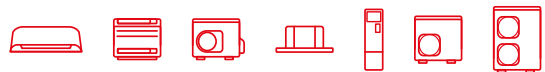


TOSHIBA

EXPERIENCE
THE FUTURE



Retail Price List 2025

Updated from 11th June 2025 - ROI Edition

TOSHIBA

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The information Shown in this price list is based on the following

- * Values are based on maximum compressor output.
- * The sound pressure levels are based on; Outdoor units at 1m distance, indoor units at 1.5m distance.
- * Rated capacities are based on NEMA - Cooling; indoor air temperature 27 °C DB/19 °C WB, outdoor air temperature 35 °C DB/24 °C WB. Heating; indoor air temperature 20 °C DB, outdoor air temperature 7 °C DB.
- * UK capacities are based on the following conditions - Cooling; indoor air temperature 23 °C db/16 °C WB, outdoor air temperature 29 °C DB, 5m or 7.5m (dependent on model) pipe run and high fan speed. Heating; indoor air temperature 20 °C DB, outdoor air temperature -5 °C DB/100% RH, 5m or 7.5m pipe run and high fan speed.

TOSHIBA

RESIDENTIAL AIR TO AIR

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TOSHIBA

SEIYA



RAS High-Wall Inverter Split System - SEIYA

Indoor Unit	RAS-	B05E2KVG-E	B10E2KVG-E
Indoor Unit Retail Price		€169	€170
Outdoor Unit	RAS-	05E2AVG-E	10E2AVG-E
Outdoor Unit Retail Price		€596	€642
System Retail Price*		€765	€812
Rated Cooling capacity	kW	1.5	2.5
Rated Heating capacity	kW	2.0	3.2
UK Cooling Total/Sensible	kW	1.47/1.22	2.44/1.93
UK Heating	kW	1.18	2.03
SEER - SCOP - Energy Label		6.90 - 4.60 - A++/A++	7.00 - 4.60 - A++/A++
Weight ID - OD	kg	9 - 21	9 - 22
Dimensions (H x W x D) - ID	mm	288 x 770 x 225	288 x 770 x 225
Dimensions (H x W x D) - OD	mm	530 x 660 x 240	530 x 660 x 240
Indoor Airflow (High - Low)	l/s	134 - 53	144 - 64
Outdoor Airflow (High)	m ³ /h - l/s	1690 - 470	1800 - 500
Sound pressure level - ID - OD**	dB(A)	37/19 - 48	39/20 - 49
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	3/8 - 1/4	3/8 - 1/4
Min/Max Pipe Length - Height	m	2/15 - 12	2/15 - 12
Chargeless pipe length	m	15	15
Refrigerant - additional charge	Type/kg/g	R32/0.34/0	R32/0.49/0

* Standard wireless remote controller included in system price (WH-TG01NE)

** Figures given for the indoor unit are at high/low fan speeds

*** Power to indoor or Outdoor

TOSHIBA

SEIYA



RAS High-Wall Inverter Split System - SEIYA

Indoor Unit	RAS-	B07S4KVG-E	B13S4KVG-E	B16S4KVG-E
Indoor Unit Retail Price		€266	€276	€279
Outdoor Unit	RAS-	07E2AVG-E	13E2AVG-E	16E2AVG-E
Outdoor Unit Retail Price		€627	€735	€1,060
System Retail Price*		€893	€1,011	€1,339
Rated Cooling capacity	kW	2.0	3.3	4.2
Rated Heating capacity	kW	2.5	3.6	5.0
UK Cooling Total/Sensible	kW	1.95/1.57	3.22/2.49	4.49/3.36
UK Heating	kW	1.60	2.20	3.33
SEER - SCOP - Energy Label		6.20 - 4.60 - A++/A++	7.00 - 4.60 - A++/A++	7.00 - 4.60 - A++/A++
Weight ID - OD	kg	9 - 21	9 - 22	9 - 30
Dimensions (H x W x D) - ID	mm	288 x 770 x 225	293 x 798 x 230	293 x 798 x 230
Dimensions (H x W x D) - OD	mm	530 x 660 x 240	530 x 660 x 240	550 x 780 x 290
Indoor Airflow (High - Low)	l/s	140 - 55	208 - 92	212 - 92
Outdoor Airflow (High)	m ³ /h - l/s	1800 - 500	1980 - 550	2160 - 600
Sound pressure level - ID - OD**	dB(A)	38/19 - 49	42/20 - 49	43/22 - 51
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4
Min/Max Pipe Length - Height	m	2/15 - 12	2/15 - 12	2/20 - 12
Chargeless pipe length	m	15	15	15
Refrigerant - additional charge	Type/kg/g	R32/0.34/0	R32/0.54/0	R32/0.68/20

* Standard wireless remote controller included in system price (WH-TG01NE)

** Figures given for the indoor unit are at high/low fan speeds

*** Power to indoor or Outdoor



RAS High-Wall Inverter Split System - SEIYA (Continued)

Indoor Unit	RAS-	B18S4KVG-E	B24S4KVG-E
Indoor Unit Retail Price		€313	€354
Outdoor Unit	RAS-	18E2AVG-E	24E2AVG-E
Outdoor Unit Retail Price		€1,273	€1,530
System Retail Price*		€1,586	€1,884
Rated Cooling capacity	kW	5.0	6.5
Rated Heating capacity	kW	5.4	7.0
UK Cooling Total/Sensible	kW	4.88/3.57	6.35/4.40
UK Heating	kW	3.34	4.31
SEER - SCOP - Energy Label		7.00 - 4.40 - A++/A+	6.90 - 4.30 - A++/A+
Weight ID - OD	kg	9 - 34	15 - 38
Dimensions (H x W x D) - ID	mm	293 x 798 x 230	320 x 1050 x 250
Dimensions (H x W x D) - OD	mm	550 x 780 x 290	550 x 780 x 290
Indoor Airflow (High - Low)	l/s	233 - 133	298 - 183
Outdoor Airflow (High)	m ³ /h - l/s	2160 - 600	2220 - 617
Sound pressure level - ID - OD**	dB(A)	48/26 - 51	48/29 - 54
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4	1/2 - 1/4
Min/Max Pipe Length - Height	m	2/20 - 12	2/20 - 12
Chargeless pipe length	m	15	15
Refrigerant - additional charge	Type/kg/g	R32/0.93/20	R32/1.18/20

* Standard wireless remote controller included in system price (WH-TG01NE)

** Figures given for the indoor unit are at high/low fan speeds

*** Power to indoor or Outdoor

TOSHIBA

SHORAI EDGE



RAS High-Wall Inverter Split System - SHORAI Edge Black

Indoor Unit	RAS-	B10G3KVSGB-E	B13G3KVSGB-E	B16G3KVSGB-E
Indoor Unit Retail Price		€608	€659	€733
Outdoor Unit	RAS-	10J2AVSG-E1	13J2AVSG-E1	16J2AVSG-E1
Outdoor Unit Retail Price		€900	€1,118	€1,366
System Retail Price*		€1,508	€1,777	€2,099
Rated Cooling capacity	kW	2.5	3.5	4.6
Rated Heating capacity	kW	3.2	4.2	5.5
UK Cooling Total/Sensible	kW	3.42/2.74	4.49/3.56	4.88/3.57
UK Heating	kW	2.61	3.59	3.83
SEER - SCOP - Energy Label		8.60 - 5.10 - A+++/A+++	8.60 - 5.10 - A+++/A+++	7.80 - 4.60 - A++/A++
Weight ID - OD	kg	10 - 26	10 - 30	10 - 33
Dimensions (H x W x D) - ID	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Dimensions (H x W x D) - OD	mm	293 x 800 x 226	293 x 800 x 226	293 x 800 x 226
Indoor Airflow (High - Low)	l/s	183 - 86	203 - 95	211 - 100
Outdoor Airflow (High)	m ³ /h - l/s	1890 - 524	1950 - 540	2040 - 566
Sound pressure level - ID - OD**	dB(A)	40/19 - 46	43/19 - 48	44/22 - 50
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4
Min/Max Pipe Length - Height	m	2/20 - 12	2/20 - 12	2/20 - 12
Chargeless pipe length	m	15	15	15
Refrigerant - additional charge	Type/kg/g	R32/0.55/20	R32/0.80/20	R32/0.80/20

* Standard wireless remote controller included in system price (WH-UA04UE)

** Figures given for the indoor unit are at high/low fan speeds

*** Power to indoor or Outdoor



RAS High-Wall Inverter Split System - SHORAI Edge Black - (Continued)

Indoor Unit	RAS-	B18G3KVSGB-E	B22G3KVSGB-E	B24G3KVSGB-E
Indoor Unit Retail Price		€835	€875	€976
Outdoor Unit	RAS-	18J2AVSG-E1	22J2AVSG-E1	24J2AVSG-E1
Outdoor Unit Retail Price		€1,513	€1,672	€1,935
System Retail Price*		€2,348	€2,547	€2,911
Rated Cooling capacity	kW	5.0	6.1	7.0
Rated Heating capacity	kW	6.0	7.0	8.0
UK Cooling Total/Sensible	kW	5.96/4.24	6.84/4.71	6.84/4.71
UK Heating	kW	3.98	5.27	5.27
SEER - SCOP - Energy Label		7.30 - 4.60 - A++/A++	7.30 - 4.60 - A++/A++	6.30 - 4.10 - A++/A+
Weight ID - OD	kg	14 - 34	14 - 34	14 - 42
Dimensions (H x W x D) - ID	mm	550 x 780 x 290	550 x 780 x 290	630 x 800 x 300
Dimensions (H x W x D) - OD	mm	320 x 1053 x 245	320 x 1053 x 245	320 x 1053 x 245
Indoor Airflow (High - Low)	l/s	275 - 158	300 - 191	316 - 200
Outdoor Airflow (High)	m ³ /h - l/s	2076 - 576	2184 - 607	2916 - 810
Sound pressure level - ID - OD**	dB(A)	44/26 - 50	46/27 - 51	48/28 - 53
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4	1/2 - 1/4	1/2 - 1/4
Min/Max Pipe Length - Height	m	2/20 - 12	2/20 - 12	2/25 - 15
Chargeless pipe length	m	15	15	15
Refrigerant - additional charge	Type/kg/g	R32/1.10/20	R32/1.10/20	R32/1.14/20

* Standard wireless remote controller included in system price (WH-UA04UE)

** Figures given for the indoor unit are at high/low fan speeds

*** Power to indoor or Outdoor

TOSHIBA

SHORAI EDGE



RAS High-Wall Inverter Split System - SHORAI Edge White

Indoor Unit	RAS-	B10G3KVSG-E	B13G3KVSG-E	B16G3KVSG-E
Indoor Unit Retail Price		€541	€576	€637
Outdoor Unit	RAS-	10J2AVSG-E1	13J2AVSG-E1	16J2AVSG-E1
Outdoor Unit Retail Price		€900	€1,118	€1,366
System Retail Price*		€1,441	€1,694	€2,003
Rated Cooling capacity	kW	2.5	3.5	4.6
Rated Heating capacity	kW	3.2	4.2	5.5
UK Cooling Total/Sensible	kW	3.42/2.74	4.49/3.56	4.88/3.57
UK Heating	kW	2.61	3.59	3.83
SEER - SCOP - Energy Label		8.60 - 5.10 - A+++/A+++	8.60 - 5.10 - A+++/A+++	7.80 - 4.60 - A++/A++
Weight ID - OD	kg	10 - 26	10 - 30	10 - 33
Dimensions (H x W x D) - ID	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Dimensions (H x W x D) - OD	mm	293 x 800 x 226	293 x 800 x 226	293 x 800 x 226
Indoor Airflow (High - Low)	l/s	183 - 86	203 - 95	211 - 100
Outdoor Airflow (High)	m ³ /h - l/s	1890 - 524	1950 - 540	2040 - 566
Sound pressure level - ID - OD**	dB(A)	40/19 - 46	43/19 - 48	44/22 - 50
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4
Min/Max Pipe Length - Height	m	2/20 - 12	2/20 - 12	2/20 - 12
Chargeless pipe length	m	15	15	15
Refrigerant - additional charge	Type/kg/g	R32/0.55/20	R32/0.80/20	R32/0.80/20

* Standard wireless remote controller included in system price (WH-UA06UE)

** Figures given for the indoor unit are at high/low fan speeds

*** Power to indoor or Outdoor



RAS High-Wall Inverter Split System - SHORAI Edge White - (Continued)

Indoor Unit	RAS-	B18G3KVSG-E	B22G3KVSG-E	B24G3KVSG-E
Indoor Unit Retail Price		€734	€767	€848
Outdoor Unit	RAS-	18J2AVSG-E1	22J2AVSG-E1	24J2AVSG-E1
Outdoor Unit Retail Price		€1,513	€1,672	€1,935
System Retail Price*		€2,247	€2,439	€2,783
Rated Cooling capacity	kW	5.0	6.1	7.0
Rated Heating capacity	kW	6.0	7.0	8.0
UK Cooling Total/Sensible	kW	5.96/4.24	6.84/4.71	6.84/4.71
UK Heating	kW	3.98	5.27	5.27
SEER - SCOP - Energy Label		7.30 - 4.60 - A++/A++	7.30 - 4.60 - A++/A++	6.30 - 4.10 - A++/A+
Weight ID - OD	kg	14 - 34	14 - 34	14 - 42
Dimensions (H x W x D) - ID	mm	550 x 780 x 290	550 x 780 x 290	630 x 800 x 300
Dimensions (H x W x D) - OD	mm	320 x 1053 x 245	320 x 1053 x 245	320 x 1053 x 245
Indoor Airflow (High - Low)	l/s	275 - 158	300 - 191	316 - 200
Outdoor Airflow (High)	m ³ /h - l/s	2076 - 576	2184 - 607	2916 - 810
Sound pressure level - ID - OD**	dB(A)	44/26 - 50	46/27 - 51	48/28 - 53
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4	1/2 - 1/4	1/2 - 1/4
Min/Max Pipe Length - Height	m	2/20 - 12	2/20 - 12	2/25 - 15
Chargeless pipe length	m	15	15	15
Refrigerant - additional charge	Type/kg/g	R32/1.10/20	R32/1.10/20	R32/1.14/20

* Standard wireless remote controller included in system price (WH-UA06UE)

** Figures given for the indoor unit are at high/low fan speeds

*** Power to indoor or Outdoor

TOSHIBA

HAORI



RAS High-Wall Inverter Split System - HAORI

Indoor Unit	RAS-	B10N4KVRG-E1	B13N4KVRG-E	B16N4KVRG-E
Indoor Unit Retail Price		€739	€771	€865
Outdoor Unit	RAS-	10J2AVSG-E1	13J2AVSG-E1	16J2AVSG-E1
Outdoor Unit Retail Price		€900	€1,118	€1,366
System Retail Price*		€1,639	€1,889	€2,231
Rated Cooling capacity	kW	2.5	3.5	4.6
Rated Heating capacity	kW	3.2	4.2	5.5
UK Cooling Total/Sensible	kW	2.44/1.93	3.42/2.64	4.49/3.42
UK Heating	kW	1.86	2.54	3.37
SEER - SCOP - Energy Label		8.50 - 5.10 - A+++/A+++	8.70 - 5.10 - A+++/A+++	7.80 - 4.60 - A+++/A+++
Weight ID - OD	kg	11 - 26	11 - 30	12 - 33
Dimensions (H x W x D) - ID	mm	300 x 987 x 210	300 x 987 x 210	300 x 987 x 210
Dimensions (H x W x D) - OD	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Indoor Airflow (High - Low)	l/s	169 - 83	189 - 89	202 - 94
Outdoor Airflow (High)	m ³ /h - l/s	1890 - 524	1950 - 540	2040 - 566
Sound pressure level - ID - OD**	dB(A)	41/19 - 46	43/19 - 48	45/22 - 50
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4
Min/Max Pipe Length - Height	m	2/20 - 12	2/20 - 12	2/20 - 12
Chargeless pipe length	m	15	15	15
Refrigerant - additional charge	Type/kg/g	R32/0.55/20	R32/0.80/20	R32/0.80/20

* Standard wireless remote controller included in system price (WH-UA01UE)

** Figures given for the indoor unit are at high/low fan speeds

*** Power to indoor or Outdoor



RAS High-Wall Inverter Split System - DAISEIKAI 10 White

Indoor Unit	RAS-	B10S4KVPG-E	B13S4KVPG-E	B18S4KVPG-E
Indoor Unit Retail Price		€910	€938	€994
Outdoor Unit	RAS-	10S4AVPG-E	13S4AVPG-E	18S4AVPG-E
Outdoor Unit Retail Price		€1,597	€1,694	€2,187
System Retail Price*		€2,507	€2,632	€3,181
Rated Cooling capacity	kW	2.5	3.5	5.0
Rated Heating capacity	kW	3.2	4.0	6.0
UK Cooling Total/Sensible	kW	2.44/2.03	3.42/2.74	4.40/3.56
UK Heating	kW	1.9	2.51	3.43
SEER - SCOP - Energy Label		10.70 - 5.30 - A+++/A+++	9.70 - 5.20 - A+++/A+++	8.60 - 4.80 - A+++/A+++
Weight ID - OD	kg	14 - 38	14 - 38	14 - 38
Dimensions (H x W x D) - ID	mm	293 x 930 x 255	293 x 930 x 255	293 x 930 x 255
Dimensions (H x W x D) - OD	mm	630 x 800 x 300	630 x 800 x 300	630 x 800 x 300
Indoor Airflow (High - Low)	l/s	194 - 83	208 - 91	222 - 97
Outdoor Airflow (High)	m ³ /h - l/s	2100 - 583	2160 - 600	2220 - 616
Sound pressure level - ID - OD**	dB(A)	44/20 - 47	45/20 - 50	46/22 - 50
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4
Min/Max Pipe Length - Height	m	2/25 - 15	2/25 - 15	2/25 - 15
Chargeless pipe length	m	15	15	15
Refrigerant - additional charge	Type/kg/g	R32/1.00/20	R32/1.00/20	R32/1.00/20

* Standard wireless remote controller included in system price (WH-UD02UE)

** Figures given for the indoor unit are at high/low fan speeds

*** Power to indoor or Outdoor

TOSHIBA

DAISEIKAI



RAS High-Wall Inverter Split System - DAISEIKAI 10 Wood

Indoor Unit	RAS-	B10S4KVDG-E	B13S4KVDG-E	B18S4KVDG-E
Indoor Unit Retail Price		€1,148	€1,189	€1,297
Outdoor Unit	RAS-	10S4AVPG-E	13S4AVPG-E	18S4AVPG-E
Outdoor Unit Retail Price		€1,597	€1,694	€2,187
System Retail Price*		€2,745	€2,883	€3,484
Rated Cooling capacity	kW	2.5	3.5	5.0
Rated Heating capacity	kW	3.2	4.0	6.0
UK Cooling Total/Sensible	kW	2.44/2.03	3.42/2.74	4.40/3.56
UK Heating	kW	1.9	2.51	3.43
SEER - SCOP - Energy Label		10.70 - 5.30 - A+++ / A+++	9.70 - 5.20 - A+++ / A+++	8.60 - 4.80 - A+++ / A+++
Weight ID - OD	kg	16 - 38	16 - 38	16 - 38
Dimensions (H x W x D) - ID	mm	293 x 940 x 257	293 x 940 x 257	293 x 940 x 257
Dimensions (H x W x D) - OD	mm	630 x 800 x 300	630 x 800 x 300	630 x 800 x 300
Indoor Airflow (High - Low)	l/s	194 - 83	208 - 91	222 - 97
Outdoor Airflow (High)	m ³ /h - l/s	2100 - 583	2160 - 600	2220 - 616
Sound pressure level - ID - OD**	dB(A)	44/20 - 47	45/20 - 50	46/22 - 50
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4
Min/Max Pipe Length - Height	m	2/25 - 15	2/25 - 15	2/25 - 15
Chargeless pipe length	m	15	15	15
Refrigerant - additional charge	Type/kg/g	R32/1.00/20	R32/1.00/20	R32/1.00/20

* Standard wireless remote controller included in system price (WH-UD01UE)

** Figures given for the indoor unit are at high/low fan speeds

*** Power to indoor or Outdoor



RAS Inverter Split System - Bi-Flow Console

Indoor Unit	RAS-	B10J2FVG-E	B13J2FVG-E	B18J2FVG-E
Indoor Unit Retail Price		€890	€969	€1,075
Outdoor Unit	RAS-	10J2AVSG-E1	13J2AVSG-E1	18J2AVSG-E1
Outdoor Unit Retail Price		€900	€1,118	€1,513
System Retail Price*		€1,790	€2,087	€2,588
Rated Cooling capacity	kW	2.5	3.5	5.0
Rated Heating capacity	kW	3.2	4.2	6.0
UK Cooling Total/Sensible	kW	2.44/2.03	3.42/2.74	4.40/3.56
UK Heating	kW	1.9	2.51	3.43
SEER - SCOP - Energy Label		7.20 - 4.70 - A++/A++	7.00 - 4.70 - A++/A++	6.80 - 4.60 - A++/A++
Weight ID - OD	kg	16 - 26	16 - 30	16 - 34
Dimensions (H x W x D) - ID	mm	600 x 700 x 220	600 x 700 x 220	600 x 700 x 220
Dimensions (H x W x D) - OD	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Indoor Airflow (High - Low)	l/s	136 - 71	153 - 75	183 - 101
Outdoor Airflow (High)	m ³ /h - l/s	1890 - 524	1950 - 540	2076 - 576
Sound pressure level - ID - OD**	dB(A)	39/23 - 47	40/24 - 49	47/31 - 51
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4
Min/Max Pipe Length - Height	m	2/20 - 12	2/20 - 12	2/20 - 12
Chargeless pipe length	m	15	15	15
Refrigerant - additional charge	Type/kg/g	R32/0.51/20	R32/0.67/20	R32/1.10/20

* Standard wireless remote controller included in system price (WH-TA12LE)

** Figures given for the indoor unit are at high/low fan speeds

*** Power to Outdoor

TOSHIBA



RAS Multi - Split Inverter Outdoor Unit - G3

Outdoor unit	RAS-	2M10G3AVG-E	2M14G3AVG-E	2M18G3AVG-E
Rooms		2-room Multisplit	2-room Multisplit	2-room Multisplit
Outdoor Unit Retail Price		€1,317	€1,344	€1,507
Rated Cooling capacity	kW	3.3	4.0	5.2
Rated Heating capacity	kW	4.0	4.4	5.6
(Capacity Code) 2 x Indoor Connection	Min - Max.	10 - 20	10 - 26	10 - 32
(Capacity Code) 3 x Indoor Connection		-	-	-
(Capacity Code) 4 x Indoor Connection		-	-	-
(Capacity Code) 5 x Indoor Connection		-	-	-
SEER - SCOP - Energy Label		8.60 - 4.70 - A+++/A++	8.70 - 4.80 - A+++/A++	8.70 - 4.80 - A+++/A++
Weight	kg	31	35	43
Dimensions (H x W x D)	mm	550 x 780 x 290	550 x 780 x 290	630 x 800 x 300
Outdoor Airflow (High)	m3/h - l/s	2100-583	2250-625	2600-722
Sound pressure level - OD*	dB(A)	51/46	52/46	50/44
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 16
Interconnecting Cable**		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	3/8 x 2 - 1/4 x 2	3/8 x 2 - 1/4 x 2	1/4 x 2 - 3/8 x 2
Maximum pipe length (per unit/total) - Height	m	15/20 - 10	20/30 - 10	20/30 - 10
Chargeless pipe length	m	20	30	30
Refrigerant - additional charge	Type/kg/g	R32/0.80/0	R32/0.95/0	R32/1.20/0

* Figures given for the outdoor unit are at high/low

** Power to Outdoor



RAS Multi - Split Inverter Outdoor Unit - G3 (Continued)

Outdoor unit	RAS-	3M18G3AVG-E	3M26G3AVG-E
Rooms		3-room Multisplit	3-room Multisplit
Outdoor Unit Retail Price		€2,130	€2,521
Rated Cooling capacity	kW	5.2	7.5
Rated Heating capacity	kW	6.8	9.0
(Capacity Code) 2 x Indoor Connection	Min - Max.	10 - 32	10 - 42
(Capacity Code) 3 x Indoor Connection		15 - 36	15 - 54
(Capacity Code) 4 x Indoor Connection		-	-
(Capacity Code) 5 x Indoor Connection		-	-
SEER - SCOP - Energy Label		8.60 - 4.80 - A+++ / A++	8.50 - 4.60 - A+++ / A++
Weight	kg	44	67
Dimensions (H x W x D)	mm	630 x 800 x 300	890 x 900 x 320
Outdoor Airflow (High)	m ³ /h - l/s	2800-778	3700-1028
Sound pressure level - OD*	dB(A)	52/46	53/45
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16
Interconnecting Cable**		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	3/8 x 2 + 1/2 x 1 - 1/4 x 3	3/8 x 1 + 1/2 x 2 - 1/4 x 3
Maximum pipe length (per unit/total) - Height	m	25/50 - 10	25/ 70 - 15
Chargeless pipe length	m	50	40
Refrigerant - additional charge	Type/kg/g	R32/1.25/0	R32/1.90/20

* Figures given for the outdoor unit are at high/low

** Power to Outdoor

TOSHIBA



RAS Multi - Split Inverter Outdoor Unit - G3 (Continued)

Outdoor unit	RAS-	4M27G3AVG-E	5M34G3AVG-E
Rooms		4-room Multisplit	5-room Multisplit
Outdoor Unit Retail Price		€3,074	€3,499
Rated Cooling capacity	kW	8.0	10.0
Rated Heating capacity	kW	9.0	12.0
(Capacity Code) 2 x Indoor Connection	Min - Max.	10 - 42	10 - 48
(Capacity Code) 3 x Indoor Connection		15 - 54	15 - 48
(Capacity Code) 4 x Indoor Connection		20 - 52	20 - 68
(Capacity Code) 5 x Indoor Connection		-	25 - 68
SEER - SCOP - Energy Label		8.30 - 4.50 - A++/A+	7.20 - 4.30 - A++/A+
Weight	kg	68	78
Dimensions (H x W x D)	mm	890 x 900 x 320	890 x 900 x 320
Outdoor Airflow (High)	m ³ /h - l/s	3700-1028	4400-1222
Sound pressure level - OD*	dB(A)	54/45	56/47
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 20	220/240-1-50 & 20
Interconnecting Cable**		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	3/8 x 2 + 1/2 x 2 - 1/4 x 4	3/8 x 3 + 1/2 x 2 - 1/4 x 5
Maximum pipe length (per unit/total) - Height	m	25/70 - 15	25/80 - 15
Chargeless pipe length	m	40	40
Refrigerant - additional charge	Type/kg/g	R32/2.05/20	R32/2.39/20

* Figures given for the outdoor unit are at high/low

** Power to Outdoor



RAS Multi - Split Inverter Outdoor Unit - Combinations

RAS Indoor Model	Cooling kW	Heating kW	SEIYA*	SHORAI EDGE B&W*	HAORI*	DAISEIKAI 10*	CONSOLE*	CASSETTE**	Ducted**
05	1.5	2.0	✓	✗	✗	✗	✗	✗	✗
07	2.0	2.7	✓	✗	✗	✗	✗	✗	✓
10	2.7	4.0	✓	✓	✓	✓	✓	✓	✓
13	3.7	5.0	✓	✓	✓	✓	✓	✓	✓
16	4.5	5.5	✓	✓	✓	✗	✗	✓	✓
18	5.0	6.0	✓	✓	✗	✓	✓	✗	✗
22	6.0	7.0	✗	✓	✗	✗	✗	✗	✓
24	7.1	8.1	✓	✓	✗	✗	✗	✗	✓



Available



Not available

* Available for single and multi connection

** Available for multi connection only

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RAS Multi Split - indoor Unit - Compact Cassette

Indoor unit (600X600 Cassette)	RAS-	M10S4MUVG-E	M13S4MUVG-E	M16S4MUVG-E
Fascia Panel	RBC-	UM21P-E	UM21P-E	UM21P-E
Indoor Unit Retail Price		€1,459	€1,546	€1,611
Remote Controller	RBC-	AXU31UMP-E	AXU31UMP-E	AXU31UMP-E
Remote Controller Retail Price		€152	€152	€152
Indoor Unit Retail Price (inc. Fascia Panel & Controller) *		€1,611	€1,698	€1,763
Rated Cooling capacity	kW	2.5	3.5	4.6
Rated Heating capacity	kW	3.2	4.2	5.5
UK Cooling Total/Sensible	kW	2.44/2.03	3.42/2.74	4.49/3.56
UK Heating	kW	2.1	2.6	3.5
Weight ID - Panel	kg	16 - 3	16 - 3	16 - 3
Dimensions (H x W x D) - ID	mm	244 x 575 x 575	244 x 575 x 575	244 x 575 x 575
Dimensions (H x W x D) - Panel	mm	12 x 620 x 620	12 x 620 x 620	12 x 620 x 620
Indoor Airflow (High - Low)	l/s	164 - 119	172 - 119	189 - 125
Sound pressure level - ID **	dB(A)	37/30	39/33	41/33
Power Supply OD to ID	V-ph-Hz	220/240-1-50	220/240-1-50	220/240-1-50
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)	Inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4

* RBC-AMSU52-E (£156) available as optional accessories

** Figures given for the indoor unit are at high/low fan speeds

*** Figures given for S4MUVG model - For other models please refer to engineering book



RAS Multi Split - indoor Unit - Slim Ducted

Indoor Unit	RAS-	M07U2DVG-E	M10U2DVG-E	M13U2DVG-E
Indoor Unit Retail Price*		€1,103	€1,118	€1,133
Rated Cooling capacity	kW	2.0	2.7	3.7
Rated Heating capacity	kW	2.7	4.0	5.0
UK Cooling Total/Sensible	kW	1.95/1.57	2.44/1.93	3.22/2.49
UK Heating	kW	1.60	2.0	2.20
Weight ID	kg	16	16	16
Dimensions (H x W x D) - ID	mm	210 x 700 x 450	210 x 700 x 450	210 x 700 x 450
Indoor Airflow (High - Low)	l/s	158 - 106	158 - 106	169 - 107
External Static Pressure (Upper - Lower)	Pa	(10 - 45)	(10 - 45)	(10 - 45)
Sound pressure level - ID ***	dB(A)	35/27	35/27	37/27
Power Supply OD to ID	V-ph-Hz	220/240-1-50	220/240-1-50	220/240-1-50
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)	Inch	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4

* Standard wireless remote controller included in system price (WH-TA04NE)

** RB-RWS21-E (\$220) available as optional accessories

*** Figures given for the indoor unit are at high/low fan speeds

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RAS Multi Split - indoor Unit - Slim Ducted (Continued)

Indoor Unit	RAS-	M16U2DVG-E	M22U2DVG-E	M24U2DVG-E
Indoor Unit Retail Price*		€1,208	€1,411	€1,458
Rated Cooling capacity	kW	4.5	6.0	7.1
Rated Heating capacity	kW	5.5	7.0	8.1
UK Cooling Total/Sensible	kW	4.49/3.36	5.96/4.24	6.84/4.71
UK Heating	kW	3.3	4.0	5.3
Weight ID	kg	19	22	22
Dimensions (H x W x D) - ID	mm	210 x 900 x 450	210 x 1100 x 450	210 x 1100 x 450
Indoor Airflow (High - Low)	l/s	217 - 117	278 - 206	294 - 211
External Static Pressure (Upper - Lower)	Pa	(10 - 45)	(10 - 45)	(10 - 45)
Sound pressure level - ID ***	dB(A)	35/24	38/32	39/33
Power Supply OD to ID	V-ph-Hz	220/240-1-50	220/240-1-50	220/240-1-50
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)	Inch	1/2 - 1/4	1/2 - 1/4	1/2 - 1/4

* Standard wireless remote controller included in system price (WH-TA04NE)

** RB-RWS21-E (\$220) available as optional accessories

*** Figures given for the indoor unit are at high/low fan speeds

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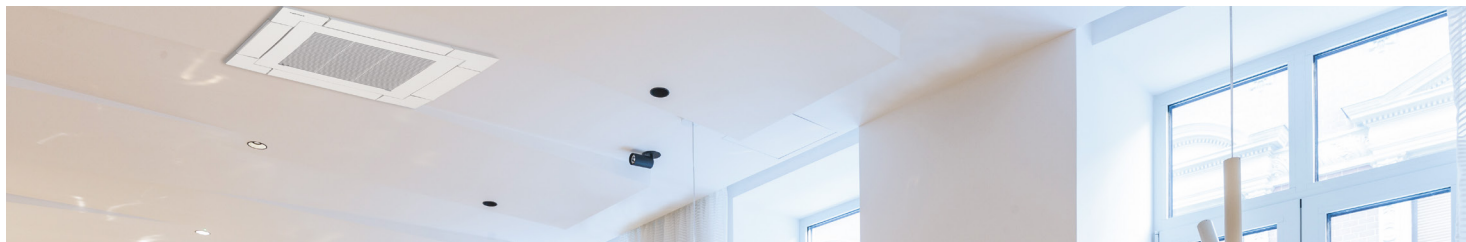
RAS Accessories

RAS Accessories	Model	Description	Price
Wireless Controller			
Wireless Controller	RB-RXS31-E	Weekly-Timer, IMS Combination (WH-TA03EE)	€92
	RB-RXS33-E	Remote Controller Weekly-Timer (WH-TA15PE)	€92
	RB-RXS34-E	Remote Controller RAS (Seiya, Shorai, Console, Daiseikai)	€106
Controller Wired			
Controller Wired	RB-RWS21-E	Hard Wired Remote Controller RAS Ducted	€253
	RBC-AMSU52-E	Hard Wired Remote Controller RAS Cassette	€179
Indoor Interfaces			
Indoor Interface	TCB-SSRL011UUP-E	RAS TU2C-Link interface for Central Control	€175
	RB-N105S-G	Wi-Fi Adapter	€168
	RB-N106S-G	Wi-Fi Adapter & Cable	€176
Fabric Covers			
Fabric Cover	RB-14101-E	RAS HAORI Fabric Dark Grey	€86
	RB-14102-E	RAS HAORI Fabric Light Grey	€86
	RB-14103-E	RAS HAORI Fabric Bluish Grey	€107
	RB-14104-E	RAS HAORI Fabric Grey Beige	€107
	RB-14105-E	RAS HAORI Fabric Dark Brown	€107
	RB-14106-E	RAS HAORI Fabric Emerald Blue	€107
Anti-Corrosion/Paint Coating			
Anti-Corrosion Coating*	CACC-SF	Single Fan Unit Coil Anti-Corrosion Coating	€376
Paint Coating *	PAINT-SF	Single Fan Chassis Colour change (RAL Number required)	€435

*Additional delivery charges may apply

Light Commercial

RAV Digital Inverters	Pages		Pages
RAV High-Wall - Digital Inverter Classic - Series 1	25	RAV Twin-Split Standard Cassette - Digital Inverter - Series 1	54 - 56
RAV Standard Cassette - Digital Inverter Classic - Series 1	26 - 28	RAV Twin-Split Ceiling - Digital Inverter - Series 1	57 - 59
RAV Standard Ducted - Digital Inverter Classic - Series 1	29 - 31	RAV Twin-Split Standard Duct - Digital Inverter - Series 1	60 - 62
RAV High-Wall - Digital Inverter - Series 1	32 - 33	RAV Twin-Split Floor-Standing - Digital Inverter - Series 1	63 - 64
RAV Compact Cassette - Digital Inverter - Series 1	34	RAV Triple-Split High-Wall - Digital Inverter - Series 1	65 - 66
RAV Standard Cassette - Digital Inverter - Series 1	35 - 37	RAV Triple-Split Compact Cassette - Digital Inverter - Series 1	68 - 69
RAV Ceiling Type - Digital Inverter - Series 1	38 - 41	RAV Triple-Split Standard Cassette - Digital Inverter - Series 1	70 - 71
RAV Slim Ducted - Digital Inverter - Series 1	42	RAV Triple-Split Ceiling - Digital Inverter - Series 1	72 - 73
RAV Standard Ducted - Digital Inverter - Series 1	43 - 45	RAV Triple-Split Slim Duct - Digital Inverter - Series 1	74
RAV High Static Duct - DI 8 & 10HP Inverter Series 3	46	RAV Twin-Split Standard Duct - Digital Inverter - Series 1	75 - 76
RAV Floor Standing - Digital Inverter - Series 1	47 - 48	RAV Triple-Split Floor-Standing - Digital Inverter - Series 1	77
RAV Twin-Split High-Wall - Digital Inverter - Series 1	49 - 51		
RAV Twin-Split Compact Cassette - Digital Inverter - Series 1	52 - 53		



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Light Commercial

RAV Digital Inverters	Pages		Pages
RAV Quad-Split High-Wall - Digital Inverter - Series 1	78 - 79	RAV Twin-Split Standard Duct - Super Digital Inverter - Series 1	117 - 118
RAV Quad-Split Compact Cassette - Digital Inverter - Series 1	80 - 81	RAV Twin-Split Floor-Standing - Super Digital Inverter - Series 1	119 - 120
RAV Quad-Split Standard Cassette - Digital Inverter - Series 1	82	RAV Triple-Split High-Wall - Super Digital Inverter - Series 1	121 - 122
RAV Quad-Split Ceiling - Digital Inverter - Series 1	83 - 84	RAV Triple-Split Compact Cassette - Super Digital Inverter - Series 1	123 - 124
RAV Quad-Split Slim Duct - Digital Inverter - Series 1	85	RAV Triple-Split Standard Cassette - Super Digital Inverter - Series 1	125
RAV Quad-Split Standard Duct - Digital Inverter - Series 1	86	RAV Triple-Split Slim Ducted - Super Digital Inverter - Series 1	126
RAV Quad-Split Floor-Standing - Digital Inverter - Series 1	87	RAV Triple-Split Ceiling - Super Digital Inverter - Series 1	127
RAV High-Wall - Super Digital Inverter Series 1	88	RAV Triple-Split Standard Duct - Super Digital Inverter - Series 1	128
RAV Smart Cassette - Super Digital Inverter - Series 1	89 - 90	RAV Triple-Split Floor-Standing - Super Digital Inverter - Series 1	129
RAV Compact Cassette - Super Digital Inverter - Series 1	91	RAV Quad-Split High-Wall - Super Digital Inverter - Series 1	130
RAV Standard Cassette - Super Digital Inverter - Series 1	92 - 95	RAV Quad-Split Compact Cassette - Super Digital Inverter - Series 1	131
RAV Ceiling Type - Super Digital Inverter - Series 1	96 - 98	RAV Quad-Split Ceiling - Super Digital Inverter - Series 1	132
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RAV Twin-Split Compact Cassette - Super Digital Inverter - Series 1	109 - 110		
RAV Twin-Split Standard Cassette - Super Digital Inverter - Series 1	111 - 112		
RAV Twin-Split Slim Ducted - Super Digital Inverter - Series 1	113 - 114		
RAV Twin-Split Ceiling - Super Digital Inverter - Series 1	115 - 116		



RAV High-Wall - Digital Inverter Classic Series 1

Indoor Unit (High-wall)	RAV-	HM561KRTP-E	HM801KRTP-E	HM1101KRTP-E	HM1101KRTP-E
Indoor Unit Retail Price		€650	€700	€842	€842
Outdoor Unit	RAV-	GV561ATP-E	GV801ATP-E	GV1101ATP-E	GV1101AT8P-E
Outdoor Unit Retail Price		€1,133	€1,451	€1,732	€2,165
System Retail Price *		€1,783	€2,151	€2,574	€3,007
Rated Cooling capacity	kW	5.0	6.7	9.5	9.5
Rated Heating capacity	kW	5.3	7.0	10.0	10.0
UK Cooling Total/Sensible	kW	4.80/4.10	6.40/5.50	9.00/7.80	9.00/7.80
UK Heating	kW	2.92	3.95	5.5	5.5
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.20-3.90 - A++/A	5.75-3.90 - A+/A	6.00-4.00 - A+/A+	6.10-4.10 - A++/A+
Weight ID - OD	kg	14 - 36	14 - 39	19 - 45	19 - 59
Dimensions (H x W x D) - ID	mm	320 x 1050 x 250	320 x 1050 x 250	348 x 1200 x 280	348 x 1200 x 280
Dimensions (H x W x D) - OD	mm	550 x 780 x 290	550 x 780 x 290	630 x 800 x 300	710 x 900 x 320
Indoor Airflow (H-M-L)	l/s	267 - 231 - 189	289 - 253 - 189	447 - 375 - 328	447 - 375 - 328
Outdoor Airflow (High)	m3/h - l/s	2350 - 653	2700 - 750	2900 - 800	3500 - 972
Sound pressure level (H-M-L) ID / OD**	dB(A)	42-39-35 - 46/48	45-41-35 - 48/52	49-45-41 - 51/53	49-45-41 - 53/60
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 16	380/415-3-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/30 - 20	5/30 - 20	5/30 - 30	5/30 - 30
Chargeless pipe length	m	20	20	30	30
Refrigerant - additional charge	Type/kg/g	R32/0.9/20	R32/1.4/35	R32/1.7	R32/1.7

* Standard wireless remote controller included in system price (WH-TA09NE)

** Figures given for the outdoor unit are cooling/heating

*** Other control options are available as accessories

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RAV Standard Cassette - Digital Inverter Classic - Series 1

Indoor unit (4-way Cassette)	RAV-	HM561UTP-E	HM801UTP-E	HM1101UTP-E
Fascia Panel	RBC-	U33P-E	U33P-E	U33P-E
Indoor Unit Retail Price (inc. Fascia Panel)		€1,216	€1,306	€1,425
Outdoor unit	RAV-	GV561ATP-E	GV801ATP-E	GV1101ATP-E
Outdoor Unit Retail Price		€1,133	€1,451	€1,732
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Fascia Panel & Controller)*		€2,528	€2,936	€3,336
Rated Cooling capacity	kW	5.0	6.7	9.5
Rated Heating capacity	kW	5.3	7.0	10.0
UK Cooling Total/Sensible	kW	4.80/4.10	6.40/5.50	9.00/7.80
UK Heating	kW	2.92	3.85	5.5
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.20-4.20 - A++/A+	6.00-4.15 - A+/A+	6.00-4.00 - A+/A+
Weight ID - OD	kg	20 - 36	20 - 39	24 - 45
Dimensions (H x W x D) - ID	mm	256 x 840 x 840	256 x 840 x 840	319 x 840 x 840
Dimensions (H x W x D) - OD	mm	550 x 780 x 290	550 x 780 x 290	630 x 800 x 300
Indoor Airflow (H-M-L)	l/s	292 - 242 - 217	342 - 267 - 225	558 - 400 - 325
Outdoor Airflow (High)	m ³ /h - l/s	2350 - 653	2700 - 750	3000 - 833
Sound pressure level (H-M-L) ID / OD**	dB(A)	32-29-28 - 46/48	35-31-28 - 48/52	43-38-33 - 51/53
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 25
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/30 - 20	5/30 - 20	5/30 - 30
Chargeless pipe length	m	20	20	30
Refrigerant - additional charge	Type/kg/g	R32/0.9/20	R32/1.4/35	R32/1.7

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating



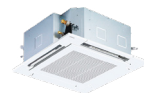
RAV Standard Cassette - Digital Inverter Classic Series 1(Continued)

Indoor unit (4-way Cassette)	RAV-	HM1101UTP-E	HM1401UTP-E	HM1401UTP-E
Fascia Panel	RBC-	U33P-E	U33P-E	U33P-E
Indoor Unit Retail Price (inc. Fascia Panel)		€1,425	€1,457	€1,457
Outdoor unit	RAV-	GV1101AT8P-E	GV1401ATP-E	GV1401AT8P-E
Outdoor Unit Retail Price		€2,165	€2,129	€2,282
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Fascia Panel & Controller) *		€3,769	€3,765	€3,918
Rated Cooling capacity	kW	9.5	11.5	12.1
Rated Heating capacity	kW	10.0	11.9	12.3
UK Cooling Total/Sensible	kW	9.00/7.80	11.00/9.30	11.00/9.30
UK Heating	kW	5.5	6.55	6.55
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.20-4.10 - A++/A+	5.10-3.90 - A/A	5.10-3.90 - A/A
Weight ID - OD	kg	24 - 59	24 - 57	24 - 59
Dimensions (H x W x D) - ID	mm	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840
Dimensions (H x W x D) - OD	mm	710 x 900 x 320	710 x 900 x 320	710 x 900 x 320
Indoor Airflow (H-M-L)	l/s	558 - 400 - 325	583 - 400 - 342	583 - 400 - 342
Outdoor Airflow (High)	m3/h - l/s	4080 - 1133	4200 - 1167	4200 - 1167
Sound pressure level (H-M-L) ID / OD**	dB(A)	43-38-33 - 53/60	44-38-34 - 53/60	44-38-34 - 53/60
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 10	220/240-1-50 & 32	380/415-3-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/30 - 30	5/30 - 30	5/30 - 30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge	Type/kg/g	R32/1.7	R32/1.9	R32/1.9

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

TOSHIBA



RAV Standard Cassette - Digital Inverter Classic Series 1 (Continued)

Indoor unit (4-way Cassette)	RAV-	HM1601UTP-E	HM1601UTP-E
Fascia Panel	RBC-	U33P-E	U33P-E
Indoor Unit Retail Price (inc. Fascia Panel)		€1,558	€1,558
Outdoor unit	RAV-	GV1601ATP-E	GV1601AT8P-E
Outdoor Unit Retail Price		€2,456	€2,832
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Fascia Panel & Controller) *		€4,193	€4,569
Rated Cooling capacity	kW	13.0	13.0
Rated Heating capacity	kW	13.5	13.5
UK Cooling Total/Sensible	kW	12.40/10.50	12.40/10.50
UK Heating	kW	7.43	7.43
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.90-4.20 - 233.0/165.0	5.90-4.20 - 233.0/165.0
Weight ID - OD	kg	24 - 64	24 - 66
Dimensions (H x W x D) - ID	mm	319 x 840 x 840	319 x 840 x 840
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320
Indoor Airflow (H-M-L)	l/s	592 - 408 - 350	592 - 408 - 350
Outdoor Airflow (High)	m ³ /h - l/s	6900 - 1917	6900 - 1917
Sound pressure level (H-M-L) ID / OD**	dB(A)	45-40-36 - 57/59	45-40-36 - 57/59
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 32	380/415-3-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/30 - 30	5/30 - 30
Chargeless pipe length	m	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.2	R32/2.2

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating



RAV Standard Ducted - Digital Inverter Classic Series 1

Indoor Unit (Standard Duct)	RAV-	HM561BTP-E	HM801BTP-E	HM1101BTP-E
Indoor Unit Retail Price		€921	€1,189	€1,359
Outdoor Unit	RAV-	GV561ATP-E	GV801ATP-E	GV1101ATP-E
Outdoor Unit Retail Price		€1,133	€1,451	€1,732
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€2,233	€2,819	€3,270
Rated Cooling capacity	kW	5.0	6.7	9.5
Rated Heating capacity	kW	5.3	7.0	10.0
UK Cooling Total/Sensible	kW	4.90/4.00	6.40/5.50	9.00/7.80
UK Heating	kW	3.65	3.85	5.5
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.20-3.90 - A/A	5.10-4.00 - A/A+	5.10-3.80 - A/A
Weight ID - OD	kg	23 - 36	30 - 39	40 - 45
Dimensions (H x W x D) - ID	mm	275 x 700 x 750	275 x 1000 x 750	275 x 1400 x 750
Dimensions (H x W x D) - OD	mm	550 x 780 x 290	550 x 780 x 290	630 x 800 x 300
Indoor Airflow (H-M-L)	l/s	222 - 175 - 133	333 - 258 - 208	583 - 458 - 350
External Static Pressure (Upper - Lower)	Pa	(120 - 30)	(120 - 30)	(120 - 30)
Outdoor Airflow (High)	m3/h - l/s	2350 - 653	2700 - 750	3000 - 833
Sound pressure level (H-M-L) ID / OD**	dB(A)	34-30-26 - 48/52	34-30-26 - 48/52	40-36-33 - 51/53
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 20
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/30 - 20	5/30 - 20	5/30 - 30
Chargeless pipe length	m	20	20	30
Refrigerant - additional charge	Type/kg/g	R32/0.9/20	R32/1.4/35	R32/1.7

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

TOSHIBA



RAV Standard Ducted - Digital Inverter Classic Series 1 (Continued)

Indoor Unit (Standard Duct)	RAV-	HM1101BTP-E	HM1401BTP-E	HM1401BTP-E
Indoor Unit Retail Price		€1,359	€1,517	€1,517
Outdoor Unit	RAV-	GV1101AT8P-E	GV1401ATP-E	GV1401AT8P-E
Outdoor Unit Retail Price		€2,165	€2,129	€2,282
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€3,703	€3,825	€3,978
Rated Cooling capacity	kW	9.5	11.5	12.1
Rated Heating capacity	kW	10.0	11.9	12.3
UK Cooling Total/Sensible	kW	9.00/7.80	11.00/9.30	11.00/9.30
UK Heating	kW	5.5	6.55	6.55
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.30-3.80 - A/A	5.10-3.80 - A/A	5.10-3.80 - A/A
Weight ID - OD	kg	40 - 59	40 - 57	40 - 59
Dimensions (H x W x D) - ID	mm	275 x 1400 x 750	275 x 1400 x 750	275 x 1400 x 750
Dimensions (H x W x D) - OD	mm	710 x 900 x 320	710 x 900 x 320	710 x 900 x 320
Indoor Airflow (H-M-L)	l/s	583 - 458 - 350	583 - 458 - 350	583 - 458 - 350
External Static Pressure (Upper - Lower)	Pa	(120 - 30)	(120 - 30)	(120 - 30)
Outdoor Airflow (High)	m3/h - l/s	4080 - 1133	4200 - 1167	4200 - 1167
Sound pressure level (H-M-L) ID / OD**	dB(A)	40-36-33 - 53/60	40-36-33 - 53/60	40-36-33 - 53/60
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 10	220/240-1-50 & 32	380/415-3-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/30 - 30	5/30 - 30	5/30 - 30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge	Type/kg/g	R32/1.7	R32/1.9	R32/1.9

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating



RAV Standard Ducted - Digital Inverter Classic Series 1 (Continued)

Indoor Unit (Standard Duct)	RAV-	HM1601BTP-E	HM1601BTP-E
Indoor Unit Retail Price		€1,655	€1,655
Outdoor Unit	RAV-	GV1601ATP-E	GV1601AT8P-E
Outdoor Unit Retail Price		€2,456	€2,832
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€4,290	€4,666
Rated Cooling capacity	kW	13.0	13.0
Rated Heating capacity	kW	13.5	13.5
UK Cooling Total/Sensible	kW	12.40/10.50	12.40/10.50
UK Heating	kW	7.43	7.43
SEER - SCOP - Energy Label (or nsc %)	kW/kW	4.90-4.15 - 193.0/163.0	5.90-4.20 - 233.0/165.0
Weight ID - OD	kg	40 - 64	40 - 66
Dimensions (H x W x D) - ID	mm	275 x 1400 x 750	275 x 1400 x 750
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320
Indoor Airflow (H-M-L)	l/s	583 - 458 - 350	583 - 458 - 350
External Static Pressure (Upper - Lower)	Pa	(120 - 30)	(120 - 30)
Outdoor Airflow (High)	m3/h - l/s	6900 - 1917	6900 - 1917
Sound pressure level (H-M-L) ID / OD**	dB(A)	40-36-33 - 57/59	40-36-33 - 57/59
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 32	380/415-3-50 & 16
Interconnecting Cable		(3C+E)	(4wC+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/30 - 30	5/30 - 30
Chargeless pipe length	m	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.2	R32/2.2

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

TOSHIBA



RAV High-Wall - Digital Inverter - Series 1

Indoor Unit (High-wall)	RAV-	HM301KRTP-E	HM401KRTP-E	HM561KRTP-E	HM801KRTP-E
Indoor Unit Retail Price		€485	€527	€650	€700
Outdoor Unit	RAV-	GM301ATP-E	GM401ATP-E	GM561ATP-E1	GM801ATP-E
Outdoor Unit Retail Price		€895	€1,072	€1,275	€1,684
System Retail Price*		€1,380	€1,599	€1,925	€2,384
Rated Cooling capacity	kW	2.5	3.6	5.0	6.7
Rated Heating capacity	kW	3.4	4.0	5.3	7.7
UK Cooling Total/Sensible	kW	2.37/1.97	3.42/2.67	4.75/3.61	6.36/4.66
UK Heating	kW	2.43	2.86	3.79	5.51
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.36-4.10 - A++/A+	6.12-4.22 - A++/A+	6.31-4.00 - A++/A+	5.73-4.01 - A+/A+
Weight ID - OD	kg	10 - 33	10 - 39	14 - 38	14 - 44
Dimensions (H x W x D) - ID	mm	293 x 798 x 230	293 x 798 x 230	320 x 1050 x 250	320 x 1050 x 250
Dimensions (H x W x D) - OD	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Indoor Airflow (H-M-L)	l/s	186 - 150 - 125	194 - 161 - 125	267 - 231 - 189	289 - 253 - 189
Outdoor Airflow (High)	m ³ /h - l/s	1800 - 500	2200 - 611	2400 - 667	2700 - 750
Sound pressure level (H-M-L) ID / OD**	dB(A)	40-34-29 - 46/47	41-36-30 - 49/50	42-39-35 - 46/48	45-41-35 - 48/52
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 16	220/240-1-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8
Min/Max Pipe Length - Height	m	2/20 - 10	2/20 - 10	5/30 - 30	5/30 - 30
Chargeless pipe length	m	15	15	20	20
Refrigerant - additional charge	Type/kg/g	R32/0.63/20	R32/0.9/20	R32/1.1/20	R32/1.3/35

* Standard wireless remote controller included in system price (WH-TA09NE)

** Figures given for the outdoor unit are cooling/heating

*** Other control options are available as accessories



RAV High-Wall - Digital Inverter - Series 1 (Continued)

Indoor Unit (High-wall)	RAV-	HM901KRTP-E	HM1101KRTP-E	HM1101KRTP-E
Indoor Unit Retail Price		€772	€842	€842
Outdoor Unit	RAV-	GM901ATP-E	GM1101ATP-E	GM1101AT8P-E
Outdoor Unit Retail Price		€1,860	€2,218	€2,561
System Retail Price*		€2,632	€3,060	€3,403
Rated Cooling capacity	kW	8.0	9.5	9.5
Rated Heating capacity	kW	9.0	11.2	11.2
UK Cooling Total/Sensible	kW	7.83/6.35	9.28/7.22	9.28/7.22
UK Heating	kW	6.12	6.93	6.93
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.10-4.10 - A++/A+	6.10-4.20 - A++/A+	6.10-4.20 - A++/A+
Weight ID - OD	kg	14 - 47	19 - 68	19 - 68
Dimensions (H x W x D) - ID	mm	320 x 1050 x 250	348 x 1200 x 280	348 x 1200 x 280
Dimensions (H x W x D) - OD	mm	630 x 800 x 300	890 x 900 x 320	890 x 900 x 320
Indoor Airflow (H-M-L)	l/s	328 - 253 - 189	447 - 375 - 328	447 - 375 - 328
Outdoor Airflow (High)	m ³ /h - l/s	2900 - 806	4080 - 1133	4080 - 1133
Sound pressure level (H-M-L) ID / OD**	dB(A)	47-41-35 - 51/55	49-45-41 - 54/57	49-45-41 - 54/57
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 20	220/240-1-50 & 20	380/415-3-50 & 10
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/50 - 30	5/50 - 30	5/50 - 30
Chargeless pipe length	m	20	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.0/35	R32/2.1/35	R32/2.1/35

* Standard wireless remote controller included in system price (WH-TA09NE)

** Figures given for the outdoor unit are cooling/heating

*** Other control options are available as accessories

TOSHIBA



RAV - Compact Cassette - Digital Inverter - Series 1

Indoor unit (600X600 Cassette)	RAV-	HM301MUTP-E	HM401MUTP-E	HM561MUTP-E
Fascia Panel	RBC-	UM21P-E	UM21P-E	UM21P-E
Indoor Unit Retail Price (inc. Fascia Panel)		€1,349	€1,359	€1,380
Outdoor unit	RAV-	GM301ATP-E	GM401ATP-E	GM561ATP-E1
Outdoor Unit Retail Price		€895	€1,072	€1,275
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Fascia Panel & Controller) *		€2,423	€2,610	€2,834
Rated Cooling capacity	kW	2.5	3.6	5.0
Rated Heating capacity	kW	3.4	4.0	5.3
UK Cooling Total/Sensible	kW	2.40/1.95	3.45/2.79	4.80/3.50
UK Heating	kW	2.18	2.56	3.79
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.94-4.70 - A+/A++	5.76-4.44 - A+/A+	5.69-4.37 - A+/A+
Weight ID - OD	kg	16 - 33	16 - 39	16 - 38
Dimensions (H x W x D) - ID	mm	256 x 575 x 575	256 x 575 x 575	256 x 575 x 575
Dimensions (H x W x D) - OD	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Indoor Airflow (H-M-L)	l/s	177 - 144 - 122	183 - 153 - 130	221 - 187 - 152
Outdoor Airflow (High)	m3/h - l/s	1800 - 500	2200 - 611	2400 - 667
Sound pressure level (H-M-L) ID / OD**	dB(A)	38-36-30 - 46/47	41-36-32 - 49/50	44-39-35 - 46/48
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4
Min/Max Pipe Length - Height	m	2/20 - 10	2/20 - 10	5/30 - 30
Chargeless pipe length	m	15	15	20
Refrigerant - additional charge	Type/kg/g	R32/0.63/20	R32/0.9/20	R32/1.1/20

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating



RAV - Standard Cassette - Digital Inverter - Series 1

Indoor unit (4-way Cassette)	RAV-	HM561UTP-E	HM801UTP-E	HM901UTP-E
Fascia Panel	RBC-	U33P-E	U33P-E	U33P-E
Indoor Unit Retail Price (inc. Fascia Panel)		€1,216	€1,306	€1,366
Outdoor unit	RAV-	GM561ATP-E1	GM801ATP-E	GM901ATP-E
Outdoor Unit Retail Price		€1,275	€1,684	€1,860
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Fascia Panel & Controller) *		€2,670	€3,169	€3,405
Rated Cooling capacity	kW	5.0	6.7	8.0
Rated Heating capacity	kW	5.3	7.7	9.0
UK Cooling Total/Sensible	kW	4.80/3.60	6.40/4.80	7.83/6.35
UK Heating	kW	3.79	5.51	6.12
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.47-4.60 - A++/A++	5.81-4.42 - A+/A+	7.20-4.60 - A++/A++
Weight ID - OD	kg	20 - 38	20 - 44	24 - 47
Dimensions (H x W x D) - ID	mm	256 x 840 x 840	256 x 840 x 840	319 x 840 x 840
Dimensions (H x W x D) - OD	mm	550 x 780 x 290	550 x 780 x 290	630 x 800 x 300
Indoor Airflow (H-M-L)	l/s	292 - 242 - 217	342 - 267 - 225	444 - 306 - 250
Outdoor Airflow (High)	m3/h - l/s	2400 - 667	2700 - 750	2900 - 806
Sound pressure level (H-M-L) ID / OD**	dB(A)	32-29-28 - 46/48	35-31-28 - 48/52	40-36-33 - 51/55
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/30 - 30	5/30 - 30	5/50 - 30
Chargeless pipe length	m	20	20	20
Refrigerant - additional charge	Type/kg/g	R32/1.1/20	R32/1.3/35	R32/2.0/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

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RAV - Standard Cassette - Digital Inverter - Series 1 (Continued)

Indoor unit (4-way Cassette)	RAV-	HM1101UTP-E	HM1101UTP-E	HM1401UTP-E
Fascia Panel	RBC-	U33P-E	U33P-E	U33P-E
Indoor Unit Retail Price (inc. Fascia Panel)		€1,425	€1,425	€1,457
Outdoor unit	RAV-	GM1101ATP-E	GM1101AT8P-E	GM1401ATP-E1
Outdoor Unit Retail Price		€2,218	€2,561	€2,338
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Fascia Panel & Controller)*		€3,822	€4,165	€3,974
Rated Cooling capacity	kW	9.5	9.5	12.0
Rated Heating capacity	kW	11.2	11.2	13.0
UK Cooling Total/Sensible	kW	9.10/7.56	9.10/7.56	11.40/8.80
UK Heating	kW	8.01	8.01	9.3
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.15-4.28 - A++/A+	6.15-4.28 - A++/A+	5.71-4.29 - A+/A+
Weight ID - OD	kg	24 - 68	24 - 68	24 - 68
Dimensions (H x W x D) - ID	mm	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
Indoor Airflow (H-M-L)	l/s	558 - 400 - 325	558 - 400 - 325	583 - 400 - 342
Outdoor Airflow (High)	m ³ /h - l/s	4080 - 1133	4080 - 1133	4200 - 1167
Sound pressure level (H-M-L) ID / OD**	dB(A)	43-38-33 - 54/57	43-38-33 - 54/57	44-38-34 - 55/57
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 20	380/415-3-50 & 10	220/240-1-50 & 32
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/50 - 30	5/50 - 30	5/50 - 30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.1/35	R32/2.1/35	R32/2.1/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating



RAV - Standard Cassette - Digital Inverter - Series 1 (Continued)

Indoor unit (4-way Cassette)	RAV-	HM1401UTP-E	HM1601UTP-E	HM1601UTP-E
Fascia Panel	RBC-	U33P-E	U33P-E	U33P-E
Indoor Unit Retail Price (inc. Fascia Panel)		€1,457	€1,558	€1,558
Outdoor unit	RAV-	GM1401AT8P-E1	GM1601ATP-E	GM1601AT8P-E
Outdoor Unit Retail Price		€2,698	€3,145	€3,491
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Fascia Panel & Controller)*		€4,334	€4,882	€5,228
Rated Cooling capacity	kW	12.0	14.0	14.0
Rated Heating capacity	kW	13.0	16.0	16.0
UK Cooling Total/Sensible	kW	11.40/8.80	13.30/9.70	13.30/9.70
UK Heating	kW	9.3	10.88	10.88
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.71-4.29 - A+/A+	6.30-4.35 - 249.0/171.0	6.30-4.35 - 249.0/171.0
Weight ID - OD	kg	24 - 68	24 - 95	24 - 94
Dimensions (H x W x D) - ID	mm	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
Indoor Airflow (H-M-L)	l/s	583 - 400 - 342	592 - 408 - 350	592 - 408 - 350
Outdoor Airflow (High)	m3/h - l/s	4200 - 1167	6900 - 1917	6900 - 1917
Sound pressure level (H-M-L) ID / OD**	dB(A)	44-38-34 - 55/57	45-40-36 - 53/55	45-40-36 - 53/55
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 16	220/240-1-50 & 32	380/415-3-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/50 - 30	5/50 - 30	5/50 - 30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.1/35	R32/2.4/35	R32/2.4/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

TOSHIBA



RAV - Ceiling Type - Digital Inverter - Series 1

Indoor unit (Ceiling)	RAV-	HM401CTP-E	HM561CTP-E	HM801CTP-E
Indoor Unit Retail Price		€945	€1,032	€1,220
Outdoor unit	RAV-	GM401ATP-E	GM561ATP-E1	GM801ATP-E
Outdoor Unit Retail Price		€1,072	€1,275	€1,684
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€2,196	€2,486	€3,083
Rated Cooling capacity	kW	3.6	5.0	6.9
Rated Heating capacity	kW	4.0	5.3	7.7
UK Cooling Total/Sensible	kW	3.45/2.89	4.80/3.06	6.60/5.00
UK Heating	kW	2.56	3.79	5.51
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.34-5.10 - A++/A+++	5.61-4.32 - A/A+	5.62-4.21 - A+/A+
Weight ID - OD	kg	23 - 39	23 - 38	29 - 44
Dimensions (H x W x D) - ID	mm	235 x 950 x 690	235 x 950 x 690	235 x 1270 x 690
Dimensions (H x W x D) - OD	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Indoor Airflow (H-M-L)	l/s	250 - 200 - 150	250 - 200 - 150	392 - 278 - 208
Outdoor Airflow (High)	m ³ /h - l/s	2200 - 611	2400 - 667	2700 - 750
Sound pressure level (H-M-L) ID / OD**	dB(A)	37-35-28 - 49/50	37-35-28 - 46/48	41-36-29 - 48/52
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 16	220/240-1-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8
Min/Max Pipe Length - Height	m	2/20 - 10	5/30 - 30	5/30 - 30
Chargeless pipe length	m	15	20	20
Refrigerant - additional charge	Type/kg/g	R32/0.9/20	R32/1.1/20	R32/1.3/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating



RAV - Ceiling Type - Digital Inverter - Series 1 (Continued)

Indoor unit (Ceiling)	RAV-	HM901CTP-E	HM1101CTP-E	HM1101CTP-E
Indoor Unit Retail Price		€1,275	€1,331	€1,331
Outdoor unit	RAV-	GM901ATP-E	GM1101ATP-E	GM1101AT8P-E
Outdoor Unit Retail Price		€1,860	€2,218	€2,561
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€3,314	€3,728	€4,071
Rated Cooling capacity	kW	8.0	9.5	9.5
Rated Heating capacity	kW	9.0	11.2	11.2
UK Cooling Total/Sensible	kW	7.83/6.61	9.10/7.18	9.10/7.18
UK Heating	kW	6.12	8.01	9.30
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.10-4.60 - A++/A++	5.86-4.27 - A+/A+	5.86-4.27 - A+/A+
Weight ID - OD	kg	37 - 47	37 - 68	37 - 68
Dimensions (H x W x D) - ID	mm	235 x 1586 x 690	235 x 1586 x 690	235 x 1586 x 690
Dimensions (H x W x D) - OD	mm	630 x 800 x 300	890 x 900 x 320	890 x 900 x 320
Indoor Airflow (H-M-L)	l/s	444 - 278 - 250	517 - 375 - 283	517 - 375 - 283
Outdoor Airflow (High)	m3/h - l/s	2900 - 806	4080 - 1133	4080 - 1133
Sound pressure level (H-M-L) ID / OD**	dB(A)	43-36-29 - 48/52	44-38-32 - 54/57	44-38-32 - 54/57
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 20	220/240-1-50 & 20	380/415-3-50 & 10
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/50 - 30	5/50 - 30	5/50 - 30
Chargeless pipe length	m	20	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.0/35	R32/2.1/35	R32/2.1/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

TOSHIBA



RAV - Ceiling Type - Digital Inverter - Series 1 (Continued)

Indoor unit (Ceiling)	RAV-	HM1401CTP-E	HM1401CTP-E
Indoor Unit Retail Price		€1,677	€1,677
Outdoor unit	RAV-	GM1401ATP-E1	GM1401AT8P-E1
Outdoor Unit Retail Price		€2,338	€2,698
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€4,194	€4,554
Rated Cooling capacity	kW	12.1	12.1
Rated Heating capacity	kW	13.0	13.0
UK Cooling Total/Sensible	kW	11.50/8.40	11.50/8.40
UK Heating	kW	9.3	9.3
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.36-4.19 - 211.4/164.6	5.36-4.19 - 211.4/164.6
Weight ID - OD	kg	37 - 68	37 - 68
Dimensions (H x W x D) - ID	mm	235 x 1586 x690	235 x 1586 x690
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320
Indoor Airflow (H-M-L)	l/s	567 - 425 - 333	567 - 425 - 333
Outdoor Airflow (High)	m3/h - l/s	4200 - 1167	4200 - 1167
Sound pressure level (H-M-L) ID / OD**	dB(A)	46-41-35 - 55/57	46-41-35 - 55/57
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 32	380/415-3-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/50 - 30	5/50 - 30
Chargeless pipe length	m	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.1/35	R32/2.1/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating



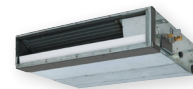
RAV - Ceiling Type - Digital Inverter - Series 1 (Continued)

Indoor unit (Ceiling)	RAV-	HM1601CTP-E	HM1601CTP-E
Indoor Unit Retail Price		€1,708	€1,708
Outdoor unit	RAV-	GM1601ATP-E	GM1601AT8P-E
Outdoor Unit Retail Price		€3,145	€3,491
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€5,032	€5,378
Rated Cooling capacity	kW	14.0	14.0
Rated Heating capacity	kW	16.0	16.0
UK Cooling Total/Sensible	kW	13.30/9.30	13.30/9.30
UK Heating	kW	10.88	10.88
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.90-4.35 - 233.0/161.0	5.90-4.35 - 233.0/161.0
Weight ID - OD	kg	37 - 95	37 - 94
Dimensions (H x W x D) - ID	mm	235 x 1586 x690	235 x 1586 x690
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1340 x 900 x 320
Indoor Airflow (H-M-L)	l/s	567 - 425 - 333	567 - 425 - 333
Outdoor Airflow (High)	m3/h - l/s	6900 - 1917	6900 - 1917
Sound pressure level (H-M-L) ID / OD**	dB(A)	46-42-36 - 53/55	46-42-36 - 53/55
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 32	380/415-3-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/50 - 30	5/50 - 30
Chargeless pipe length	m	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.4/35	R32/2.4/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

TOSHIBA



RAV - Slim Ducted - Digital Inverter - Series 1

Indoor Unit (Standard Duct)	RAV-	HM561SDTY-E
Indoor Unit Retail Price		€849
Outdoor Unit	RAV-	GM561ATP-E1
Outdoor Unit Retail Price		€1,275
Controller	RBC-	AMSU52-E
Controller Retail Price		€179
System Retail Price (inc. Controller) *		€2,303
Rated Cooling capacity	kW	5.0
Rated Heating capacity	kW	5.3
UK Cooling Total/Sensible	kW	4.80/3.30
UK Heating	kW	3.79
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.68-4.00 - A+/A+
Weight ID - OD	kg	19 - 38
Dimensions (H x W x D) - ID	mm	210 x 900 x 450
Dimensions (H x W x D) - OD	mm	550 x 780 x 290
Indoor Airflow (H-M-L)	l/s	216 - 198 - 180
External Static Pressure (Upper - Lower)	Pa	(50-10)
Outdoor Airflow (High)	m3/h - l/s	2400 - 667
Sound pressure level (H-M-L) ID / OD**	dB(A)	34-32-29 - 46/48
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16
Interconnecting Cable		(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4
Min/Max Pipe Length - Height	m	5/30 - 30
Chargeless pipe length	m	20
Refrigerant - additional charge	Type/kg/g	R32/1.1/20

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating



RAV - Standard Ducted - Digital Inverter - Series 1

Indoor Unit (Standard Duct)	RAV-	HM561BTP-E	HM801BTP-E	HM901BTP-E
Indoor Unit Retail Price		€921	€1,189	€1,274
Outdoor Unit	RAV-	GM561ATP-E1	GM801ATP-E	GM901ATP-E
Outdoor Unit Retail Price		€1,275	€1,684	€1,860
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€2,375	€3,052	€3,313
Rated Cooling capacity	kW	5.0	6.7	8.0
Rated Heating capacity	kW	5.3	7.7	9.0
UK Cooling Total/Sensible	kW	4.80/3.60	6.30/4.90	7.83/5.78
UK Heating	kW	3.79	5.51	6.12
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.39-4.08 - A/A+	5.20-4.13 - A/A+	6.10-4.60 - A++/A++
Weight ID - OD	kg	23 - 38	30 - 44	40 - 47
Dimensions (H x W x D) - ID	mm	275 x 700 x 750	275 x 1000 x 750	275 x 1400 x 750
Dimensions (H x W x D) - OD	mm	550 x 780 x 290	550 x 780 x 290	630 x 800 x 300
Indoor Airflow (H-M-L)	l/s	222 - 175 - 133	333 - 258 - 208	472 - 375 - 278
External Static Pressure (Upper - Lower)	Pa	(120 - 30)	(120 - 30)	(120 - 30)
Outdoor Airflow (High)	m3/h - l/s	2400 - 667	2700 - 750	2900 - 806
Sound pressure level (H-M-L) ID / OD**	dB(A)	33-29-25 - 46/48	34-30-26 - 48/52	37-33-30 - 51/55
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 20
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/30 - 30	5/30 - 30	5/50 - 30
Chargeless pipe length	m	20	20	20
Refrigerant - additional charge	Type/kg/g	R32/1.1/20	R32/1.3/35	R32/2.0/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

TOSHIBA



RAV - Standard Ducted - Digital Inverter - Series 1 (Continued)

Indoor Unit (Standard Duct)	RAV-	HM1101BTP-E	HM1101BTP-E	HM1401BTP-E
Indoor Unit Retail Price		€1,359	€1,359	€1,517
Outdoor Unit	RAV-	GM1101ATP-E	GM1101AT8P-E	GM1401ATP-E1
Outdoor Unit Retail Price		€2,218	€2,561	€2,338
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€3,756	€4,099	€4,034
Rated Cooling capacity	kW	9.5	9.5	12.1
Rated Heating capacity	kW	11.2	11.2	13.0
UK Cooling Total/Sensible	kW	9.10/7.37	9.10/7.37	11.15/8.90
UK Heating	kW	8.01	8.01	9.3
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.28-4.19 - A/A+	5.28-4.19 - A/A+	5.36-4.19 - 211.4/164.6
Weight ID - OD	kg	40 - 68	40 - 68	40 - 68
Dimensions (H x W x D) - ID	mm	275 x 1400 x 750	275 x 1400 x 750	275 x 1400 x 750
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
Indoor Airflow (H-M-L)	l/s	583 - 458 - 350	583 - 458 - 350	583 - 458 - 350
External Static Pressure (Upper - Lower)	Pa	(120 - 30)	(120 - 30)	(120 - 30)
Outdoor Airflow (High)	m3/h - l/s	4080 - 1133	4080 - 1133	4200 - 1167
Sound pressure level (H-M-L) ID / OD**	dB(A)	40-36-33 - 54/57	40-36-33 - 54/57	40-36-33 - 55/57
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 20	380/415-3-50 & 10	220/240-1-50 & 32
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/50 - 30	5/50 - 30	5/50 - 30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.1/35	R32/2.1/35	R32/2.1/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating



RAV - Standard Ducted - Digital Inverter - Series 1 (Continued)

Indoor Unit (Standard Duct)	RAV-	HM1401BTP-E	HM1601BTP-E	HM1601BTP-E
Indoor Unit Retail Price		€1,517	€1,655	€1,655
Outdoor Unit	RAV-	GM1401AT8P-E1	GM1601ATP-E	GM1601AT8P-E
Outdoor Unit Retail Price		€2,698	€3,145	€3,491
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€4,394	€4,979	€5,325
Rated Cooling capacity	kW	12.1	14.0	14.0
Rated Heating capacity	kW	13.0	16.0	16.0
UK Cooling Total/Sensible	kW	11.15/8.90	13.30/9.70	13.30/9.70
UK Heating	kW	9.3	10.88	10.88
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.36-4.19 - 211.4/164.6	5.30-3.90 - 209.0/153.0	5.30-3.90 - 209.0/153.0
Weight ID - OD	kg	40 - 68	40 - 95	40 - 94
Dimensions (H x W x D) - ID	mm	275 x 1400 x 750	275 x 1400 x 750	275 x 1400 x 750
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
Indoor Airflow (H-M-L)	l/s	583 - 458 - 350	583 - 458 - 350	583 - 458 - 350
External Static Pressure (Upper - Lower)	Pa	(120 - 30)	(120 - 30)	(120 - 30)
Outdoor Airflow (High)	m3/h - l/s	4200 - 1167	6900 - 1917	6900 - 1917
Sound pressure level (H-M-L) ID / OD**	dB(A)	40-36-33 - 55/57	40-36-33 - 53/55	40-36-33 - 53/55
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 16	220/240-1-50 & 32	380/415-3-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/50 - 30	5/50 - 30	5/50 - 30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.1/35	R32/2.4/35	R32/2.4/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

TOSHIBA



RAV - High Static Ducted - Big Digital Inverter - Series 1

Indoor Unit (High Static Duct)	RAV-	RM2241DTP-E2	RM2801DTP-E2
Indoor Unit Retail Price		€4,145	€4,393
Outdoor Unit	RAV-	GM2243AT8P-E	GM2803AT8P-E
Outdoor Unit Retail Price		€5,359	€5,440
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€9,683	€10,012
Rated Cooling capacity	kW	19.0	22.5
Rated Heating capacity	kW	22.4	24.0
UK Cooling Total/Sensible	kW	18.56/15.62	21.98/19.54
UK Heating	kW	00014	00015
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.30-3.80 - 249.0/149.0	5.50-3.70 - 217.0/145.0
Weight ID - OD	kg	97 - 117	97 - 117
Dimensions (H x W x D) - ID	mm	448 x 1400 x 900	448 x 1400 x 900
Dimensions (H x W x D) - OD	mm	890 x 1100 x 460	890 x 1100 x 460
Indoor Airflow (H-M-L)	l/s	1055 - 889 - 694	1333 - 1167 - 972
External Static Pressure (Upper - Lower)	Pa	(250-50)	(250-50)
Outdoor Airflow (High)	m3/h - l/s	6600 - 1833	7600 - 2111
Sound pressure level (H-M-L) ID / OD**	dB(A)	44-40-36 - 58/60	46-42-38 - 61/63
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 25	380/415-3-50 & 25
Interconnecting Cable		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1 1/8 - 1/2	1 1/8 - 1/2
Min/Max Pipe Length - Height	m	5/100 - 30	5/100 - 30
Chargeless pipe length	m	30	30
Refrigerant - additional charge	Type/kg/g	R32/4.6/80	R32/4.6/80

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating



RAV - Floor Standing - Digital Inverter - Series 1

Indoor Unit (Floor Standing)	RAV-	HM561FT-E	HM801FT-E	HM1101FT-E
Indoor Unit Retail Price		€2,272	€2,436	€2,627
Outdoor Unit	RAV-	GM561ATP-E1	GM801ATP-E	GM1101ATP-E
Outdoor Unit Retail Price		€1,275	€1,684	€2,218
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€3,726	€4,299	€5,024
Rated Cooling capacity	kW	5.0	6.7	9.5
Rated Heating capacity	kW	5.3	7.7	11.2
UK Cooling Total/Sensible	kW	4.80/3.40	6.40/4.40	9.00/6.90
UK Heating	kW	3.79	5.51	8.01
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.25-4.00 - A/A+	4.89-3.81 - B/A	5.16-3.92 - A/A
Weight ID - OD	kg	44 - 38	45 - 44	59 - 68
Dimensions (H x W x D) - ID	mm	1750 x 600 x 210	1750 x 600 x 210	1750 x 600 x 390
Dimensions (H x W x D) - OD	mm	550 x 780 x 290	550 x 780 x 290	890 x 900 x 320
Indoor Airflow (H-M-L)	l/s	228 - 194 - 167	258 - 214 - 178	461 - 394 - 325
Outdoor Airflow (High)	m3/h - l/s	2400 - 667	2700 - 750	4080 - 1133
Sound pressure level (H-M-L) ID / OD**	dB(A)	46-42-38 - 46/48	50-45-41 - 48/52	51-46-41 - 54/57
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 20	220/240-1-50 & 20
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/30 - 30	5/30 - 30	5/50 - 30
Chargeless pipe length	m	20	20	30
Refrigerant - additional charge	Type/kg/g	R32/1.1/20	R32/1.3/35	R32/2.1/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

*** TCB-CKC1F blanking plate available as accessories (\$53)

TOSHIBA



RAV - Floor Standing - Digital Inverter - Series 1 (Continued)

Indoor Unit (Floor Standing)	RAV-	HM1101FT-E	HM1401FT-E	HM1401FT-E
Indoor Unit Retail Price		€2,627	€2,755	€2,755
Outdoor Unit	RAV-	GM1101AT8P-E	GM1401ATP-E1	GM1401AT8P-E1
Outdoor Unit Retail Price		€2,561	€2,338	€2,698
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€5,367	€5,272	€5,632
Rated Cooling capacity	kW	9.5	12.1	12.1
Rated Heating capacity	kW	11.2	13.0	13.0
UK Cooling Total/Sensible	kW	9.50/7.10	11.50/8.20	11.50/8.20
UK Heating	kW	8.01	9.30	9.30
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.16-3.92 - A/A	4.86-3.90 - 191.4/153.0	4.86-3.90 - 191.4/153.0
Weight ID - OD	kg	59 - 68	59 - 68	59 - 68
Dimensions (H x W x D) - ID	mm	1750 x 600 x 390	1750 x 600 x 390	1750 x 600 x 390
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
Indoor Airflow (H-M-L)	l/s	461 - 394 - 325	489 - 411 - 375	489 - 411 - 375
Outdoor Airflow (High)	m3/h - l/s	4080 - 1133	4200 - 1167	4200 - 1167
Sound pressure level (H-M-L) ID / OD**	dB(A)	51-46-41 - 54/57	53-48-45 - 55/57	53-48-45 - 55/57
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 10	220/240-1-50 & 32	380/415-3-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	5/50 - 30	5/50 - 30	5/50 - 30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.1/35	R32/2.1/35	R32/2.1/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

*** TCB-CKC1F blanking plate available as accessories (\$53)



RAV Twin-Split High-Wall - Digital Inverter - Series 1

Indoor unit x2	RAV-	HM301KRTP-E	HM401KRTP-E	HM561KRTP-E
Indoor Unit Retail Price (Each)		€485	€527	€650
Outdoor unit	RAV-	GM561ATP-E1	GM801ATP-E	GM1101ATP-E
Outdoor Unit Retail Price		€1,275	€1,684	€2,218
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€2,424	€2,917	€3,697
Rated Cooling capacity	kW	5.0	6.7	9.5
Rated Heating capacity	kW	5.3	7.7	11.2
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.19-4.00 - A++/A+	5.73-4.01 - A+/A+	5.32-4.19 - A/A+
Dimensions (H x W x D) - ID	mm	293 x 798 x 230	293 x 798 x 230	320 x 1050 x 250
Dimensions (H x W x D) - OD	mm	550 x 780 x 290	550 x 780 x 290	890 x 900 x 320
Weight ID - OD	kg	10 - 38	10 - 44	14 - 68
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 20
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 30/30	5 - 30/30	5 - 50/30
Chargeless pipe length	m	20	20	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/1.1/20-20	R32/1.3/35-20	R32/2.1/35-20

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Twin-Split High-Wall - Digital Inverter - Series 1 (Continued)

Indoor unit x2	RAV-	HM561KRTP-E	HM801KRTP-E	HM801KRTP-E
Indoor Unit Retail Price (Each)		€650	€700	€700
Outdoor unit	RAV-	GM1101AT8P-E	GM1401ATP-E1	GM1401AT8P-E1
Outdoor Unit Retail Price		€2,561	€2,338	€2,698
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€4,040	€3,917	€4,277
Rated Cooling capacity	kW	9.5	12.1	12.1
Rated Heating capacity	kW	11.2	13.0	13.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.32-4.19 - A/A+	5.24-4.19 - 206.6/164.6	5.24-4.17 - 206.6/163.8
Dimensions (H x W x D) - ID	mm	320 x 1050 x 250	320 x 1050 x 250	320 x 1050 x 250
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
Weight ID - OD	kg	14 - 68	14 - 68	14 - 68
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 10	220/240-1-50 & 32	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.1/35-20	R32/2.1/35-35	R32/2.1/35-35

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Twin-Split High-Wall - Digital Inverter - Series 1 (Continued)

Indoor unit x2	RAV-	HM801KRTP-E	HM801KRTP-E	HM1101KRTP-E
Indoor Unit Retail Price (Each)		€700	€700	€842
Outdoor unit	RAV-	GM1601ATP-E	GM1601AT8P-E	GM2243AT8P-E
Outdoor Unit Retail Price		€3,145	€3,491	€5,359
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€4,724	€5,070	€7,222
Rated Cooling capacity	kW	14.0	14.0	20.0
Rated Heating capacity	kW	16.0	16.0	22.4
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.10-4.00 - 201.0/157.0	5.10-4.00 - 201.0/157.0	6.14-3.83 - 242.6/150.2
Dimensions (H x W x D) - ID	mm	320 x 1050 x 250	320 x 1050 x 250	319 x 840 x 840
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1340 x 900 x 320	890 x 1100 x 460
Weight ID - OD	kg	14 - 95	14 - 94	24 - 117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 32	380/415-3-50 & 16	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30	5/100 - 30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.4/35-35	R32/2.4/35-35	R32/4.6/80-40

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Twin-Split Compact Cassette - Digital Inverter - Series 1

Indoor unit x2	RAV-	HM301MUTP-E	HM401MUTP-E
Indoor Unit Retail Price (Each)		€1,349	€1,359
Outdoor unit	RAV-	GM561ATP-E1	GM801ATP-E
Outdoor Unit Retail Price		€1,275	€1,684
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€4,152	€4,581
Rated Cooling capacity	kW	5.0	6.7
Rated Heating capacity	kW	5.3	7.7
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.69-4.37 - A+/A+	*/-
Dimensions (H x W x D) - ID	mm	256 x 575 x 575	256 x 575 x 575
Dimensions (H x W x D) - OD	mm	550 x 780 x 290	550 x 780 x 290
Weight ID - OD	kg	16 - 38	16 - 44
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	1/2 - 1/4	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 30/30	5 - 30/30
Chargeless pipe length	m	20	20
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/1.1/20-20	R32/1.3/35-20

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (£229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

*/- Awaiting factory data



RAV Twin-Split Compact Cassette - Digital Inverter - Series 1 (Continued)

Indoor unit x2	RAV-	HM561MUTP-E	HM561MUTP-E
Indoor Unit Retail Price (Each)		€1,380	€1,380
Outdoor unit	RAV-	GM1101ATP-E	GM1101AT8P-E
Outdoor Unit Retail Price		€2,218	€2,561
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€5,157	€5,500
Rated Cooling capacity	kW	9.5	9.5
Rated Heating capacity	kW	11.2	11.2
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.50-4.02 - A/A+	5.50-4.02 - A/A+
Dimensions (H x W x D) - ID	mm	256 x 575 x 575	256 x 575 x 575
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320
Weight ID - OD	kg	16 - 68	16 - 68
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 20	380/415-3-50 & 10
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.1/35-20	R32/2.1/35-20

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (£229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

*/- Awaiting factory data

TOSHIBA



RAV Twin-Split Standard Cassette - Digital Inverter - Series 1

Indoor unit x2	RAV-	HM561UTP-E	HM561UTP-E	HM801UTP-E
Indoor Unit Retail Price (Each)		€1,216	€1,216	€1,306
Outdoor unit	RAV-	GM1101ATP-E	GM1101AT8P-E	GM1401ATP-E1
Outdoor Unit Retail Price		€2,218	€2,561	€2,338
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€4,829	€5,172	€5,129
Rated Cooling capacity	kW	9.5	9.5	12.0
Rated Heating capacity	kW	11.2	11.2	13.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.94-4.28 - A+/A+	5.94-4.28 - A+/A+	5.71-4.29 - A+/A+
Dimensions (H x W x D) - ID	mm	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
Weight ID - OD	kg	20 - 68	20 - 68	20 - 68
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 20	380/415-3-50 & 10	220/240-1-50 & 32
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.1/35-20	R32/2.1/35-20	R32/2.1/35-35

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Twin-Split Standard Cassette - Digital Inverter - Series 1 (Continued)

Indoor unit x2	RAV-	HM801UTP-E	HM801UTP-E	HM801UTP-E
Indoor Unit Retail Price (Each)		€1,306	€1,306	€1,306
Outdoor unit	RAV-	GM1401AT8P-E1	GM1601ATP-E	GM1601AT8P-E
Outdoor Unit Retail Price		€2,698	€3,145	€3,491
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€5,489	€5,936	€6,282
Rated Cooling capacity	kW	12.0	14.0	14.0
Rated Heating capacity	kW	13.0	16.0	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.71-4.29 - A+/A+	6.30-4.35 - 249.0/171.0	6.30-4.35 - 249.0/171.0
Dimensions (H x W x D) - ID	mm	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	20 - 68	20 - 95	20 - 94
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	220/240-1-50 & 32	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.1/35-35	R32/2.4/35-35	R32/2.4/35-35

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Twin-Split Standard Cassette - Digital Inverter - Series 1 (Continued)

Indoor unit x2	RAV-	HM1101UTP-E	HM1401UTP-E
Indoor Unit Retail Price (Each)		€1,425	€1,457
Outdoor unit	RAV-	GM2243AT8P-E	GM2803AT8P-E
Outdoor Unit Retail Price		€5,359	€5,440
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€8,388	€8,533
Rated Cooling capacity	kW	20.0	23.5
Rated Heating capacity	kW	22.4	27.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.28-4.11 - 288.2/161.4	6.36-3.95 - 251.4/155.0
Dimensions (H x W x D) - ID	mm	319 x 840 x 840	319 x 840 x 840
Dimensions (H x W x D) - OD	mm	890 x 1100 x 460	890 x 1100 x 460
Weight ID - OD	kg	24 - 117	24 - 117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	1 1/8 - 1/2	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 100/30	5 - 100/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/4.6/80-40	R32/4.6/80-40

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Twin-Split Ceiling - Digital Inverter - Series 1

Indoor unit x2	RAV-	HM401CTP-E	HM561CTP-E	HM561CTP-E
Indoor Unit Retail Price (Each)		€945	€1,032	€1,032
Outdoor unit	RAV-	GM801ATP-E	GM1101ATP-E	GM1101AT8P-E
Outdoor Unit Retail Price		€1,684	€2,218	€2,561
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€3,753	€4,461	€4,804
Rated Cooling capacity	kW	6.9	9.5	9.5
Rated Heating capacity	kW	7.7	11.2	11.2
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.62-4.21 - A+/A+	5.86-4.28 - A+/A+	5.86-4.28 - A+/A+
Dimensions (H x W x D) - ID	mm	235 x 950 x 690	235 x 950 x 690	235 x 950 x 690
Dimensions (H x W x D) - OD	mm	550 x 780 x 290	890 x 900 x 320	890 x 900 x 320
Weight ID - OD	kg	23 - 44	23 - 68	23 - 68
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 20	380/415-3-50 & 10
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 30/30	5 - 50/30	5 - 50/30
Chargeless pipe length	m	20	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/1.3/35-20	R32/2.1/35-20	R32/2.1/35-20

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Twin-Split Ceiling - Digital Inverter - Series 1 (Continued)

Indoor unit x2	RAV-	HM801CTP-E	HM801CTP-E	HM801CTP-E
Indoor Unit Retail Price (Each)		€1,220	€1,220	€1,220
Outdoor unit	RAV-	GM1401ATP-E1	GM1401AT8P-E1	GM1601ATP-E
Outdoor Unit Retail Price		€2,338	€2,698	€3,145
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€4,957	€5,317	€5,764
Rated Cooling capacity	kW	12.1	12.1	14.0
Rated Heating capacity	kW	13.0	13.0	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.36-4.19 - 211.4/164.6	5.36-4.19 - 211.4/164.6	5.90-4.10 - 233.0/161.0
Dimensions (H x W x D) - ID	mm	235 x 1270 x 690	235 x 1270 x 690	235 x 1270 x 690
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	29 - 68	29 - 68	29 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 32	380/415-3-50 & 16	220/240-1-50 & 32
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.1/35-35	R32/2.1/35-35	R32/2.4/35-35

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Twin-Split Ceiling - Digital Inverter - Series 1 (Continued)

Indoor unit x2	RAV-	HM801CTP-E	HM1101CTP-E	HM1401CTP-E
Indoor Unit Retail Price (Each)		€1,220	€1,331	€1,677
Outdoor unit	RAV-	GM1601AT8P-E	GM2243AT8P-E	GM2803AT8P-E
Outdoor Unit Retail Price		€3,491	€5,359	€5,440
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€6,110	€8,200	€8,973
Rated Cooling capacity	kW	14.0	20.0	23.5
Rated Heating capacity	kW	16.0	22.4	27.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.90-4.10 - 233.0/161.0	6.32-3.86 - 249.8/151.4	5.34-3.61 - 210.6/141.4
Dimensions (H x W x D) - ID	mm	235 x 1270 x 690	235 x 1586 x 690	235 x 1586 x 690
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	890 x 1100 x 460	890 x 1100 x 460
Weight ID - OD	kg	29 - 94	37 - 117	37 - 117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 16	380/415-3-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	1 1/8 - 1/2	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 100/30	5 - 100/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.4/35-35	R32/4.6/80-40	R32/4.6/80-40

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Twin-Split Standard Duct - Digital Inverter - Series 1

Indoor unit x2	RAV-	HM561BTP-E	HM561BTP-E	HM801BTP-E
Indoor Unit Retail Price (Each)		€921	€921	€1,189
Outdoor unit	RAV-	GM1101ATP-E	GM1101AT8P-E	GM1401ATP-E1
Outdoor Unit Retail Price		€2,218	€2,561	€2,338
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€4,239	€4,582	€4,895
Rated Cooling capacity	kW	9.5	9.5	12.1
Rated Heating capacity	kW	11.2	11.2	13.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.28-4.22 - A/A+	5.28-4.22 - A/A+	5.36-4.21 - 211.4/165.4
Dimensions (H x W x D) - ID	mm	275 x 700 x 750	275 x 700 x 750	275 x 1000 x 750
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
Weight ID - OD	kg	23 - 68	23 - 68	30 - 68
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 20	380/415-3-50 & 10	220/240-1-50 & 32
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.1/35-20	R32/2.1/35-20	R32/2.1/35-35

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Twin-Split Standard Duct - Digital Inverter - Series 1 (Continued)

Indoor unit x2	RAV-	HM801BTP-E	HM801BTP-E	HM801BTP-E
Indoor Unit Retail Price (Each)		€1,189	€1,189	€1,189
Outdoor unit	RAV-	GM1401AT8P-E1	GM1601ATP-E	GM1601AT8P-E
Outdoor Unit Retail Price		€2,698	€3,145	€3,491
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€5,255	€5,702	€6,048
Rated Cooling capacity	kW	12.1	14.0	14.0
Rated Heating capacity	kW	13.0	16.0	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.36-4.21 - 211.4/165.4	5.30-3.90 - 209.0/153.0	5.30-3.90 - 209.0/153.0
Dimensions (H x W x D) - ID	mm	275 x 1000 x 750	275 x 1000 x 750	275 x 1000 x 750
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	30 - 68	30 - 95	30 - 94
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	220/240-1-50 & 32	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.1/35-35	R32/2.4/35-35	R32/2.4/35-35

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Twin-Split Standard Duct - Digital Inverter - Series 1 (Continued)

Indoor unit x2	RAV-	HM1101BTP-E	HM1401BTP-E
Indoor Unit Retail Price (Each)		€1,359	€1,517
Outdoor unit	RAV-	GM2243AT8P-E	GM2803AT8P-E
Outdoor Unit Retail Price		€5,359	€5,440
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€8,256	€8,653
Rated Cooling capacity	kW	20.0	23.5
Rated Heating capacity	kW	22.4	27.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.0-3.80 - 237.0/149.0	5.32-3.70 - 209.8/142.0
Dimensions (H x W x D) - ID	mm	275 x 1400 x 750	275 x 1400 x 750
Dimensions (H x W x D) - OD	mm	890 x 1100 x 460	890 x 1100 x 460
Weight ID - OD	kg	40 - 117	40 - 117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	1 1/8 - 1/2	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 100/30	5 - 100/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/4.6/80-40	R32/4.6/80-40

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Twin-Split Floor-Standing - Digital Inverter - Series 1

Indoor unit x2	RAV-	HM561FT-E	HM561FT-E	HM801FT-E
Indoor Unit Retail Price (Each)		€2,272	€2,272	€2,436
Outdoor unit	RAV-	GM1101ATP-E	GM1101AT8P-E	GM1401ATP-E1
Outdoor Unit Retail Price		€2,218	€2,561	€2,338
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€6,941	€7,284	€7,389
Rated Cooling capacity	kW	9.5	9.5	12.1
Rated Heating capacity	kW	11.2	11.2	13.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.16-3.92 - A/A	5.16-3.92 - A/A	4.86-3.90 - 191.4/153.0
Dimensions (H x W x D) - ID	mm	1750 x 600 x 210	1750 x 600 x 210	1750 x 600 x 210
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
Weight ID - OD	kg	44 - 68	44 - 68	45 - 68
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 20	380/415-3-50 & 10	220/240-1-50 & 32
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.1/35-20	R32/2.1	R32/2.1

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA

RAV Twin-Split Floor-Standing - Digital Inverter - Series 1 (Continued)

Indoor unit x2	RAV-	HM801FT-E	HM1101FT-E	HM1401FT-E
Indoor Unit Retail Price (Each)		€2,436	€2,627	€2,755
Outdoor unit	RAV-	GM1401AT8P-E1	GM2243AT8P-E	GM2803AT8P-E
Outdoor Unit Retail Price		€2,698	€5,359	€5,440
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€7,749	€10,792	€11,129
Rated Cooling capacity	kW	12.1	20.0	23.5
Rated Heating capacity	kW	13.0	22.4	27.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	4.86-3.90 - 191.4/153.0	5.77-3.65 - 227.8/143.0	5.12-3.53 - 201.8/138.2
Dimensions (H x W x D) - ID	mm	1750 x 600 x 210	1750 x 600 x 390	1750 x 600 x 390
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 1100 x 460	890 x 1100 x 460
Weight ID - OD	kg	45 - 68	59 - 117	59 - 117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 16	380/415-3-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	1 1/8 - 1/2	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 100/30	5 - 100/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.1	R32/4.6/80-40	R32/4.6/80-40

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Triple-Split High-Wall - Digital Inverter - Series 1

Indoor unit x3	RAV-	HM301KRTP-E	HM301KRTP-E	HM401KRTP-E
Indoor Unit Retail Price (Each)		€485	€485	€527
Outdoor unit	RAV-	GM1101ATP-E	GM1101AT8P-E	GM1401ATP-E1
Outdoor Unit Retail Price		€2,218	€2,561	€2,338
Controller*	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) **		€4,186	€4,529	€4,432
Rated Cooling capacity	kW	9.5	9.5	12.1
Rated Heating capacity	kW	11.2	11.2	13.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.32-4.19 - A/A+	5.32-4.19 - A/A+	5.24-4.19 - 206.6/164.6
Dimensions (H x W x D) - ID	mm	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
Weight ID - OD	kg	10 - 68	10 - 68	10 - 68
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 20	380/415-3-50 & 10	220/240-1-50 & 32
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.1/35-20	R32/2.1/35-20	R32/2.1/35-20

* Other control options are available as accessories

** Branch kit RBC-TRP100E (\$290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Triple-Split High-Wall - Digital Inverter - Series 1 (Continued)

Indoor unit x3	RAV-	HM401KRTP-E	HM561KRTP-E	HM561KRTP-E
Indoor Unit Retail Price (Each)		€527	€650	€650
Outdoor unit	RAV-	GM1401AT8P-E1	GM1601ATP-E	GM1601AT8P-E
Outdoor Unit Retail Price		€2,698	€3,145	€3,491
Controller*	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) **		€4,792	€5,608	€5,954
Rated Cooling capacity	kW	12.0	14.0	14.0
Rated Heating capacity	kW	13.0	16.0	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.24-4.17 - 206.6/163.8	5.10-4.10 - 201.0/161.0	5.10-4.00 - 201.0/157.0
Dimensions (H x W x D) - ID	mm	293 x 798 x 230	320 x 1050 x 250	320 x 1050 x 250
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	10 - 68	14 - 95	14 - 94
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	220/240-1-50 & 32	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.1/35-20	R32/2.4/35-20	R32/2.4/35-20

* Other control options are available as accessories

** Branch kit RBC-TRP100E (\$290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Triple-Split High-Wall - Digital Inverter - Series 1 (Continued)

Indoor unit x3	RAV-	HM801 KRTP-E	HM801 KRTP-E
Indoor Unit Retail Price (Each)		€700	€700
Outdoor unit	RAV-	GM2243AT8P-E	GM2803AT8P-E
Outdoor Unit Retail Price		€5,359	€5,440
Controller*	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) **		€7,972	€8,053
Rated Cooling capacity	kW	20.0	23.5
Rated Heating capacity	kW	22.4	27.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.13-3.83 - 242.2/150.2	5.32-3.59 - 209.8/140.6
Dimensions (H x W x D) - ID	mm	320 x 1050 x 250	320 x 1050 x 250
Dimensions (H x W x D) - OD	mm	890 x 1100 x 460	890 x 1100 x 460
Weight ID - OD	kg	14 - 117	14 - 117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	1 1/8 - 1/2	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 100/30	5 - 100/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/4.6/80-40	R32/4.6/80-40

* Other control options are available as accessories

** Branch kit RBC-TRP100E (\$290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Triple-Split Compact Cassette - Digital Inverter - Series 1

Indoor unit x3	RAV-	HM301MUTP-E	HM301MUTP-E	HM401MUTP-E
Indoor Unit Retail Price (Each)		€1,349	€1,349	€1,359
Outdoor unit	RAV-	GM1101ATP-E	GM1101AT8P-E	GM1401ATP-E1
Outdoor Unit Retail Price		€2,218	€2,561	€2,338
Controller*	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) **		€6,778	€7,121	€6,928
Rated Cooling capacity	kW	9.5	9.5	12.0
Rated Heating capacity	kW	11.2	11.2	12.8
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.50-4.02 - A/A+	5.50-4.02 - A/A+	*/-
Dimensions (H x W x D) - ID	mm	256 x 575 x 575	256 x 575 x 575	256 x 575 x 575
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
Weight ID - OD	kg	16 - 68	16 - 68	16 - 68
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 20	380/415-3-50 & 10	220/240-1-50 & 32
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.1/35-20	R32/2.1/35-20	R32/2.1/35-20

* Other control options are available as accessories

** Branch kit RBC-TRP100E (£290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

*/- Awaiting factory data



RAV Triple-Split Compact Cassette - Digital Inverter - Series 1

Indoor unit x3	RAV-	HM401MUTP-E	HM561MUTP-E	HM561MUTP-E
Indoor Unit Retail Price (Each)		€1,359	€1,380	€1,380
Outdoor unit	RAV-	GM1401AT8P-E1	GM1601ATP-E	GM1601AT8P-E
Outdoor Unit Retail Price		€2,698	€3,145	€3,491
Controller*	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) **		€7,288	€7,798	€8,144
Rated Cooling capacity	kW	12.0	14.0	14.0
Rated Heating capacity	kW	12.8	16.0	16.0
SEER - SCOP - Energy Label (ornsc %)	kW/kW	*/-	5.10-4.00 - 201.0/157.0	5.10-4.00 - 201.0/157.0
Dimensions (H x W x D) - ID	mm	256 x 575 x 575	256 x 575 x 575	256 x 575 x 575
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	16 - 68	16 - 95	16 - 94
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	220/240-1-50 & 32	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.1/35-20	R32/2.4/35-20	R32/2.4/35-20

* Other control options are available as accessories

** Branch kit RBC-TRP100E (£290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

*/- Awaiting factory data

TOSHIBA



RAV Triple-Split Standard Cassette - Digital Inverter - Series 1

Indoor unit x3	RAV-	HM561UTP-E	HM561UTP-E
Indoor Unit Retail Price (Each)		€1,216	€1,216
Outdoor unit	RAV-	GM1601ATP-E	GM1601AT8P-E
Outdoor Unit Retail Price		€3,145	€3,491
Controller*	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) **		€7,306	€7,652
Rated Cooling capacity	kW	14.0	14.0
Rated Heating capacity	kW	16.0	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.30-4.35 - 249.0/171.0	6.30-4.35 - 249.0/171.0
Dimensions (H x W x D) - ID	mm	256 x 840 x 840	256 x 840 x 840
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	20 - 95	20 - 94
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 32	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.4/35-20	R32/2.4/35-20

* Other control options are available as accessories

** Branch kit RBC-TRP100E (\$290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Triple-Split Standard Cassette - Digital Inverter - Series 1 (Continued)

Indoor unit x3	RAV-	HM801UTP-E	HM801UTP-E
Indoor Unit Retail Price (Each)		€1,306	€1,306
Outdoor unit	RAV-	GM2243AT8P-E	GM2803AT8P-E
Outdoor Unit Retail Price		€5,359	€5,440
Controller*	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) **		€9,790	€9,871
Rated Cooling capacity	kW	20.0	23.5
Rated Heating capacity	kW	22.4	27.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.25-4.11 - 287.0/161.4	6.33-3.95 - 250.2/155.0
Dimensions (H x W x D) - ID	mm	256 x 840 x 840	256 x 840 x 840
Dimensions (H x W x D) - OD	mm	890 x 1100 x 460	890 x 1100 x 460
Weight ID - OD	kg	20 - 117	20 - 117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	1 1/8 - 1/2	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 100/30	5 - 100/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/4.6/80-40	R32/4.6/80-40

* Other control options are available as accessories

** Branch kit RBC-TRP100E (\$290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Triple-Split Ceiling - Digital Inverter - Series 1

Indoor unit x3	RAV-	HM401CTP-E	HM401CTP-E	HM561CTP-E
Indoor Unit Retail Price (Each)		€945	€945	€1,032
Outdoor unit	RAV-	GM1401ATP-E1	GM1401AT8P-E1	GM1601ATP-E
Outdoor Unit Retail Price		€2,338	€2,698	€3,145
Controller*	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) **		€5,686	€6,046	€6,754
Rated Cooling capacity	kW	12.1	12.1	14.0
Rated Heating capacity	kW	12.8	12.8	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.36-4.19 - 211.4/164.6	5.36-4.19 - 211.4/164.6	5.90-4.10 - 233.0/161.0
Dimensions (H x W x D) - ID	mm	235 x 950 x 690	235 x 950 x 690	235 x 950 x 690
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	23 - 68	23 - 68	23 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 32	380/415-3-50 & 16	220/240-1-50 & 32
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.1/35-20	R32/2.1/35-20	R32/2.4/35-20

* Other control options are available as accessories

** Branch kit RBC-TRP100E (£290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Triple-Split Celling - Digital Inverter - Series 1 (Continued)

Indoor unit x3	RAV-	HM561CTP-E	HM801CTP-E	HM801CTP-E
Indoor Unit Retail Price (Each)		€1,032	€1,220	€1,220
Outdoor unit	RAV-	GM1601AT8P-E	GM2243AT8P-E	GM2803AT8P-E
Outdoor Unit Retail Price		€3,491	€5,359	€5,440
Controller*	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) **		€7,100	€9,532	€9,613
Rated Cooling capacity	kW	14.0	20.0	23.5
Rated Heating capacity	kW	16.0	22.4	27.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.90-4.10 - 233.0/161.0	6.27-3.86 - 247.8/151.4	5.29-3.61 - 208.6/141.4
Dimensions (H x W x D) - ID	mm	235 x 950 x 690	235 x 1270 x 690	235 x 1270 x 690
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	890 x 1100 x 460	890 x 1100 x 460
Weight ID - OD	kg	23 - 94	29 - 117	29 - 117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 16	380/415-3-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	1 1/8 - 1/2	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 100/30	5 - 100/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.4/35-20	R32/4.6/80-40	R32/4.6/80-40

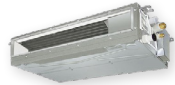
* Other control options are available as accessories

** Branch kit RBC-TRP100E (\$290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Triple-Split Slim Duct - Digital Inverter - Series 1

Indoor unit x3	RAV-	HM801SDTY-E	HM801SDTY-E
Indoor Unit Retail Price (Each)		€950	€950
Outdoor unit	RAV-	GM2243AT8P-E	GM2803AT8P-E
Outdoor Unit Retail Price		€5,359	€5,440
Controller*	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) **		€8,722	€8,803
Rated Cooling capacity	kW	20.0	23.5
Rated Heating capacity	kW	22.4	27.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.09-3.93 - 240.6/154.2	5.03-3.53 - 198.2/138.2
Dimensions (H x W x D) - ID	mm	210 x 900 x 450	210 x 1100 x 450
Dimensions (H x W x D) - OD	mm	890 x 1100 x 460	890 x 1100 x 460
Weight ID - OD	kg	19 -117	22 -117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	1 1/8 - 1/2	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 100/30	5 - 100/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/4.6/80-40	R32/4.6/80-40

* Other control options are available as accessories

** Branch kit RBC-TRP100E (£290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Triple-Split Standard Duct - Digital Inverter - Series 1

Indoor unit x3	RAV-	HM561BTP-E	HM561BTP-E
Indoor Unit Retail Price (Each)		€921	€921
Outdoor unit	RAV-	GM1601ATP-E	GM1601AT8P-E
Outdoor Unit Retail Price		€3,145	€3,491
Controller*	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) **		€6,421	€6,767
Rated Cooling capacity	kW	14.0	14.0
Rated Heating capacity	kW	16.0	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.30-3.90 - 209.0/153.0	5.30-3.90 - 209.0/153.0
Dimensions (H x W x D) - ID	mm	275 x 700 x 750	275 x 700 x 750
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	23 - 95	23 - 94
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 32	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.4/35-20	R32/2.4/35-20

* Other control options are available as accessories

** Branch kit RBC-TRP100E (£290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Triple-Split Standard Duct - Digital Inverter - Series 1 (Continued)

Indoor unit x3	RAV-	HM801BTP-E	HM801BTP-E
Indoor Unit Retail Price (Each)		€1,189	€1,189
Outdoor unit	RAV-	GM2243AT8P-E	GM2803AT8P-E
Outdoor Unit Retail Price		€5,359	€5,440
Controller*	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) **		€9,439	€9,520
Rated Cooling capacity	kW	20.0	23.5
Rated Heating capacity	kW	22.4	27.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.95-3.80 - 235.0/149.0	5.29-3.70 - 208.6/145.0
Dimensions (H x W x D) - ID	mm	275 x 1000 x 750	275 x 1000 x 750
Dimensions (H x W x D) - OD	mm	890 x 1100 x 460	890 x 1100 x 460
Weight ID - OD	kg	30 - 117	30 - 117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	1 1/8 - 1/2	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 100/30	5 - 100/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/4.6/80-40	R32/4.6/80-40

* Other control options are available as accessories

** Branch kit RBC-TRP100E (\$290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Triple-Split Floor-Standing - Digital Inverter - Series 1

Indoor unit x3	RAV-	HM801FT-E	HM801FT-E
Indoor Unit Retail Price (Each)		€2,436	€2,436
Outdoor unit	RAV-	GM2243AT8P-E	GM2803AT8P-E
Outdoor Unit Retail Price		€5,359	€5,440
Controller*	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) **		€13,180	€13,261
Rated Cooling capacity	kW	20.0	23.5
Rated Heating capacity	kW	22.4	27.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.70-3.65 - 225.0/143.0	5.07-3.53 - 199.8/138.2
Dimensions (H x W x D) - ID	mm	1750 x 600 x 210	1750 x 600 x 210
Dimensions (H x W x D) - OD	mm	890 x 1100 x 460	890 x 1100 x 460
Weight ID - OD	kg	45 - 117	45 - 117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	1 1/8 - 1/2	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 100/30	5 - 100/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/4.6/80-40	R32/4.6/80-40

* Other control options are available as accessories

** Branch kit RBC-TRP100E (\$290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Quad-Split High-Wall - Digital Inverter - Series 1

Indoor unit x4	RAV-	HM301KRTP-E	HM301KRTP-E	HM401KRTP-E
Indoor Unit Retail Price (Each)		€485	€485	€527
Outdoor unit	RAV-	GM1401ATP-E1	GM1401AT8P-E1	GM1601ATP-E
Outdoor Unit Retail Price		€2,338	€2,698	€3,145
Controller*	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) **		€4,457	€4,817	€5,432
Rated Cooling capacity	kW	12.1	12.1	14.0
Rated Heating capacity	kW	13.0	13.0	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.24-4.19 - 206.6/164.6	5.24-4.19 - 206.6/164.6	5.10-4.10 - 201.0/161.0
Dimensions (H x W x D) - ID	mm	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	10 - 68	10 - 68	10 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 32	380/415-3-50 & 16	220/240-1-50 & 32
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.1/35-20-20	R32/2.1/35-20-20	R32/2.4/35-20-20

* Other control options are available as accessories

** Branch kit RBC-DTWP102E (£312) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Quad-Split High-Wall - Digital Inverter - Series 1 (Continued)

Indoor unit x4	RAV-	HM401KRTP-E	HM561KRTP-E	HM801KRTP-E
Indoor Unit Retail Price (Each)		€527	€650	€700
Outdoor unit	RAV-	GM1601AT8P-E	GM2243AT8P-E	GM2803AT8P-E
Outdoor Unit Retail Price		€3,491	€5,359	€5,440
Controller*	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) **		€5,778	€8,138	€8,419
Rated Cooling capacity	kW	14.0	20.0	23.5
Rated Heating capacity	kW	16.0	22.4	27.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.10-4.10 - 201.0/161.0	6.10-3.82 - 241.0/149.8	5.32-3.59 - 209.8/140.6
Dimensions (H x W x D) - ID	mm	293 x 798 x 230	320 x 1050 x 250	320 x 1050 x 250
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	890 x 1100 x 460	890 x 1100 x 460
Weight ID - OD	kg	10 - 94	14 - 117	14 - 117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 16	380/415-3-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	1 1/8 - 1/2	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 100/30	5 - 100/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.4/35-20-20	R32/4.6/80-40	R32/4.6/80-40

* Other control options are available as accessories

** Branch kit RBC-DTWP102E (£312) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Quad-Split Compact Cassette - Digital Inverter - Series 1

Indoor unit x4	RAV-	HM301MUTP-E	HM301MUTP-E	HM401MUTP-E
Indoor Unit Retail Price (Each)		€1,349	€1,349	€1,359
Outdoor unit	RAV-	GM1401ATP-E1	GM1401AT8P-E1	GM1601ATP-E
Outdoor Unit Retail Price		€2,338	€2,698	€3,145
Controller*	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) **		€7,913	€8,273	€8,760
Rated Cooling capacity	kW	12.1	12.1	12.1
Rated Heating capacity	kW	12.8	12.8	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	*/-	*/-	5.10-4.00 - 201.0/157.0
Dimensions (H x W x D) - ID	mm	256 x 575 x 575	256 x 575 x 575	256 x 575 x 575
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	16 - 68	16 - 68	16 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 32	380/415-3-50 & 16	220/240-1-50 & 32
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.1/35-20-20	R32/2.1/35-20-20	R32/2.4/35-20-20

* Other control options are available as accessories

** Branch kit RBC-DTWP102E (£312) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

*/- Awaiting factory data



RAV Quad-Split Compact Cassette - Digital Inverter - Series 1 (Continued)

Indoor unit x4	RAV-	HM401MUTP-E	HM561MUTP-E
Indoor Unit Retail Price (Each)		€1,359	€1,380
Outdoor unit	RAV-	GM1601AT8P-E	GM2243AT8P-E
Outdoor Unit Retail Price		€3,491	€5,359
Controller*	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) **		€9,106	€11,058
Rated Cooling capacity	kW	12.1	20.0
Rated Heating capacity	kW	16.0	22.4
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.10-4.00 - 201.0/157.0	6.59-4.07 - 260.6/159.8
Dimensions (H x W x D) - ID	mm	256 x 575 x 575	256 x 575 x 575
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	890 x 1100 x 460
Weight ID - OD	kg	16 - 94	16 - 117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 100/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.4/35-20-20	R32/4.6/80-40

* Other control options are available as accessories

** Branch kit RBC-DTWP102E (£312) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

*/- Awaiting factory data

TOSHIBA



RAV Quad-Split Standard Cassette - Digital Inverter - Series 1

Indoor unit x4	RAV-	HM561UTP-E	HM801UTP-E
Indoor Unit Retail Price (Each)		€1,216	€1,306
Outdoor unit	RAV-	GM2243AT8P-E	GM2803AT8P-E
Outdoor Unit Retail Price		€5,359	€5,440
Controller*	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) **		€10,402	€10,843
Rated Cooling capacity	kW	20.0	23.5
Rated Heating capacity	kW	22.4	27.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.19-4.11 - 284.6/161.4	6.30-3.95 - 249.0/155.0
Dimensions (H x W x D) - ID	mm	256 x 840 x 840	256 x 840 x 840
Dimensions (H x W x D) - OD	mm	890 x 1100 x 460	890 x 1100 x 460
Weight ID - OD	kg	20 - 117	20 - 117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	1 1/8 - 1/2	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 100/30	5 - 100/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/4.6/80-40	R32/4.6/80-40

* Other control options are available as accessories

** Branch kit RBC-DTWP102E (£312) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Quad-Split Ceiling - Digital Inverter - Series 1

Indoor unit x4	RAV-	HM401CTP-E	HM401CTP-E
Indoor Unit Retail Price (Each)		€945	€945
Outdoor unit	RAV-	GM1601ATP-E	GM1601AT8P-E
Outdoor Unit Retail Price		€3,145	€3,491
Controller*	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) **		€7,104	€7,450
Rated Cooling capacity	kW	14.0	14.0
Rated Heating capacity	kW	16.0	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.90-4.19 - 233/164.6	5.90-4.19 - 233/164.6
Dimensions (H x W x D) - ID	mm	235 x 950 x 690	235 x 950 x 690
Dimensions (H x W x D) - OD	mm	890 x 900 x 320	890 x 900 x 320
Weight ID - OD	kg	23 - 68	23 - 68
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 32	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	5 - 50/30	5 - 50/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.4/35-20-20	R32/2.4/35-20-20

* Other control options are available as accessories

** Branch kit RBC-DTWP102E (£312) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Quad-Split Ceiling - Digital Inverter - Series 1 (Continued)

Indoor unit x4	RAV-	HM561CTP-E	HM801CTP-E
Indoor Unit Retail Price (Each)		€1,032	€1,220
Outdoor unit	RAV-	GM2243AT8P-E	GM2803AT8P-E
Outdoor Unit Retail Price		€5,359	€5,440
Controller*	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) **		€9,666	€10,499
Rated Cooling capacity	kW	20.0	23.5
Rated Heating capacity	kW	22.4	27.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.25-3.86 - 247.0/151.4	5.26-3.61 - 207.4/141.4
Dimensions (H x W x D) - ID	mm	235 x 950 x 690	235 x 1270 x 690
Dimensions (H x W x D) - OD	mm	890 x 1100 x 460	890 x 1100 x 460
Weight ID - OD	kg	29 - 117	29 - 117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	1 1/8 - 1/2	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 100/30	5 - 100/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/4.6/80-40	R32/4.6/80-40

* Other control options are available as accessories

** Branch kit RBC-DTWP102E (£312) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Quad-Split Slim Duct - Digital Inverter - Series 1

Indoor unit x4	RAV-	HM561SDTY-E	HM801SDTY-E
Indoor Unit Retail Price (Each)		€849	€950
Outdoor unit	RAV-	GM2243AT8P-E	GM2803AT8P-E
Outdoor Unit Retail Price		€5,359	€5,440
Controller*	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) **		€8,934	€9,419
Rated Cooling capacity	kW	20.0	23.5
Rated Heating capacity	kW	22.4	27.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.04-3.90 - 238.6/153.0	5.00-3.51 - 197.0/137.4
Dimensions (H x W x D) - ID	mm	210 x 900 x 450	210 x 1100 x 450
Dimensions (H x W x D) - OD	mm	890 x 1100 x 460	890 x 1100 x 460
Weight ID - OD	kg	19 -117	22 -117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	1 1/8 - 1/2	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 100/30	5 - 100/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/4.6/80-40	R32/4.6/80-40

* Other control options are available as accessories

** Branch kit RBC-DTWP102E (£312) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Quad-Split Standard Duct - Digital Inverter - Series 1

Indoor unit x4	RAV-	HM561BTP-E	HM801BTP-E
Indoor Unit Retail Price (Each)		€921	€1,189
Outdoor unit	RAV-	GM2243AT8P-E	GM2803AT8P-E
Outdoor Unit Retail Price		€5,359	€5,440
Controller*	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) **		€9,222	€10,375
Rated Cooling capacity	kW	20.0	23.5
Rated Heating capacity	kW	22.4	27.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.93-3.80 - 234.2/149.0	5.26-3.70 - 207.4/145.0
Dimensions (H x W x D) - ID	mm	275 x 700 x 750	275 x 1000 x 750
Dimensions (H x W x D) - OD	mm	890 x 1100 x 460	890 x 1100 x 460
Weight ID - OD	kg	29 - 117	29 - 117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	1 1/8 - 1/2	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 100/30	5 - 100/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/4.6/80-40	R32/4.6/80-40

* Other control options are available as accessories

** Branch kit RBC-DTWP102E (£312) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Quad-Split Floor-Standing - Digital Inverter - Series 1

Indoor unit x4	RAV-	HM561FT-E	HM561FT-E
Indoor Unit Retail Price (Each)		€2,272	€2,272
Outdoor unit	RAV-	GM2243AT8P-E	GM2803AT8P-E
Outdoor Unit Retail Price		€5,359	€5,440
Controller*	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) **		€14,626	€14,707
Rated Cooling capacity	kW	20.0	23.5
Rated Heating capacity	kW	22.4	27.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.66-3.63 - 223.4/142.2	5.07-3.51 - 199.8/137.4
Dimensions (H x W x D) - ID	mm	1750 x 600 x 210	1750 x 600 x 210
Dimensions (H x W x D) - OD	mm	890 x 1100 x 460	890 x 1100 x 460
Weight ID - OD	kg	29 - 117	29 - 117
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	1 1/8 - 1/2	1 1/8 - 1/2
Min-Max pipe length / Max Height Difference	m	5 - 100/30	5 - 100/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/4.6/80-40	R32/4.6/80-40

* Other control options are available as accessories

** Branch kit RBC-DTWP102E (£312) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

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RAV High-Wall - Super Digital Inverter Series 1

Indoor Unit (High-wall)	RAV-	HM561KRTP-E	HM801KRTP-E	HM1101KRTP-E	HM1101KRTP-E
Indoor Unit Retail Price		€650	€700	€842	€842
Outdoor Unit	RAV-	GP561ATW-E	GP801ATW-E	GP1101AT-E	GP1101AT8-E
Outdoor Unit Retail Price		€1,691	€2,459	€3,562	€3,770
System Retail Price *		€2,341	€3,159	€4,404	€4,612
Rated Cooling capacity	kW	5.0	7.1	10.0	10.0
Rated Heating capacity	kW	5.6	8.0	11.2	11.2
UK Cooling Total/Sensible	kW	4.81/3.66	6.83/5.02	9.50/6.70	9.50/6.70
UK Heating	kW	3.55	5.07	8.00	8.00
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.84-4.19 - A++/A+	7.56-4.16 - A++/A+	7.36-4.42 - A++/A+	6.53-4.22 - A++/A+
Weight ID - OD	kg	14 - 45	14 - 74	19 - 104	19 - 95
Dimensions (H x W x D) - ID	mm	320 x 1050 x 250	320 x 1050 x 250	348 x 1200 x 280	348 x 1200 x 280
Dimensions (H x W x D) - OD	mm	630 x 799 x 299	1050 x 1010 x 370	1550 x 1010 x 370	1340 x 900 x 320
Indoor Airflow (H-M-L)	l/s	267 - 231 - 189	289 - 253 - 189	447 - 375 - 328	447 - 375 - 328
Outdoor Airflow (High)	m3/h - l/s	2250 - 625	3180 - 883	6960 - 1933	6060 - 1683
Sound pressure level (H-M-L) ID / OD**	dB(A)	42-39-35 - 46/48	45-41-35 - 46/48	49-45-41 - 49/50	49-45-41 - 49/50
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 20	380/415-3-50 & 10
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	3/50 - 30	3/50 - 30	3/75 - 30	3/75 - 30
Chargeless pipe length	m	20	30	30	30
Refrigerant - additional charge	Type/kg/g	R32/1.35/20	R32/1.9/35	R32/3.1/35	R32/2.6/40

* Standard wireless remote controller included in system price (WH-TA09NE)

** Figures given for the outdoor unit are cooling/heating

*** Other control options are available as accessories



RAV Smart Cassette - Super Digital Inverter - Series 1

Indoor unit (Smart Cassette)	RAV-	HM561UT-E	HM801UT-E
Fascia Panel	RBC-	U41PG(W)-E	U41PG(W)-E
Indoor Unit Retail Price (inc. Fascia Panel)		€1,492	€1,776
Outdoor unit	RAV-	GP561ATW-E	GP801ATW-E
Outdoor Unit Retail Price		€1,691	€2,459
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Fascia Panel & Controller)*		€3,362	€4,414
Rated Cooling capacity	kW	5.0	7.1
Rated Heating capacity	kW	5.6	8.0
UK Cooling Total/Sensible	kW	4.8/4.0	7.4/6.2
UK Heating	kW	3.55	5.25
SEER - SCOP - Energy Label (or nsc %)	kW/kW	8.17-5.02 - A++/A++	9.72-5.54 - A+++/A+++
Weight ID - OD	kg	20 - 45	25 - 74
Dimensions (H x W x D) - ID	mm	256 x 840 x 840	319 x 840 x 840
Dimensions (H x W x D) - OD	mm	630 x 799 x 299	1050 x 1010 x 370
Indoor Airflow (H-M-L)	l/s	291 - 250 - 208	533 - 360 - 225
Outdoor Airflow (High)	m3/h - l/s	2250 - 625	3180 - 883
Sound pressure level (H-M-L) ID / OD**	dB(A)	32-29-26 - 46/48	42-35-27 - 46/48
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4	5/8 - 3/8
Min/Max Pipe Length - Height	m	3/50 - 30	3/50 - 30
Chargeless pipe length	m	20	30
Refrigerant - additional charge	Type/kg/g	R32/1.35/20	R32/1.9/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

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RAV Smart Cassette - Super Digital Inverter - Series 1

Indoor unit (Smart Cassette)	RAV-	HM1101UT-E	HM1401UT-E
Fascia Panel	RBC-	U41PG(W)-E	U41PG(W)-E
Indoor Unit Retail Price (inc. Fascia Panel)		€1,816	€1,857
Outdoor unit	RAV-	GP1101AT-E	GP1401AT-E1
Outdoor Unit Retail Price		€3,562	€3,910
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Fascia Panel & Controller)*		€5,557	€5,946
Rated Cooling capacity	kW	10.0	12.5
Rated Heating capacity	kW	11.2	14.0
UK Cooling Total/Sensible	kW	9.5/8.0	11.9/9.4
UK Heating	kW	8.00	9.76
SEER - SCOP - Energy Label (or nsc %)	kW/kW	9.25-5.03 - A+++/A++	8.87-5.00 - 351.8/197.0
Weight ID - OD	kg	25 - 104	25 - 104
Dimensions (H x W x D) - ID	mm	319 x 840 x 840	319 x 840 x 840
Dimensions (H x W x D) - OD	mm	1550 x 1010 x 370	1550 x 1010 x 370
Indoor Airflow (H-M-L)	l/s	625 - 458 - 291	625 - 475 - 325
Outdoor Airflow (High)	m ³ /h - l/s	6960 - 1933	6960 - 1933
Sound pressure level (H-M-L) ID / OD**	dB(A)	48-40-31 - 49/50	48-41-33 - 50/51
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 20	220/240-1-50 & 20
Interconnecting Cable		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	3/75 - 30	3/75 - 30
Chargeless pipe length	m	30	30
Refrigerant - additional charge	Type/kg/g	R32/3.1/35	R32/3.1/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating



RAV Compact Cassette - Super Digital Inverter - Series 1

Indoor unit (600x600 Cassette)	RAV-	HM561MUTP-E
Fascia Panel	RBC-	UM21P-E
Indoor Unit Retail Price (inc. Fascia Panel)		€1,380
Outdoor unit	RAV-	GP561ATW-E
Outdoor Unit Retail Price		€1,691
Controller	RBC-	AMSU52-E
Controller Retail Price		€179
System Retail Price (inc. Fascia Panel & Controller)*		€3,250
Rated Cooling capacity	kW	5.0
Rated Heating capacity	kW	5.6
UK Cooling Total/Sensible	kW	4.80/3.60
UK Heating	kW	3.55
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.27-4.32 - A++/A+
Weight ID - OD	kg	16 - 45
Dimensions (H x W x D) - ID	mm	256 x 575 x 575
Dimensions (H x W x D) - OD	mm	630 x 799 x 299
Indoor Airflow (H-M-L)	l/s	221 - 187 - 152
Outdoor Airflow (High)	m ³ /h - l/s	2250 - 625
Sound pressure level (H-M-L) ID / OD**	dB(A)	44-39-35 - 46/48
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16
Interconnecting Cable		(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4
Min/Max Pipe Length - Height	m	3/50 - 30
Chargeless pipe length	m	20
Refrigerant - additional charge	Type/kg/g	R32/1.35/20

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

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RAV Standard Cassette - Super Digital Inverter - Series 1

Indoor unit (4-Way Cassette)	RAV-	HM561UTP-E	HM801UTP-E
Fascia Panel	RBC-	U33P-E	U33P-E
Indoor Unit Retail Price (inc. Fascia Panel)		€1,216	€1,306
Outdoor unit	RAV-	GP561ATW-E	GP801ATW-E
Outdoor Unit Retail Price		€1,691	€2,459
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Fascia Panel & Controller)*		€3,086	€3,944
Rated Cooling capacity	kW	5.0	7.1
Rated Heating capacity	kW	5.6	8.0
UK Cooling Total/Sensible	kW	4.80/3.90	7.40/6.20
UK Heating	kW	3.55	5.25
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.73-4.98 - A++/A++	8.96-5.24 - A+++/A+++
Weight ID - OD	kg	20 - 45	20 - 74
Dimensions (H x W x D) - ID	mm	256 x 840 x 840	256 x 840 x 840
Dimensions (H x W x D) - OD	mm	630 x 799 x 299	1050 x 1010 x 370
Indoor Airflow (H-M-L)	l/s	292 - 242 - 217	342 - 267 - 225
Outdoor Airflow (High)	m3/h - l/s	2250 - 625	3180 - 883
Sound pressure level (H-M-L) ID / OD**	dB(A)	32-29-28 - 46/48	35-31-28 - 46/48
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4	5/8 - 3/8
Min/Max Pipe Length - Height	m	3/50 - 30	3/50 - 30
Chargeless pipe length	m	20	30
Refrigerant - additional charge	Type/kg/g	R32/1.35/20	R32/1.9/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating



RAV Standard Cassette - Super Digital Inverter - Series 1 (Continued)

Indoor unit (4-Way Cassette)	RAV-	HM1101UTP-E	HM1101UTP-E
Fascia Panel	RBC-	U33P-E	U33P-E
Indoor Unit Retail Price (inc. Fascia Panel)		€1,425	€1,425
Outdoor unit	RAV-	GP1101AT-E	GP1101AT8-E
Outdoor Unit Retail Price		€3,562	€3,770
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Fascia Panel & Controller)*		€5,166	€5,374
Rated Cooling capacity	kW	10.0	10.0
Rated Heating capacity	kW	11.2	11.2
UK Cooling Total/Sensible	kW	9.50/7.90	9.50/7.90
UK Heating	kW	8.00	7.31
SEER - SCOP - Energy Label (or nsc %)	kW/kW	9.00-4.76 - A+++/A++	7.32-4.38 - A++/A+
Weight ID - OD	kg	24 - 104	24 - 95
Dimensions (H x W x D) - ID	mm	319 x 840 x 840	319 x 840 x 840
Dimensions (H x W x D) - OD	mm	1550 x 1010 x 370	1340 x 900 x 320
Indoor Airflow (H-M-L)	l/s	558 - 400 - 325	558 - 400 - 325
Outdoor Airflow (High)	m3/h - l/s	6960 - 1933	6060 - 1683
Sound pressure level (H-M-L) ID / OD**	dB(A)	43-38-33 - 49/50	43-38-33 - 49/50
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 20	380/415-3-50 & 10
Interconnecting Cable		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	3/75 - 30	3/75 - 30
Chargeless pipe length	m	30	30
Refrigerant - additional charge	Type/kg/g	R32/3.1/35	R32/2.6/40

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

TOSHIBA



RAV Standard Cassette - Super Digital Inverter - Series 1 (Continued)

Indoor unit (4-Way Cassette)	RAV-	HM1401UTP-E	HM1401UTP-E
Fascia Panel	RBC-	U33P-E	U33P-E
Indoor Unit Retail Price (inc. Fascia Panel)		€1,457	€1,457
Outdoor unit	RAV-	GP1401AT-E1	GP1401AT8-E
Outdoor Unit Retail Price		€3,910	€3,936
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Fascia Panel & Controller)*		€5,546	€5,572
Rated Cooling capacity	kW	12.5	12.5
Rated Heating capacity	kW	14.0	14.0
UK Cooling Total/Sensible	kW	11.90/8.80	11.9/8.80
UK Heating	kW	9.76	9.14
SEER - SCOP - Energy Label (or nsc %)	kW/kW	8.59-4.75 - 340.6/187.0	7.35-4.38 - 291.0/172.2
Weight ID - OD	kg	24 - 104	24 - 95
Dimensions (H x W x D) - ID	mm	319 x 840 x 840	319 x 840 x 840
Dimensions (H x W x D) - OD	mm	1550 x 1010 x 370	1340 x 900 x 320
Indoor Airflow (H-M-L)	l/s	583 - 400 - 342	583 - 400 - 342
Outdoor Airflow (High)	m3/h - l/s	6960 - 1933	6180 - 1717
Sound pressure level (H-M-L) ID / OD**	dB(A)	44-38-34 - 50/51	44-38-34 - 51/52
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 25	380/415-3-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	3/75 - 30	3/75 - 30
Chargeless pipe length	m	30	30
Refrigerant - additional charge	Type/kg/g	R32/3.1/35	R32/2.6/40

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating



RAV Standard Cassette - Super Digital Inverter - Series 1 (Continued)

Indoor unit (4-Way Cassette)	RAV-	HM1601UTP-E
Fascia Panel	RBC-	U33P-E
Indoor Unit Retail Price (inc. Fascia Panel)		€1,558
Outdoor unit	RAV-	GP1601AT8-E
Outdoor Unit Retail Price		€4,185
Controller	RBC-	AMSU52-E
Controller Retail Price		€179
System Retail Price (inc. Fascia Panel & Controller) *		€5,922
Rated Cooling capacity	kW	14.0
Rated Heating capacity	kW	16.0
UK Cooling Total/Sensible	kW	13.3/9.70
UK Heating	kW	10.45
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.99-4.38 - 276.6/172.2
Weight ID - OD	kg	24 - 95
Dimensions (H x W x D) - ID	mm	319 x 840 x 840
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320
Indoor Airflow (H-M-L)	l/s	592 - 408 - 350
Outdoor Airflow (High)	m ³ /h - l/s	6180 - 1717
Sound pressure level (H-M-L) ID / OD**	dB(A)	45-40-36 - 51/53
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 16
Interconnecting Cable		(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8
Min/Max Pipe Length - Height	m	3/75 - 30
Chargeless pipe length	m	30
Refrigerant - additional charge	Type/kg/g	R32/2.6/40

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

TOSHIBA



RAV - Ceiling Type - Super Digital Inverter - Series 1

Indoor unit (Ceiling)	RAV-	HM561CTP-E	HM801CTP-E	HM1101CTP-E
Indoor Unit Retail Price		€1,032	€1,220	€1,331
Outdoor unit	RAV-	GP561ATW-E	GP801ATW-E	GP1101AT-E
Outdoor Unit Retail Price		€1,691	€2,459	€3,562
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€2,902	€3,858	€5,072
Rated Cooling capacity	kW	5.0	7.1	10.0
Rated Heating capacity	kW	5.6	8.0	11.2
UK Cooling Total/Sensible	kW	4.80/3.90	7.40/5.50	9.50/7.90
UK Heating	kW	3.55	5.25	8.00
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.93-4.73 - A++/A++	8.35-5.10 - A++/A++	8.58-4.75 - A+++/A++
Weight ID - OD	kg	23 - 45	29 - 74	37 - 104
Dimensions (H x W x D) - ID	mm	235 x 950 x 690	235 x 1270 x 690	235 x 1586 x 690
Dimensions (H x W x D) - OD	mm	630 x 799 x 299	1050 x 1010 x 370	1550 x 1010 x 370
Indoor Airflow (H-M-L)	l/s	250 - 200 - 150	392 - 278 - 208	517 - 375 - 283
Outdoor Airflow (High)	m3/h - l/s	2250 - 625	3180 - 883	6960 - 1933
Sound pressure level (H-M-L) ID / OD**	dB(A)	37-35-28 - 46/48	41-36-29 - 46/48	44-38-32 - 49/50
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 20
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	3/50 - 30	3/50 - 30	3/75 - 30
Chargeless pipe length	m	20	30	30
Refrigerant - additional charge	Type/kg/g	R32/1.35/20	R32/1.9/35	R32/3.1/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating



RAV - Ceiling Type - Super Digital Inverter - Series 1 (Continued)

Indoor unit (Ceiling)	RAV-	HM1101CTP-E	HM1401CTP-E
Indoor Unit Retail Price		€1,331	€1,677
Outdoor unit	RAV-	GP1101AT8-E	GP1401AT-E1
Outdoor Unit Retail Price		€3,770	€3,910
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€5,280	€5,766
Rated Cooling capacity	kW	10.0	12.5
Rated Heating capacity	kW	11.2	14.0
UK Cooling Total/Sensible	kW	9.50/7.90	11.90/8.90
UK Heating	kW	7.30	9.76
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.80-4.23 - A++/A+	7.99-4.74 - 316.6/186.6
Weight ID - OD	kg	37 - 95	37 - 104
Dimensions (H x W x D) - ID	mm	235 x 1586 x 690	235 x 1586 x 690
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1550 x 1010 x 370
Indoor Airflow (H-M-L)	l/s	517 - 375 - 283	567 - 425 - 333
Outdoor Airflow (High)	m3/h - l/s	6060 - 1683	6960 - 1933
Sound pressure level (H-M-L) ID / OD**	dB(A)	44-38-32 - 49/50	46-41-35 - 50/51
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 10	220/240-1-50 & 25
Interconnecting Cable		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	3/75 - 30	3/75 - 30
Chargeless pipe length	m	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.6/40	R32/3.1/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

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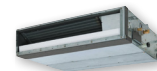


RAV - Ceiling Type - Super Digital Inverter - Series 1 (Continued)

Indoor unit (Ceiling)	RAV-	HM1401CTP-E	HM1601CTP-E
Indoor Unit Retail Price		€1,677	€1,708
Outdoor unit	RAV-	GP1401AT8-E	GP1601AT8-E
Outdoor Unit Retail Price		€3,936	€4,185
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€5,792	€6,072
Rated Cooling capacity	kW	12.5	14.0
Rated Heating capacity	kW	14.0	16.0
UK Cooling Total/Sensible	kW	11.90/8.90	13.30/9.30
UK Heating	kW	9.14	10.45
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.60-4.22 - 261.0/165.8	6.24-4.21 - 246.6/165.4
Weight ID - OD	kg	37 - 95	37 - 95
Dimensions (H x W x D) - ID	mm	235 x 1586 x690	235 x 1586 x690
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1340 x 900 x 320
Indoor Airflow (H-M-L)	l/s	567 - 425 - 333	567 - 425 - 333
Outdoor Airflow (High)	m3/h - l/s	6180 - 1717	6180 - 1717
Sound pressure level (H-M-L) ID / OD**	dB(A)	46-41-35 - 51/52	46-42-36 - 51/53
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	3/75 - 30	3/75 - 30
Chargeless pipe length	m	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.6/40	R32/2.6/40

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating



RAV - Slim Ducted - Super Digital Inverter - Series 1

Indoor unit (Slim Duct)	RAV-	HM561SDTY-E	HM801SDTY-E
Indoor Unit Retail Price		€849	€950
Outdoor unit	RAV-	GP561ATW-E	GP801ATW-E
Outdoor Unit Retail Price		€1,691	€2,459
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€2,719	€3,588
Rated Cooling capacity	kW	5.0	7.1
Rated Heating capacity	kW	5.6	8.0
UK Cooling Total/Sensible	kW	4.32/3.24	6.66/4.77
UK Heating	kW	3.20	4.64
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.15 - 4.23 - A++/A+	6.68 - 4.27 - A++/A+
Weight ID - OD	kg	19 - 45	22 - 74
Dimensions (H x W x D) - ID	mm	210 x 700 x 450	210 x 700 x 450
Dimensions (H x W x D) - OD	mm	630 x 799 x 299	1050 x 1010 x 370
Indoor Airflow (H-M-L)	l/s	216 - 198 - 180	316 - 284 - 252
External Static Pressure (Upper - Lower)	Pa	(50-10)	(50-10)
Outdoor Airflow (High)	m3/h - l/s	2250 - 625	3180 - 883
Sound pressure level (H-M-L) ID / OD**	dB(A)	34-32-29 - 46/48	37-34-32 - 46/48
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4	5/8 - 3/8
Min/Max Pipe Length - Height	m	3/50 - 30	3/50 - 30
Chargeless pipe length	m	20	30
Refrigerant - additional charge	Type/kg/g	R32/1.35/20	R32/1.9/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

TOSHIBA



RAV - Standard Ducted - Super Digital Inverter - Series 1

Indoor unit (Standard Duct)	RAV-	HM561BTP-E	HM801BTP-E	HM1101BTP-E
Indoor Unit Retail Price		€921	€1,189	€1,359
Outdoor unit	RAV-	GP561ATW-E	GP801ATW-E	GP1101AT-E
Outdoor Unit Retail Price		€1,691	€2,459	€3,562
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€2,791	€3,827	€5,100
Rated Cooling capacity	kW	5.0	7.1	10.0
Rated Heating capacity	kW	5.6	8.0	11.2
UK Cooling Total/Sensible	kW	4.80/4.00	7.40/5.30	9.50/7.90
UK Heating	kW	3.55	5.15	8.00
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.81-4.27 - A+/A+	7.86-4.85 - A++/A++	7.19-4.30 - A++/A+
Weight ID - OD	kg	23 - 45	30 - 74	40 - 104
Dimensions (H x W x D) - ID	mm	275 x 700 x 750	275 x 1000 x 750	275 x 1400 x 750
Dimensions (H x W x D) - OD	mm	630 x 799 x 299	1050 x 1010 x 370	1550 x 1010 x 370
Indoor Airflow (H-M-L)	l/s	222 - 175 - 133	333 - 258 - 208	583 - 458 - 350
External Static Pressure (Upper - Lower)	Pa	(120 - 30)	(120 - 30)	(120 - 30)
Outdoor Airflow (High)	m3/h - l/s	2250 - 625	3180 - 883	6960 - 1933
Sound pressure level (H-M-L) ID / OD**	dB(A)	33-29-25 - 46/48	34-30-26 - 46/48	40-36-33 - 49/50
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 20
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	3/50 - 30	3/50 - 30	3/75 - 30
Chargeless pipe length	m	20	30	30
Refrigerant - additional charge	Type/kg/g	R32/1.35/20	R32/1.9/35	R32/3.1/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating



RAV - Standard Ducted - Super Digital Inverter - Series 1 (Continued)

Indoor unit (Standard Duct)	RAV-	HM1101BTP-E	HM1401BTP-E
Indoor Unit Retail Price		€1,359	€1,517
Outdoor unit	RAV-	GP1101AT8-E	GP1401AT-E1
Outdoor Unit Retail Price		€3,770	€3,910
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€5,308	€5,606
Rated Cooling capacity	kW	10.0	12.5
Rated Heating capacity	kW	11.2	14.0
UK Cooling Total/Sensible	kW	9.50/7.90	11.90/9.00
UK Heating	kW	7.31	9.76
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.10-4.19 - A+/A+	6.77-4.29 - 267.8/168.6
Weight ID - OD	kg	40 - 95	40 - 104
Dimensions (H x W x D) - ID	mm	275 x 1400 x 750	275 x 1400 x 750
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1550 x 1010 x 370
Indoor Airflow (H-M-L)	l/s	583 - 458 - 350	583 - 458 - 350
External Static Pressure (Upper - Lower)	Pa	(120 - 30)	(120 - 30)
Outdoor Airflow (High)	m3/h - l/s	6060 - 1683	6960 - 1933
Sound pressure level (H-M-L) ID / OD**	dB(A)	40-36-33 - 49/50	40-36-33 - 50/51
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 10	220/240-1-50 & 25
Interconnecting Cable		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	3/75 - 30	3/75 - 30
Chargeless pipe length	m	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.6/40	R32/3.1/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

TOSHIBA



RAV - Standard Ducted - Super Digital Inverter - Series 1 (Continued)

Indoor unit (Standard Duct)	RAV-	HM1401BTP-E	HM1601BTP-E
Indoor Unit Retail Price		€1,517	€1,655
Outdoor unit	RAV-	GP1401AT8-E	GP1601AT8-E
Outdoor Unit Retail Price		€3,936	€4,185
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€5,632	€6,019
Rated Cooling capacity	kW	12.5	14.0
Rated Heating capacity	kW	14.0	16.0
UK Cooling Total/Sensible	kW	11.90/9.00	13.30/9.70
UK Heating	kW	9.14	10.45
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.03-3.99 - 238.2/156.6	5.82-3.96 - 229.8/155.4
Weight ID - OD	kg	40 - 95	40 - 95
Dimensions (H x W x D) - ID	mm	275 x 1400 x 750	275 x 1400 x 750
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1340 x 900 x 320
Indoor Airflow (H-M-L)	l/s	583 - 458 - 350	583 - 458 - 350
External Static Pressure (Upper - Lower)	Pa	(120 - 30)	(120 - 30)
Outdoor Airflow (High)	m3/h - l/s	6180 - 1717	6180 - 1717
Sound pressure level (H-M-L) ID / OD**	dB(A)	40-36-33 - 51/52	40-36-33 - 51/53
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	3/75 - 30	3/75 - 30
Chargeless pipe length	m	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.6/40	R32/2.6/40

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating



RAV - Floor Standing - Super Digital Inverter - Series 1

Indoor unit (Floor-Standing)	RAV-	HM561FT-E	HM801FT-E	HM1101FT-E
Indoor Unit Retail Price		€2,272	€2,436	€2,627
Outdoor unit	RAV-	GP561ATW-E	GP801ATW-E	GP1101AT-E
Outdoor Unit Retail Price		€1,691	€2,459	€3,562
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€4,142	€5,074	€6,368
Rated Cooling capacity	kW	5.0	7.1	10.0
Rated Heating capacity	kW	5.6	8.0	11.2
UK Cooling Total/Sensible	kW	4.80/3.40	6.70/4.60	9.50/7.10
UK Heating	kW	3.55	5.25	8.00
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.87-4.21 - A+/A+	6.43-4.43 - A++/A+	6.99-4.40 - A++/A+
Weight ID - OD	kg	44 - 45	45 - 74	59 - 104
Dimensions (H x W x D) - ID	mm	1750 x 600 x 210	1750 x 600 x 210	1750 x 600 x 390
Dimensions (H x W x D) - OD	mm	630 x 799 x 299	1050 x 1010 x 370	1550 x 1010 x 370
Indoor Airflow (H-M-L)	l/s	228 - 194 - 167	258 - 214 - 178	461 - 394 - 325
Outdoor Airflow (High)	m3/h - l/s	2250 - 625	3180 - 883	6960 - 1933
Sound pressure level (H-M-L) ID / OD**	dB(A)	46-42-38 - 46/48	50-45-41 - 46/48	51-46-41 - 49/50
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 20
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	3/50 - 30	3/50 - 30	3/75 - 30
Chargeless pipe length	m	20	30	30
Refrigerant - additional charge	Type/kg/g	R32/1.35/20	R32/1.9/35	R32/3.1/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

*** TCB-CKC1F blanking plate available as accessories (\$53)

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RAV - Floor Standing - Super Digital Inverter - Series 1 (Continued)

Indoor unit (Floor-Standing)	RAV-	HM1101FT-E	HM1401FT-E
Indoor Unit Retail Price		€2,627	€2,755
Outdoor unit	RAV-	GP1101AT8-E	GP1401AT-E1
Outdoor Unit Retail Price		€3,770	€3,910
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€6,576	€6,844
Rated Cooling capacity	kW	10.0	12.3
Rated Heating capacity	kW	11.2	13.2
UK Cooling Total/Sensible	kW	9.50/7.10	11.90/8.30
UK Heating	kW	7.31	9.76
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.14-4.02 - A++/A+	6.49-4.38 - 256.6/172.2
Weight ID - OD	kg	59 - 95	59 - 104
Dimensions (H x W x D) - ID	mm	1750 x 600 x 390	1750 x 600 x 390
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1550 x 1010 x 370
Indoor Airflow (H-M-L)	l/s	461 - 394 - 325	489 - 411 - 375
Outdoor Airflow (High)	m3/h - l/s	6060 - 1683	6960 - 1933
Sound pressure level (H-M-L) ID / OD**	dB(A)	51-46-41 - 49/50	53-48-45 - 50/51
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 10	220/240-1-50 & 25
Interconnecting Cable		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	3/75 - 30	3/75 - 30
Chargeless pipe length	m	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.6/40	R32/3.1/35

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

*** TCB-CKC1F blanking plate available as accessories (\$53)



RAV - Floor Standing - Super Digital Inverter - Series 1 (Continued)

Indoor unit (Floor-Standing)	RAV-	HM1401FT-E	HM1601FT-E
Indoor Unit Retail Price		€2,755	€2,890
Outdoor unit	RAV-	GP1401AT8-E	GP1601AT8-E
Outdoor Unit Retail Price		€3,936	€4,185
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€6,870	€7,254
Rated Cooling capacity	kW	12.5	14.0
Rated Heating capacity	kW	14.0	16.0
UK Cooling Total/Sensible	kW	11.90/8.30	13.30/8.90
UK Heating	kW	9.14	10.45
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.10-4.02 - 241.0/157.8	5.88-3.98 - 232.2/156.2
Weight ID - OD	kg	59 - 95	59 - 95
Dimensions (H x W x D) - ID	mm	1750 x 600 x 390	1750 x 600 x 390
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1340 x 900 x 320
Indoor Airflow (H-M-L)	l/s	489 - 411 - 375	489 - 411 - 375
Outdoor Airflow (High)	m3/h - l/s	6180 - 1717	6180 - 1717
Sound pressure level (H-M-L) ID / OD**	dB(A)	53-48-45 - 51/52	53-48-45 - 51/53
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 16
Interconnecting Cable		(3C+E)	(3C+E)
Flare connections (gas-liquid)	inch	5/8 - 3/8	5/8 - 3/8
Min/Max Pipe Length - Height	m	3/75 - 30	3/75 - 30
Chargeless pipe length	m	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.6/40	R32/2.6/40

* Other control options are available as accessories

** Figures given for the outdoor unit are cooling/heating

*** TCB-CKC1F blanking plate available as accessories (\$53)

TOSHIBA



RAV Twin-Split High-Wall - Super Digital Inverter - Series 1

Indoor unit x2	RAV-	HM301KRTP-E	HM401KRTP-E	HM561KRTP-E
Indoor Unit Retail Price (Each)		€485	€527	€650
Outdoor unit	RAV-	GP561ATW-E	GP801ATW-E	GP1101AT-E
Outdoor Unit Retail Price		€1,691	€2,459	€3,562
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€2,840	€3,692	€5,041
Rated Cooling capacity	kW	5.0	6.7	9.5
Rated Heating capacity	kW	5.3	7.7	11.2
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.84-4.19 - A++/A+	7.56-4.16 - A++/A+	8.51-4.07 - A+++ - A+
Dimensions (H x W x D) - ID	mm	293 x 798 x 230	293 x 798 x 230	320 x 1050 x 250
Dimensions (H x W x D) - OD	mm	630 x 799 x 299	1050 x 1010 x 370	1550 x 1010 x 370
Weight ID - OD	kg	10 - 45	10 - 74	14 - 104
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 20
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30	3 - 50/30
Chargeless pipe length	m	20	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/1.35/20-20	R32/1.9/35-20	R32/3.1/35-20

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Twin-Split High-Wall - Super Digital Inverter - Series 1 (Continued)

Indoor unit x2	RAV-	HM561KRTP-E	HM801KRTP-E
Indoor Unit Retail Price (Each)		€650	€700
Outdoor unit	RAV-	GP1101AT8-E	GP1401AT-E1
Outdoor Unit Retail Price		€3,770	€3,910
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€5,249	€5,489
Rated Cooling capacity	kW	9.5	12.1
Rated Heating capacity	kW	11.2	13.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.57-4.16 - A++-A+	7.10-4.40 - 281.0-173.0
Dimensions (H x W x D) - ID	mm	320 x 1050 x 250	320 x 1050 x 250
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1550 x 1010 x 370
Weight ID - OD	kg	14 - 95	14 - 104
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 10	220/240-1-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.6/40-20	R32/3.1/35-35

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (£229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Twin-Split High-Wall - Super Digital Inverter - Series 1 (Continued)

Indoor unit x2	RAV-	HM801KRTP-E	HM801KRTP-E
Indoor Unit Retail Price (Each)		€700	€700
Outdoor unit	RAV-	GP1401AT8-E	GP1601AT8-E
Outdoor Unit Retail Price		€3,936	€4,185
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€5,515	€5,764
Rated Cooling capacity	kW	12.1	14.0
Rated Heating capacity	kW	13.0	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.44-4.14 - 254.6-162.6	6.16-4.11 - 243.4-161.4
Dimensions (H x W x D) - ID	mm	320 x 1050 x 250	320 x 1050 x 250
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	14 - 95	14 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.6/40-40	R32/2.6/40-40

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Twin-Split Compact Cassette - Super Digital Inverter - Series 1

Indoor unit x2	RAV-	HM301MUTP-E	HM401MUTP-E
Indoor Unit Retail Price (Each)		€1,349	€1,359
Outdoor unit	RAV-	GP561ATW-E	GP801ATW-E
Outdoor Unit Retail Price		€1,691	€2,459
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€4,568	€5,356
Rated Cooling capacity	kW	5.0	6.7
Rated Heating capacity	kW	5.3	7.7
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.27-4.32 - A++-A+	7.91-4.87 - A++-A++
Dimensions (H x W x D) - ID	mm	256 x 575 x 575	256 x 575 x 575
Dimensions (H x W x D) - OD	mm	1050 x 1010 x 370	1050 x 1010 x 370
Weight ID - OD	kg	16 - 74	16 - 74
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/1.35/20-20	R32/1.9/35-20

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Twin-Split Compact Cassette - Super Digital Inverter - Series 1

Indoor unit x2	RAV-	HM561MUTP-E	HM561MUTP-E
Indoor Unit Retail Price (Each)		€1,380	€1,380
Outdoor unit	RAV-	GP1101AT-E	GP1101AT8-E
Outdoor Unit Retail Price		€3,562	€3,770
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€6,501	€6,709
Rated Cooling capacity	kW	9.5	9.5
Rated Heating capacity	kW	11.2	11.2
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.93-4.42 - A++-A+	6.32-3.94 - A++-A
Dimensions (H x W x D) - ID	mm	256 x 575 x 575	256 x 575 x 575
Dimensions (H x W x D) - OD	mm	1550 x 1010 x 370	1340 x 900 x 320
Weight ID - OD	kg	16 - 104	16 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 20	380/415-3-50 & 10
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/3.1/35-20	R32/2.6/40-20

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Twin-Split Standard Cassette - Super Digital Inverter - Series 1

Indoor unit x2	RAV-	HM561UTP-E	HM561UTP-E	HM801UTP-E
Indoor Unit Retail Price (Each)		€1,216	€1,216	€1,306
Outdoor unit	RAV-	GP1101AT-E	GP1101AT8-E	GP1401AT-E1
Outdoor Unit Retail Price		€3,562	€3,770	€3,910
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€6,173	€6,381	€6,701
Rated Cooling capacity	kW	9.5	9.5	12.0
Rated Heating capacity	kW	11.2	11.2	13.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	8.88-4.76 - A+++A++	8.53-4.75 - 338.2-187	7.21-4.38 - A+++A+
Dimensions (H x W x D) - ID	mm	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840
Dimensions (H x W x D) - OD	mm	1550 x 1010 x 370	1550 x 1010 x 370	1340 x 900 x 320
Weight ID - OD	kg	20 - 104	20 - 104	20 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 20	380/415-3-50 & 10	220/240-1-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/3.1/35-20	R32/3.1/35-35	R32/2.6/40-20

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Twin-Split Standard Cassette - Super Digital Inverter - Series 1 (Continued)

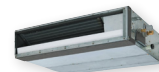
Indoor unit x2	RAV-	HM801UTP-E	HM801UTP-E
Indoor Unit Retail Price (Each)		€1,306	€1,306
Outdoor unit	RAV-	GP1401AT8-E	GP1601AT8-E
Outdoor Unit Retail Price		€3,936	€4,185
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€6,727	€6,976
Rated Cooling capacity	kW	12.0	14.0
Rated Heating capacity	kW	13.0	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.29-4.38 - 288.6-172.2	6.95-4.38 - 275.0-172.2
Dimensions (H x W x D) - ID	mm	256 x 840 x 840	256 x 840 x 840
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	20 - 95	20 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.6/40-40	R32/2.6/40-40

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Twin-Split Slim Ducted - Super Digital Inverter - Series 1

Indoor unit x2	RAV-	HM401SDTY-E	HM561SDTY-E
Indoor Unit Retail Price (Each)		€784	€849
Outdoor unit	RAV-	GP801ATW-E	GP1101AT-E
Outdoor Unit Retail Price		€2,459	€3,562
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€4,206	€5,439
Rated Cooling capacity	kW	7.1	10.0
Rated Heating capacity	kW	8.0	11.2
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.50 - 4.26 - A++/A+	6.80 - 4.02 - A++/A+
Dimensions (H x W x D) - ID	mm	210 x 700 x 450	210 x 900 x 450
Dimensions (H x W x D) - OD	mm	1050 x 1010 x 370	1550 x 1010 x 370
Weight ID - OD	kg	15 - 74	19 - 104
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 20
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)		R32/1.9/35-20	R32/3.1/35-20

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Twin-Split Slim Ducted - Super Digital Inverter - Series 1 (Continued)

Indoor unit x2	RAV-	HM561SDTY-E	HM801SDTY-E
Indoor Unit Retail Price (Each)		€849	€950
Outdoor unit	RAV-	GP1101AT8-E	GP1601AT8-E
Outdoor Unit Retail Price		€3,770	€4,185
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€5,647	€6,264
Rated Cooling capacity	kW	10.0	14.0
Rated Heating capacity	kW	11.2	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.66 - 3.90 - A+/A	5.79 - 4.10 - *
Dimensions (H x W x D) - ID	mm	210 x 900 x 450	210 x 1100 x 450
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	19 - 95	22 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 10	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)		R32/2.6/40-20	R32/2.6/40-40

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Twin-Split Ceiling - Super Digital Inverter - Series 1

Indoor unit x2	RAV-	HM401CTP-E	HM561CTP-E	HM561CTP-E
Indoor Unit Retail Price (Each)		€945	€1,032	€1,032
Outdoor unit	RAV-	GP801ATW-E	GP1101AT-E	GP1101AT8-E
Outdoor Unit Retail Price		€2,459	€3,562	€3,770
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€4,528	€5,805	€6,013
Rated Cooling capacity	kW	6.9	9.5	9.5
Rated Heating capacity	kW	7.7	11.2	11.2
SEER - SCOP - Energy Label (or nsc %)	kW/kW	8.20-5.09 - A++-A++	8.47-4.75 - A++-A++	6.70-4.23 - A++-A+
Dimensions (H x W x D) - ID	mm	235 x 950 x 690	235 x 950 x 690	235 x 950 x 690
Dimensions (H x W x D) - OD	mm	1050 x 1010 x 370	1550 x 1010 x 370	1340 x 900 x 320
Weight ID - OD	kg	23 - 74	23 - 104	23 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 20	380/415-3-50 & 10
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/1.9/35-20	R32/3.1/35-20	R32/2.6/40-20

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Twin-Split Ceiling - Super Digital Inverter - Series 1

Indoor unit x2	RAV-	HM801CTP-E	HM801CTP-E	HM801CTP-E
Indoor Unit Retail Price (Each)		€1,220	€1,220	€1,220
Outdoor unit	RAV-	GP1401AT-E1	GP1401AT8-E	GP1601AT8-E
Outdoor Unit Retail Price		€3,910	€3,936	€4,185
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€6,529	€6,555	€6,804
Rated Cooling capacity	kW	12.1	12.1	14.0
Rated Heating capacity	kW	13.0	13.0	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.93-4.73 - 314.2-186.2	6.55-4.22 - 259.0-165.8	6.20-4.21 - 245.0-165.4
Dimensions (H x W x D) - ID	mm	235 x 1270 x 690	235 x 1270 x 690	235 x 1270 x 690
Dimensions (H x W x D) - OD	mm	1550 x 1010 x 370	1340 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	29 - 104	29 - 95	29 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 25	380/415-3-50 & 16	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/3.1/35-35	R32/2.6/40-40	R32/2.6/40-40

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Twin-Split Standard Ducted - Super Digital Inverter - Series 1

Indoor unit x2	RAV-	HM561BTP-E	HM561BTP-E	HM801BTP-E
Indoor Unit Retail Price (Each)		€921	€921	€1,189
Outdoor unit	RAV-	GP1101AT-E	GP1101AT8-E	GP1401AT-E1
Outdoor Unit Retail Price		€3,562	€3,770	€3,910
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€5,583	€5,791	€6,467
Rated Cooling capacity	kW	9.5	9.5	12.1
Rated Heating capacity	kW	11.2	11.2	13.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.11-4.30 - A++-A+	6.02-4.19 - A+-A+	6.72-4.29 - 265.8-168.6
Dimensions (H x W x D) - ID	mm	275 x 700 x 750	275 x 700 x 750	275 x 1000 x 750
Dimensions (H x W x D) - OD	mm	1550 x 1010 x 370	1340 x 900 x 320	1550 x 1010 x 370
Weight ID - OD	kg	23 - 104	23 - 95	30 - 104
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 20	380/415-3-50 & 10	220/240-1-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/3.1/35-20	R32/2.6/40-20	R32/3.1/35-35

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Twin-Split Standard Ducted - Super Digital Inverter - Series 1 (Continued)

Indoor unit x2	RAV-	HM801BTP-E	HM801BTP-E
Indoor Unit Retail Price (Each)		€1,189	€1,189
Outdoor unit	RAV-	GP1401AT8-E	GP1601AT8-E
Outdoor Unit Retail Price		€3,936	€4,185
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€6,493	€6,742
Rated Cooling capacity	kW	12.1	14.0
Rated Heating capacity	kW	13.0	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.98-3.99 - 236.2-156.6	5.78-3.96 - 228.2-155.4
Dimensions (H x W x D) - ID	mm	275 x 1000 x 750	275 x 1000 x 750
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	30 - 95	30 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.6/40-40	R32/2.6/40-40

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Twin-Split Floor-Standing - Super Digital Inverter - Series 1

Indoor unit x2	RAV-	HM561FT-E	HM561FT-E	HM801FT-E
Indoor Unit Retail Price (Each)		€2,272	€2,272	€2,436
Outdoor unit	RAV-	GP1101AT-E	GP1101AT8-E	GP1401AT-E1
Outdoor Unit Retail Price		€3,562	€3,770	€3,910
Controller	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) *		€8,285	€8,493	€8,961
Rated Cooling capacity	kW	9.5	9.5	12.1
Rated Heating capacity	kW	11.2	11.2	13.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.84-4.40 - A++-A+	6.47-4.38 - 255.8-172.2	6.02-4.02 - A+-A+
Dimensions (H x W x D) - ID	mm	1750 x 600 x 210	1750 x 600 x 210	1750 x 600 x 210
Dimensions (H x W x D) - OD	mm	1550 x 1010 x 370	1550 x 1010 x 370	1340 x 900 x 320
Weight ID - OD	kg	44 - 104	45 - 104	44 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 20	380/415-3-50 & 10	220/240-1-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/3.1/35-20	R32/3.1/35-35	R32/2.6/40-20

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (\$229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Twin-Split Floor-Standing - Super Digital Inverter - Series 1 (Continued)

Indoor unit x2	RAV-	HM801FT-E	HM801FT-E
Indoor Unit Retail Price (Each)		€2,436	€2,436
Outdoor unit	RAV-	GP1401AT8-E	GP1601AT8-E
Outdoor Unit Retail Price		€3,936	€4,185
Controller	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) *		€8,987	€9,236
Rated Cooling capacity	kW	12.1	12.1
Rated Heating capacity	kW	13.0	13.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.01-4.02 - 237.4-157.8	5.81-3.98 - 229.4-156.2
Dimensions (H x W x D) - ID	mm	1750 x 600 x 210	1750 x 600 x 210
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	45 - 95	45 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.6/40-40	R32/2.6/40-40

* Other control options are available as accessories

** Branch Kit RBC-TWP102E (£229) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Triple-Split High-Wall - Super Digital Inverter - Series 1

Indoor unit x3	RAV-	HM301KRTP-E	HM301KRTP-E	HM401KRTP-E
Indoor Unit Retail Price (Each)		€485	€485	€527
Outdoor unit	RAV-	GP1101AT-E	GP1101AT8-E	GP1401AT-E1
Outdoor Unit Retail Price		€3,562	€3,770	€3,910
Controller*	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) **		€5,530	€5,738	€6,004
Rated Cooling capacity	kW	9.5	9.5	12.1
Rated Heating capacity	kW	11.2	11.2	13.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	8.51-4.07 - A+++A+	6.57-4.16 - A+++A+	7.10-4.40 - 281.0-173.0
Dimensions (H x W x D) - ID	mm	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230
Dimensions (H x W x D) - OD	mm	1550 x 1010 x 370	1340 x 900 x 320	1550 x 1010 x 370
Weight ID - OD	kg	10 - 104	10 - 95	10 - 104
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 20	380/415-3-50 & 10	220/240-1-50 & 25
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/3.1/35-20	R32/2.6/40-20	R32/3.1/35-20

* Other control options are available as accessories

** Branch kit RBC-TRP100E (\$290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Triple-Split High-Wall - Super Digital Inverter - Series 1 (Continued)

Indoor unit x3	RAV-	HM401KRTP-E	HM561KRTP-E
Indoor Unit Retail Price (Each)		€527	€650
Outdoor unit	RAV-	GP1401AT8-E	GP1601AT8-E
Outdoor Unit Retail Price		€3,936	€4,185
Controller*	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) **		€6,030	€6,648
Rated Cooling capacity	kW	12.0	14.0
Rated Heating capacity	kW	13.0	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.44-4.14 - 254.6-162.6	6.13-4.11 - 242.2-161.4
Dimensions (H x W x D) - ID	mm	293 x 798 x 230	320 x 1050 x 250
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	10 - 95	14 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.6/40-20	R32/2.6/40-20

* Other control options are available as accessories

** Branch kit RBC-TRP100E (\$290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Triple-Split Compact Cassette - Super Digital Inverter - Series 1

Indoor unit x3	RAV-	HM301MUTP-E	HM301MUTP-E	HM401MUTP-E
Indoor Unit Retail Price (Each)		€1,349	€1,349	€1,359
Outdoor unit	RAV-	GP1101AT-E	GP1101AT8-E	GP1401AT-E1
Outdoor Unit Retail Price		€3,562	€3,770	€3,910
Controller*	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) **		€8,122	€8,330	€8,500
Rated Cooling capacity	kW	9.5	9.5	12.0
Rated Heating capacity	kW	11.2	11.2	12.8
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.93-4.42 - A+++A+	6.32-3.94 - A+++A	*/-
Dimensions (H x W x D) - ID	mm	256 x 575 x 575	256 x 575 x 575	256 x 575 x 575
Dimensions (H x W x D) - OD	mm	1550 x 1010 x 370	1340 x 900 x 320	1550 x 1010 x 370
Weight ID - OD	kg	16 - 104	16 - 95	16 - 104
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 20	220/240-1-50 & 25	380/415-3-50 & 10
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/3.1/35-20	R32/2.6/40-20	R32/3.1/35-20

* Other control options are available as accessories

** Branch kit RBC-TRP100E (£290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

*/- Awaiting factory data

TOSHIBA



RAV Triple-Split Compact Cassette - Super Digital Inverter - Series 1 (Continued)

Indoor unit x3	RAV-	HM401MUTP-E	HM561MUTP-E
Indoor Unit Retail Price (Each)		€1,359	€1,380
Outdoor unit	RAV-	GP1401AT8-E	GP1601AT8-E
Outdoor Unit Retail Price		€3,936	€4,185
Controller*	RBC-	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179
System Retail Price (inc. Controller) **		€8,526	€8,838
Rated Cooling capacity	kW	12.0	14.0
Rated Heating capacity	kW	12.8	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	*/-	6.32-4.15 - 249.8-163.0
Dimensions (H x W x D) - ID	mm	256 x 575 x 575	256 x 575 x 575
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	16 - 95	16 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.6/40-20	R32/2.6/40-20

* Other control options are available as accessories

** Branch kit RBC-TRP100E (£290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

*/- Awaiting factory data



RAV Triple-Split Standard Cassette - Super Digital Inverter - Series 1

Indoor unit x3	RAV-	HM561UTP-E
Indoor Unit Retail Price (Each)		€1,216
Outdoor unit	RAV-	GP1601AT8-E
Outdoor Unit Retail Price		€4,185
Controller*	RBC-	AMSU52-E
Controller Retail Price		€179
System Retail Price (inc. Controller) **		€8,346
Rated Cooling capacity	kW	14.0
Rated Heating capacity	kW	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.90-4.38 - 273.0-172.2
Dimensions (H x W x D) - ID	mm	256 x 840 x 840
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320
Weight ID - OD	kg	20 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30
Chargeless pipe length	m	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.6/40-20

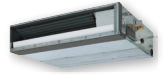
* Other control options are available as accessories

** Branch kit RBC-TRP100E (\$290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Triple-Split Slim Ducted - Super Digital Inverter - Series 1

Indoor unit x3	RAV-	HM561SDTY-E
Indoor Unit Retail Price (Each)		€849
Outdoor unit	RAV-	GP1601AT8-E
Outdoor Unit Retail Price		€4,185
Controller*	RBC-	AMSU52-E
Controller Retail Price		€179
System Retail Price (inc. Controller) **		€7,245
Rated Cooling capacity	kW	14.0
Rated Heating capacity	kW	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.19 - 4.09 - 291.8-191.8
Dimensions (H x W x D) - ID	mm	210 x 900 x 450
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320
Weight ID - OD	kg	19 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30
Chargeless pipe length	m	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.6/40-20

* Other control options are available as accessories

** Branch kit RBC-TRP100E (\$290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Triple-Split Ceiling - Super Digital Inverter - Series 1

Indoor unit x3	RAV-	HM401CTP-E	HM401CTP-E	HM561CTP-E
Indoor Unit Retail Price (Each)		€945	€945	€1,032
Outdoor unit	RAV-	GP1401AT-E1	GP1401AT8-E	GP1601AT8-E
Outdoor Unit Retail Price		€3,910	€3,936	€4,185
Controller*	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) **		€7,258	€7,284	€7,794
Rated Cooling capacity	kW	12.1	12.1	14.0
Rated Heating capacity	kW	12.8	12.8	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.93-4.73 - 314.2-186.2	6.55-4.22 - 259.0-165.8	6.17-4.21 - 243.8-165.4
Dimensions (H x W x D) - ID	mm	235 x 950 x 690	235 x 950 x 690	235 x 950 x 690
Dimensions (H x W x D) - OD	mm	1550 x 1010 x 370	1340 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	23 - 104	23 - 95	23 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 25	380/415-3-50 & 16	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/3.1/35-20	R32/2.6/40-20	R32/2.6/40-20

* Other control options are available as accessories

** Branch kit RBC-TRP100E (£290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Triple-Split Standard Ducted - Super Digital Inverter - Series 1

Indoor unit x3	RAV-	HM561BTP-E
Indoor Unit Retail Price (Each)		€921
Outdoor unit	RAV-	GP1601AT8-E
Outdoor Unit Retail Price		€4,185
Controller*	RBC-	AMSU52-E
Controller Retail Price		€179
System Retail Price (inc. Controller) * *		€7,461
Rated Cooling capacity	kW	14.0
Rated Heating capacity	kW	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.75-3.96 - 227.0-155.4
Dimensions (H x W x D) - ID	mm	275 x 700 x 750
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320
Weight ID - OD	kg	23 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30
Chargeless pipe length	m	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.6/40-20

* Other control options are available as accessories

** Branch kit RBC-TRP100E (\$290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Triple-Split Floor-Standing - Super Digital Inverter - Series 1

Indoor unit x3	RAV-	HM561FT-E
Indoor Unit Retail Price (Each)		€2,272
Outdoor unit	RAV-	GP1601AT8-E
Outdoor Unit Retail Price		€4,185
Controller*	RBC-	AMSU52-E
Controller Retail Price		€179
System Retail Price (inc. Controller) **		€11,514
Rated Cooling capacity	kW	20.0
Rated Heating capacity	kW	22.4
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.75-3.98 - 227.0-156.2
Dimensions (H x W x D) - ID	mm	1750 x 600 x 210
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320
Weight ID - OD	kg	44 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30
Chargeless pipe length	m	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.6/40-20

* Other control options are available as accessories

** Branch kit RBC-TRP100E (\$290) is included in the system price

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

TOSHIBA



RAV Quad-Split High-Wall - Super Digital Inverter - Series 1

Indoor unit x4	RAV-	HM301KRTP-E	HM301KRTP-E	HM401KRTP-E
Indoor Unit Retail Price (Each)		€485	€485	€527
Outdoor unit	RAV-	GP1401AT-E1	GP1401AT8-E	GP1601AT8-E
Outdoor Unit Retail Price		€3,910	€3,936	€4,185
Controller*	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) **		€6,029	€6,055	€6,472
Rated Cooling capacity	kW	12.1	12.1	14.0
Rated Heating capacity	kW	13.0	13.0	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.10-7.10 - 281.0-281.0	6.44-6.44 - 254.6-254.6	6.13-6.13 - 242.2-242.2
Dimensions (H x W x D) - ID	mm	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230
Dimensions (H x W x D) - OD	mm	1550 x 1010 x 370	1340 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	10 - 104	10 - 95	10 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 25	380/415-3-50 & 16	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/3.1/35-20-20	R32/2.6/40-20-20	R32/2.6/40-20-20

* Other control options are available as accessories

** Branch kit RBC-DTWP102E (£312) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RAV Quad-Split Compact Cassette - Super Digital Inverter - Series 1

Indoor unit x4	RAV-	HM301MUTP-E	HM301MUTP-E	HM401MUTP-E
Indoor Unit Retail Price (Each)		€1,349	€1,349	€1,359
Outdoor unit	RAV-	GP1401AT-E1	GP1401AT8-E	GP1601AT8-E
Outdoor Unit Retail Price		€3,910	€3,936	€4,185
Controller*	RBC-	AMSU52-E	AMSU52-E	AMSU52-E
Controller Retail Price		€179	€179	€179
System Retail Price (inc. Controller) **		€9,485	€9,511	€9,800
Rated Cooling capacity	kW	12.1	12.1	12.1
Rated Heating capacity	kW	12.8	12.8	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	*/-	*/-	6.32-6.32 - 249.8-249.8
Dimensions (H x W x D) - ID	mm	256 x 575 x 575	256 x 575 x 575	256 x 575 x 575
Dimensions (H x W x D) - OD	mm	1550 x 1010 x 370	1340 x 900 x 320	1340 x 900 x 320
Weight ID - OD	kg	16 - 104	16 - 95	16 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 25	380/415-3-50 & 16	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)	(3C+E)	(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30	3 - 50/30	3 - 50/30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/3.1/35-20-20	R32/2.6/40-20-20	R32/2.6/40-20-20

* Other control options are available as accessories

** Branch kit RBC-DTWP102E (£312) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification

*/- Awaiting factory data

TOSHIBA



RAV Quad-Split Ceiling - Super Digital Inverter - Series 1

Indoor unit x4	RAV-	HM401CTP-E
Indoor Unit Retail Price (Each)		€945
Outdoor unit	RAV-	GP1601AT8-E
Outdoor Unit Retail Price		€4,185
Controller*	RBC-	AMSU52-E
Controller Retail Price		€179
System Retail Price (inc. Controller) **		€8,144
Rated Cooling capacity	kW	14.0
Rated Heating capacity	kW	16.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.17-6.17 - 243.8-243.8
Dimensions (H x W x D) - ID	mm	235 x 950 x 690
Dimensions (H x W x D) - OD	mm	1340 x 900 x 320
Weight ID - OD	kg	23 - 95
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 16
Interconnecting Cable***		(3C+E)
Flare connections (gas - liquid)**	inch	5/8 - 3/8
Min-Max pipe length / Max Height Difference	m	3 - 50/30
Chargeless pipe length	m	30
Refrigerant - additional charge (main - sub)	Type/kg/g	R32/2.6/40-20-20

* Other control options are available as accessories

** Branch kit RBC-DTWP102E (£312) not included, pipe connectors can be obtained locally

*** Outdoor to header indoor only - Power cable from header indoor to follower indoor = (2C+E)

**** For complete system data please refer to Full Specification



RBC-AHU1 Air Handling Unit Applications Digital Inverter Classic

Outdoor Unit	RAV-	GV561ATP-E	GV801ATP-E	GV1101ATP-E	GV1101AT8P-E
Outdoor Unit Retail Price		€1,133	€1,451	€1,732	€2,165
Sound Pressure Level C/H	dB(A)	46/48	48/52	51/53	53/60
Gas Side - Liquid Side	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min.-Max. Length	m	5/30 - 20	5/30 - 20	5/30 - 30	5/30 - 30
Base Charge/Chargeless To	Type/kg/m	R32/0.9/20	R32/1.4/35	R32/1.7/35	R32/1.7/35
Dimensions (HxWxD)	mm	550 x 780 x 290	550 x 780 x 290	630 x 800 x 300	710 x 900 x 320
Total Weight	kg	36	39	45	59
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 20	380/415-3-50 & 10
Control Panel	RBC-	AHU1	AHU1	AHU1	AHU1
Control Panel Retail Price		€645	€645	€645	€645
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150
Weight	kg	10	10	10	10
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	5.0	6.7	9.5	9.5
Heating	kW	5.3	7.0	10.0	10.0
Air Volume Min - Max	m3/h	480 - 1100	700 - 1500	1260 - 2500	1260 - 2500
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	5	5	5	5

* Follow installation guidance for A2L refrigerant

TOSHIBA



RBC-AHU1 Air Handling Unit Applications Digital Inverter Classic (Continued)

Outdoor Unit	RAV-	GV1401ATP-E	GV1401AT8P-E	GV1601ATP-E	GV1601AT8P-E
Outdoor Unit Retail Price		€2,129	€2,282	€2,456	€2,832
Sound Pressure Level C/H	dB(A)	53/60	53/60	57/59	57/59
Gas Side - Liquid Side	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min.-Max. Length	m	5/30 - 30	5/30 - 30	5/30 - 30	5/30 - 30
Base Charge/Chargeless To	Type/kg/m	R32/1.9/35	R32/1.9/35	R32/2.2/35	R32/2.2/35
Dimensions (HxWxD)	mm	710 x 900 x 320	710 x 900 x 320	890 x 900 x 320	890 x 900 x 320
Total Weight	kg	57	59	64	66
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 32	380/415-3-50 & 16	220/240-1-50 & 32	380/415-3-50 & 16
Control Panel	RBC-	AHU1	AHU1	AHU1	AHU1
Control Panel Retail Price		€645	€645	€645	€645
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150
Weight	kg	10	10	10	10
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	11.5	12.1	13.0	13.0
Heating	kW	11.9	12.3	13.5	13.5
Air Volume Min - Max	m3/h	1260 - 2750	1260 - 2750	1260 - 3000	1260 - 3000
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	5	5	5	5

* Follow installation guidance for A2L refrigerant



RBC-AHU1 Air Handling Unit Applications Digital Inverter

Outdoor Unit	RAV-	GM301ATP-E	GM401ATP-E	GM561ATP-E1	GM801ATP-E
Outdoor Unit Retail Price		€895	€1,072	€1,275	€1,684
Sound Pressure Level C/H	dB(A)	46/47	49/50	46/48	48/52
Gas Side - Liquid Side	inch	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8
Min.-Max. Length	m	2 - 20 / ±10	2 - 20 / ±10	5 - 30 / ±30	5 - 30 / ±30
Base Charge/Chargeless To	Type/kg/m	R32/0.63/15 - 20	R32/0.9/15 - 20	R32/1.1/20 - 20	R32/1.3/20 - 35
Dimensions (HxWxD)	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Total Weight	kg	29	34	38	44
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 16	220/240-1-50 & 16
Control Panel	RBC-	AHU1	AHU1	AHU1	AHU1
Control Panel Retail Price		€645	€645	€645	€645
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150
Weight	kg	10	10	10	10
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	2.5	3.6	5.0	6.7
Heating	kW	3.4	4.0	5.3	7.7
Air Volume Min - Max	m3/h	480 - 720	480 - 880	480 - 1100	700 - 1500
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	5	5	5	5

* Follow installation guidance for A2L refrigerant

TOSHIBA



RBC-AHU1 Air Handling Unit Applications Digital Inverter (Continued)

Outdoor Unit	RAV-	GM901ATP-E	GM1101ATP-E	GM1101AT8P-E	GM1401ATP-E1
Outdoor Unit Retail Price		€1,860	€2,218	€2,561	€2,338
Sound Pressure Level C/H	dB(A)	51/55	54/57	54/57	55/57
Gas Side - Liquid Side	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min.-Max. Length	m	5 - 30 / ±30	5 - 50 / ±30	5 - 50 / ±30	5 - 50 / ±30
Base Charge/Chargeless To	Type/kg/m	R32/2.0/20 - 35	R32/2.1/30 - 35	R32/2.1/30 - 35	R32/2.1/30 - 35
Dimensions (HxWxD)	mm	630 x 800 x 300	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
Total Weight	kg	47	68	69	68
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 20	220/240-1-50 & 20	380/415-3-50 & 10	220/240-1-50 & 32
Control Panel	RBC-	AHU1	AHU1	AHU1	AHU1
Control Panel Retail Price		€645	€645	€645	€645
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150
Weight	kg	10	10	10	10
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	8.0	9.5	9.5	12.1
Heating	kW	9.0	11.2	11.2	13.0
Air Volume Min - Max	m3/h	700 - 1500	1260 - 2500	1260 - 2500	1260 - 2750
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	5	5	5	5

* Follow installation guidance for A2L refrigerant



RBC-AHU1 Air Handling Unit Applications Digital Inverter (Continued)

Outdoor Unit	RAV-	GM1401AT8P-E1	GM1601ATP-E	GM1601AT8P-E
Outdoor Unit Retail Price		€2,698	€3,145	€3,491
Sound Pressure Level C/H	dB(A)	55/57	53/55	53/55
Gas Side - Liquid Side	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min.-Max. Length	m	5 - 50 / ±30	5 - 50 / ±30	5 - 50 / ±30
Base Charge/Chargeless To	Type/kg/m	R32/2.1/30 - 35	R32/2.4/30 - 35	R32/2.4/30 - 35
Dimensions (HxWxD)	mm	890 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
Total Weight	kg	69	95	94
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 16	220/240-1-50 & 32	380/415-3-50 & 16
Control Panel	RBC-	AHU1	AHU1	AHU1
Control Panel Retail Price		€645	€645	€645
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150
Weight	kg	10	10	10
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	12.1	14.0	14.0
Heating	kW	13.0	16.0	16.0
Air Volume Min - Max	m3/h	1260 - 2750	1260 - 3000	1260 - 3000
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	5	5	5

* Follow installation guidance for A2L refrigerant

TOSHIBA



RBC-AHU1 Air Handling Unit Applications Digital Inverter (Continued)

Outdoor Unit	RAV-	GM2241AT8-E1	GM2801AT8-E1
Outdoor Unit Retail Price		€6,154	€6,165
Sound Pressure Level C/H	dB(A)	58/60	61/63
Gas Side - Liquid Side	inch	1-1/8 - 1/2	1-1/8 - 1/2
Min.-Max. Length	m	5-100 / ±30	5-100 / ±30
Base Charge/Chargeless To	Type/kg/m	R32/5.0/30 - 80	R32/5.0/30 - 80
Dimensions (HxWxD)	mm	1550 x 1010 x 370	1550 x 1010 x 370
Total Weight	kg	142	142
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 20
Control Panel	RBC-	AHU1	AHU1
Control Panel Retail Price		€645	€645
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150
Weight	kg	10	10
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil
Cooling	kW	19.0	22.5
Heating	kW	22.4	27.0
Air Volume Min - Max	m3/h	2880 - 4320	3360 - 5040
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7
Suction Superheat (Target)	K	5	5

* Follow installation guidance for A2L refrigerant



RBC-AHU1 Air Handling Unit Applications Super Digital Inverter

Outdoor Unit	RAV-	GP561ATW-E	GP801AT-E	GP1101AT-E	GP1101AT8-E
Outdoor Unit Retail Price		€1,691	€2,852	€3,562	€3,770
Sound Pressure Level C/H	dB(A)	46/48	46/48	49/50	49/50
Gas Side - Liquid Side	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min.-Max. Length	m	3 - 50 / ±30	3 - 50 / ±30	3 - 75 / ±30	3 - 75 / ±30
Base Charge/Chargeless To	Type/kg/m	R32/1.35/20 - 20	R32/1.9/30 - 35	R32/3.1/30 - 35	R32/2.6/30 - 40
Dimensions (HxWxD)	mm	630 x 799 x 299	1050 x 1010 x 370	1550 x 1010 x 370	1340 x 900 x 320
Total Weight	kg	45	74	104	95
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 20	380/415-3-50 & 10
Control Panel	RBC-	AHU1	AHU1	AHU1	AHU1
Control Panel Retail Price		€645	€645	€645	€645
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150
Weight	kg	10	10	10	10
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	5.0	7.1	10.0	10.0
Heating	kW	5.6	8.0	11.2	11.2
Air Volume Min - Max	m3/h	480 - 1100	700 - 1500	1260 - 2500	1260 - 2500
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	5	5.00	5.00	5.00

* Follow installation guidance for A2L refrigerant

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RBC-AHU1 Air Handling Unit Applications Super Digital Inverter (Continued)

Outdoor Unit	RAV-	GP1401AT-E1	GP1401AT8-E	GP1601AT8-E
Outdoor Unit Retail Price		€3,910	€3,936	€4,185
Sound Pressure Level C/H	dB(A)	50/51	50/52	51/53
Gas Side - Liquid Side	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min.-Max. Length	m	3 - 75 / ±30	3 - 75 / ±30	3 - 75 / ±30
Base Charge/Chargeless To	Type/kg/m	R32/3.1/30 - 35	R32/2.6/30 - 40	R32/2.6/30 - 40
Dimensions (HxWxD)	mm	1550 x 1010 x 370	1340 x 900 x 320	1340 x 900 x 320
Total Weight	kg	104	95	95
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 25	380/415-3-50 & 16	380/415-3-50 & 16
Control Panel	RBC-	AHU1	AHU1	AHU1
Control Panel Retail Price		€645	€645	€645
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150
Weight	kg	10	10	10
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	12.5	12.5	14.0
Heating	kW	14.0	14.0	16.0
Air Volume Min - Max	m3/h	1260 - 2750	1260 - 2750	1260 - 3000
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	5.00	5.00	5.00

* Follow installation guidance for A2L refrigerant



RBC-DXC031 Air Handling Unit Applications Digital Inverter Classic

Outdoor Unit - Digital Inverter Classic	RAV-	GV561ATP-E	GV801ATP-E	GV1101ATP-E	GV1101AT8P-E
Outdoor Unit Retail Price		€1,133	€1,451	€1,732	€2,165
Pipe connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max pipe length - Max Height Difference	m	5/30 - 20	5/30 - 20	5/30 - 30	5/30 - 30
Chargeless pipe length	m	20	20	30	30
Refrigerant - additional charge	Type/kg/g	R32/0.9/20	R32/1.4/35	R32/1.7/35	R32/1.7/35
Dimensions (HxWxD)	mm	550 x 780 x 290	550 x 780 x 290	630 x 800 x 300	710 x 900 x 320
Total Weight	kg	36	38	45	59
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 25	380/415-3-50 & 10
Control Panel	RBC-	DXC031	DXC031	DXC031	DXC031
Control Panel Retail Price		€1,053	€1,053	€1,053	€1,053
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150
Weight	kg	8	8	8	8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	5.0	6.7	9.5	9.5
Heating	kW	5.3	7.0	10.0	10.0
Air Volume Min - Max	m3/h	720 - 1080	1060 - 1580	1280 - 1920	1280 - 1920
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	5	5	5	5

* Follow installation guidance for A2L refrigerant

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RBC-DXC031 Air Handling Unit Applications Digital Inverter Classic (Continued)

Outdoor Unit - Digital Inverter Classic	RAV-	GV1401ATP-E	GV1401AT8P-E	GV1601ATP-E	GV1601AT8P-E
Outdoor Unit Retail Price		€2,129	€2,282	€2,456	€2,832
Pipe connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max pipe length - Max Height Difference	m	5/30 - 30	5/30 - 30	5/30 - 30	5/30 - 30
Chargeless pipe length	m	30	30	30	30
Refrigerant - additional charge	Type/kg/g	R32/1.9/35	R32/1.9/35	R32/2.2/35	R32/2.2/35
Dimensions (HxWxD)	mm	710 x 900 x 320	710 x 900 x 320	890 x 900 x 320	890 x 900 x 320
Total Weight	kg	57	59	64	66
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 32	380/415-3-50 & 16	220/240-1-50 & 32	380/415-3-50 & 16
Control Panel	RBC-	DXC031	DXC031	DXC031	DXC031
Control Panel Retail Price		€1,053	€1,053	€1,053	€1,053
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150
Weight	kg	8	8	8	8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	11.5	12.1	13.0	13.0
Heating	kW	11.9	12.3	13.5	13.5
Air Volume Min - Max	m ³ /h	1680 - 2520	1680 - 2520	2080 - 3360	2080 - 3360
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	5	5	5	5

* Follow installation guidance for A2L refrigerant



RBC-DXC031 Air Handling Unit Applications Digital Inverter

Outdoor Unit - Digital Inverter	RAV-	GM301ATP-E	GM401ATP-E	GM561ATP-E1	GM801ATP-E
Outdoor Unit Retail Price		€895	€1,072	€1,275	€1,684
Pipe connections (gas - liquid)	inch	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8
Min/Max pipe length - Max Height Difference	m	2/20 - 10	2/20 - 10	5/30 - 30	5/30 - 30
Chargeless pipe length	m	15	15	20	20
Refrigerant - additional charge	Type/kg/g	R32/0.63/20	R32/0.9/20	R32/1.1/20	R32/1.3/35
Dimensions (HxWxD)	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Total Weight	kg	33	39	38	44
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 16	220/240-1-50 & 16
Control Panel	RBC-	DXC031	DXC031	DXC031	DXC031
Control Panel Retail Price		€1,053	€1,053	€1,053	€1,053
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150
Weight	kg	8	8	8	8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	2.5	3.6	5.0	6.7
Heating	kW	3.4	4.0	5.3	7.7
Air Volume Min - Max	m3/h	480 - 660	522 - 690	720 - 1080	1060 - 1580
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	5	5	5	5

* Follow installation guidance for A2L refrigerant

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RBC-DXC031 Air Handling Unit Applications Digital Inverter (Continued)

Outdoor Unit - Digital Inverter	RAV-	GM901ATP-E	GM1101ATP-E	GM1101AT8P-E	GM1401ATP-E1
Outdoor Unit Retail Price		€1,860	€2,218	€2,561	€2,338
Pipe connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max pipe length - Max Height Difference	m	5/30 - 30	5/50 - 30	5/50 - 30	5/50 - 30
Chargeless pipe length	m	20	30	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.0/35	R32/2.1/35	R32/2.1/35	R32/2.1/35
Dimensions (HxWxD)	mm	630 x 800 x 300	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
Total Weight	kg	47	68	68	68
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 20	220/240-1-50 & 25	380/415-3-50 & 10	220/240-1-50 & 32
Control Panel	RBC-	DXC031	DXC031	DXC031	DXC031
Control Panel Retail Price		€1,053	€1,053	€1,053	€1,053
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150
Weight	kg	8	8	8	8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	8.0	9.5	9.5	12.1
Heating	kW	9.0	11.2	11.2	13.0
Air Volume Min - Max	m3/h	1170 - 1730	1280 - 1920	1280 - 1920	1680 - 2520
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	5	5	5	5

* Follow installation guidance for A2L refrigerant



RBC-DXC031 Air Handling Unit Applications Digital Inverter (Continued)

Outdoor Unit - Digital Inverter	RAV-	GM1401AT8P-E1	GM1601ATP-E	GM1601AT8P-E
Outdoor Unit Retail Price		€2,698	€3,145	€3,491
Pipe connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max pipe length - Max Height Difference	m	5/50 - 30	5/50 - 30	5/50 - 30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.1/35	R32/2.4/35	R32/2.4/35
Dimensions (HxWxD)	mm	890 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
Total Weight	kg	68	95	94
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 16	220/240-1-50 & 32	380/415-3-50 & 16
Control Panel	RBC-	DXC031	DXC031	DXC031
Control Panel Retail Price		€1,053	€1,053	€1,053
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150
Weight	kg	8	8	8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	12.1	14.0	14.0
Heating	kW	13.0	16.0	16.0
Air Volume Min - Max	m3/h	1680 - 2520	2080 - 3360	2080 - 3360
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	5	5	5

* Follow installation guidance for A2L refrigerant

TOSHIBA



RBC-DXC031 Air Handling Unit Applications Digital Inverter (Continued)

Outdoor Unit - Digital Inverter	RAV-	GM2241AT8-E1	GM2801AT8-E1
Outdoor Unit Retail Price		€6,154	€6,165
Pipe connections (gas - liquid)	inch	1-1/8 - 1/2	1-1/8 - 1/2
Min/Max pipe length - Max Height Difference	m	5/100 - 30	5/100 - 30
Chargeless pipe length	m	30	30
Refrigerant - additional charge	Type/kg/g	R32/5.0/80	R32/5.0/80
Dimensions (HxWxD)	mm	1550 x 1010 x 370	1550 x 1010 x 370
Total Weight	kg	142	142
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 20
Control Panel	RBC-	DXC031	DXC031
Control Panel Retail Price		€1,053	€1,053
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150
Weight	kg	8	8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil
Cooling	kW	19.0	22.5
Heating	kW	22.4	27.0
Air Volume Min - Max	m3/h	2880 - 4320	3360 - 5040
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7
Suction Superheat (Target)	K	5	5

* Follow installation guidance for A2L refrigerant



RBC-DXC031 Air Handling Unit Applications Super Digital Inverter

Outdoor Unit - Super Digital Inverter	RAV-	GP561ATW-E	GP801ATW-E	GP1101AT-E	GP1101AT8-E
Outdoor Unit Retail Price		€1,691	€2,459	€3,562	€3,770
Pipe connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max pipe length - Max Height Difference	m	3/50 - 30	3/50 - 30	3/75 - 30	3/75 - 30
Chargeless pipe length	m	20	30	30	30
Refrigerant - additional charge	Type/kg/g	R32/1.35/20	R32/1.9/35	R32/3.1/35	R32/2.6/40
Dimensions (HxWxD)	mm	630 x 799 x 299	1050 x 1010 x 370	1550 x 1010 x 370	1340 x 900 x 320
Total Weight	kg	45	74	104	95
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 20	380/415-3-50 & 10
Control Panel	RBC-	DXC031	DXC031	DXC031	DXC031
Control Panel Retail Price		€1,053	€1,053	€1,053	€1,053
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150
Weight	kg	8	8	8	8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	5.0	7.1	10.0	10.0
Heating	kW	5.6	8.0	11.2	11.2
Air Volume Min - Max	m3/h	720 - 1080	1060 - 1580	1280 - 1920	1280 - 1920
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	5	5	5	5

* Follow installation guidance for A2L refrigerant

TOSHIBA



RBC-DXC031 Air Handling Unit Applications Super Digital Inverter (Continued)

Outdoor Unit - Super Digital Inverter	RAV-	GP1401AT-E1	GP1401AT8-E	GP1601AT8-E
Outdoor Unit Retail Price		€3,910	€3,936	€4,185
Pipe connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max pipe length - Max Height Difference	m	3/75 - 30	3/75 - 30	3/75 - 30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge	Type/kg/g	R32/3.1/35	R32/2.6/40	R32/2.6/40
Dimensions (HxWxD)	mm	1550 x 1010 x 370	1340 x 900 x 320	1340 x 900 x 320
Total Weight	kg	104	95	95
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 25	380/415-3-50 & 16	380/415-3-50 & 16
Control Panel	RBC-	DXC031	DXC031	DXC031
Control Panel Retail Price		€1,053	€1,053	€1,053
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150
Weight	kg	8	8	8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	12.5	12.5	14.0
Heating	kW	14.0	14.0	16.0
Air Volume Min - Max	m3/h	1680 - 2520	1680 - 2520	2080 - 3360
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	5	5	5

* Follow installation guidance for A2L refrigerant



TCB-IFDLR01UP-E Air Handling Unit Applications Digital Inverter

Outdoor Unit - Digital Inverter	RAV-	GM301ATP-E	GM401ATP-E	GM561ATP-E1	GM801ATP-E
Outdoor Unit Retail Price		€895	€1,072	€1,275	€1,684
Pipe connections (gas - liquid)	inch	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8
Min/Max pipe length - Max Height Difference	m	2/20 - 10	2/20 - 10	5/30 - 30	5/30 - 30
Chargeless pipe length	m	15	15	20	20
Refrigerant - additional charge	Type/kg/g	R32/0.63/20	R32/0.9/20	R32/1.1/20	R32/1.3/35
Dimensions (HxWxD)	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Total Weight	kg	33	39	38	44
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 16	220/240-1-50 & 16
Control Panel	TCB-	IFDLR01UP-E	IFDLR01UP-E	IFDLR01UP-E	IFDLR01UP-E
Control Panel Retail Price		€1,058	€1,058	€1,058	€1,058
Dimensions (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Weight	kg	4.1	4.1	4.1	4.1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	3.0	3.6	5.6	8.0
Heating	kW	4.5	4.0	6.3	9.0
Air Volume Min - Max	m3/h	310 - 700	310 - 810	480 - 1080	680 - 1620
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	6	6	6	6

* Follow installation guidance for A2L refrigerant

TOSHIBA



TCB-IFDLR01UP-E Air Handling Unit Applications Digital Inverter (Continued)

Outdoor Unit - Super Digital Inverter	RAV-	GM901ATP-E	GM1101ATP-E	GM1101AT8P-E
Outdoor Unit Retail Price		€1,860	€2,218	€2,561
Pipe connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max pipe length - Max Height Difference	m	5/30 - 30	5/50 - 30	5/50 - 30
Chargeless pipe length	m	20	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.0/35	R32/2.1/35	R32/2.1/35
Dimensions (HxWxD)	mm	630 x 800 x 300	890 x 900 x 320	890 x 900 x 320
Total Weight	kg	47	68	68
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 20	220/240-1-50 & 25	380/415-3-50 & 10
Control Panel	RBC-	IFDLR01UP-E	IFDLR01UP-E	IFDLR01UP-E
Control Panel Retail Price		€1,058	€1,058	€1,058
Dimensions (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Weight	kg	4.1	4.1	4.1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	8.8	11.2	11.2
Heating	kW	9.9	13.0	13.0
Air Volume Min - Max	m ³ /h	680 - 1890	1020 - 2160	1020 - 2160
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	6	6	6

* Follow installation guidance for A2L refrigerant



TCB-IFDLR01UP-E Air Handling Unit Applications Digital Inverter (Continued)

Outdoor Unit - Super Digital Inverter	RAV-	GM1401ATP-E1	GM1401AT8P-E1	GM1601ATP-E
Outdoor Unit Retail Price		€2,338	€2,698	€3,145
Pipe connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max pipe length - Max Height Difference	m	5/50 - 30	5/50 - 30	5/50 - 30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.1/35	R32/2.1/35	R32/2.4/35
Dimensions (HxWxD)	mm	890 x 900 x 320	890 x 900 x 320	1340 x 900 x 320
Total Weight	kg	68	68	95
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 32	380/415-3-50 & 16	220/240-1-50 & 32
Control Panel	RBC-	IFDLR01UP-E	IFDLR01UP-E	IFDLR01UP-E
Control Panel Retail Price		€1,058	€1,058	€1,058
Dimensions (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Weight	kg	4.1	4.1	4.1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	13.2	13.2	16.0
Heating	kW	16.0	16.0	18.0
Air Volume Min - Max	m3/h	1200 - 2700	1200 - 2700	1200 - 3500
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	6	6	6

* Follow installation guidance for A2L refrigerant

TOSHIBA



TCB-IFDLR01UP-E Air Handling Unit Applications Digital Inverter (Continued)

Outdoor Unit - Super Digital Inverter	RAV-	GM1601AT8P-E	GM2241AT8-E1	GM2801AT8-E1
Outdoor Unit Retail Price		€3,491	€6,154	€6,165
Pipe connections (gas - liquid)	inch	5/8 - 3/8	1-1/8 - 1/2	1-1/8 - 1/2
Min/Max pipe length - Max Height Difference	m	5/50 - 30	5/100 - 30	5/100 - 30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge	Type/kg/g	R32/2.4/35	R32/5.0/80	R32/5.0/80
Dimensions (HxWxD)	mm	1340 x 900 x 320	1550 x 1010 x 370	1550 x 1010 x 370
Total Weight	kg	94	142	142
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 16	380/415-3-50 & 16	380/415-3-50 & 20
Control Panel	RBC-	IFDLR01UP-E	IFDLR01UP-E	IFDLR01UP-E
Control Panel Retail Price		€1,058	€1,058	€1,058
Dimensions (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Weight	kg	4.1	4.1	4.1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	16.0	22.4	27.0
Heating	kW	18.0	25.0	31.5
Air Volume Min - Max	m3/h	1200 - 3500	2880 - 4320	3360 - 5040
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	6	6	6

* Follow installation guidance for A2L refrigerant



TCB-IFDLR01UP-E Air Handling Unit Applications Super Digital Inverter

Outdoor Unit - Super Digital Inverter	RAV-	GP561ATW-E	GP801ATW-E	GP1101AT-E	GP1101AT8-E
Outdoor Unit Retail Price		€1,691	€2,459	€3,562	€3,770
Pipe connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max pipe length - Max Height Difference	m	3/50 - 30	3/50 - 30	3/75 - 30	3/75 - 30
Chargeless pipe length	m	20	30	30	30
Refrigerant - additional charge	Type/kg/g	R32/1.35/20	R32/1.9/35	R32/3.1/35	R32/2.6/40
Dimensions (HxWxD)	mm	630 x 799 x 299	1050 x 1010 x 370	1550 x 1010 x 370	1340 x 900 x 320
Total Weight	kg	45	74	104	95
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 20	380/415-3-50 & 10
Control Panel	TCB-	IFDLR01UP-E	IFDLR01UP-E	IFDLR01UP-E	IFDLR01UP-E
Control Panel Retail Price		€1,058	€1,058	€1,058	€1,058
Dimensions (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Weight	kg	4.1	4.1	4.1	4.1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	5.6	8.0	12.0	12.0
Heating	kW	7.4	11.2	15.6	15.6
Air Volume Min - Max	m3/h	480 - 1080	680 - 1620	1020 - 2160	1020 - 2160
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	6	6	6	6

* Follow installation guidance for A2L refrigerant

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TCB-IFDLR01UP-E Air Handling Unit Applications Super Digital Inverter (Continued)

Outdoor Unit - Super Digital Inverter	RAV-	GP1401AT-E1	GP1401AT8-E	GP1601AT8-E
Outdoor Unit Retail Price		€3,910	€3,936	€4,185
Pipe connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Min/Max pipe length - Max Height Difference	m	3/75 - 30	3/75 - 30	3/75 - 30
Chargeless pipe length	m	30	30	30
Refrigerant - additional charge	Type/kg/g	R32/3.1/35	R32/2.6/40	R32/2.6/40
Dimensions (HxWxD)	mm	1550 x 1010 x 370	1340 x 900 x 320	1340 x 900 x 320
Total Weight	kg	104	95	95
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 25	380/415-3-50 & 16	380/415-3-50 & 16
Control Panel	TCB-	IFDLR01UP-E	IFDLR01UP-E	IFDLR01UP-E
Control Panel Retail Price		€1,058	€1,058	€1,058
Dimensions (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Weight	kg	4.1	4.1	4.1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil	AHU DX Coil
Cooling	kW	14.0	14.0	16.0
Heating	kW	18.0	18.0	19.0
Air Volume Min - Max	m3/h	1200 - 2700	1200 - 2700	1200 - 3500
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	4 - 7	4 - 7	4 - 7
Suction Superheat (Target)	K	6	6	6

* Follow installation guidance for A2L refrigerant

RAV Accessories

RAV Accessories	Model	Description	Price
Wireless Controller/Receiver Kits			
Wireless Controller/Receiver Kits	RBC-AX41U(W)-E	Wireless Receiver Kit for 4-Way Cassette	€220
	RBC-AX33UYP-E	Wireless Receiver Kit for 1-Way Cassette	€66
	RBC-AXU31C-E	Wireless Remote Controller Kit - Ceiling	€283
	RBC-AXU31-E	Wireless Remote Controller Kit - Others (Exclude High Static Ducted)	€365
	RBC-AXU31U-E	Wireless Receiver Kit for 4-Way Cassette	€259
	RBC-AXU31UM-E	Wireless Receiver Kit for Compact Cassette	€167
	RBC-AXU31UW-E	Wireless Receiver Kit for 2-Way Cassette	€305
	RBC-AXU31UMP-E	Wireless Remote Controller Kit for compact 4-way White	€152
	RBC-AXU31UMPB-E	Wireless Remote Controller Kit for compact 4-way Black	€166
	RBC-AXU33UP-E	Wireless Receiver Kit for 4-Way Cassette (Compatible with MMU-UP_1HP-E & RAV-HM_1UTP-E)	€182
	RBC-AXU41U-E	Wireless Receiver Kit for 4-Way Cassette	€259
	RBC-AXU33UPB-E	Wireless Remote Controller kit (IR receiver + handset), Black colour	€199
Controller Wired			
Controller Wired	RBC-AS41E	Simplified Remote Controller	€122
	RBC-ASCU11-E	Compact Remote Controller	€87
	RBC-ASCU32Y-E	Compact Remote Controller	€87
	RBC-AMT32E	Standard Remote Controller	€92
	RBC-AMTU31-E	Standard Remote Controller	€101
	RBC-AMS41E	Standard Remote Controller C/W 24/7 Schedule Timer	€112
	RBC-AMSU52-E	Premium Remote Controller C/W 24/7 Schedule Timer	€179
	RBC-AWSU52-E	Premium Remote Controller C/W 24/7 Schedule Timer + Bluetooth	€206
	RBC-MTSC1	Mini Touch Screen Controller	€334
	RBC-MTSC2	Mini Touch Screen Controller C/W 24/7 Schedule Timer	€396
Central Controller Wired			
Central Controller Wired	BMS-CT1280E	Touch Screen Controller	€4,817
	BMS-CT2560U-E	256 Touch Screen Controller (Multi Language)	€5,334
	BMS-CT5121E	Touch Screen Controller	€6,593
	RBC-BP2	Black Pear BMS Controller	€5,259
	RBC-BPB1	Black Pear Controller For BACnet	€4,892
	RBC-BPM1	Black Pear Controller For Modbus	€4,892

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RAV Accessories

RAV Accessories	Model	Description	Price
Central Controller Wired (Continued)			
Central Controller Wired (Continued)	RBC-BPT1	Black Pear Controller For Trend	€4,892
	RBC-TBPUTS	Toshiba Black Pear Touchscreen 64/(128 TU2C link Only) ID Units	€4,025
	RBC-TBPUTSBC	Back box for Smart Touch (RBC-TBPUTS)	€292
	TCB-SC640U-E	64 Central Remote Controller	€1,202
Control Panel			
Control Panel	RBC-AC1	Unit Auto Change Over With Temperature High Limit Stat (1 Run/1 Standby)	€2,079
	RBC-AC2	Unit Auto Change Over With Temperature High Limit Stat (2 Run/1 Standby)	€2,421
	RBC-AM1E	Remote Controller	€193
	RBC-EM1-PE	Energy Monitoring Kit	€1,547
Indoor Interface			
Indoor Interface	BMS-IFKX0TLR-E	KNX interface for LC-VRF	€605
	BMS-IFLSV4E	TCS-Net Relay Interface	€1,143
	BMS-IFMB0TLR-E	Modbus interface for LC-VRF	€506
	BMS-IFMB0UEW-E	MODBUS CONTROLLER FOR ESTIA R32	€570
	BMS-IFMB1280U-E	Modbus Interface	€2,277
	BMS-WB2561PWE	Web Server/Gateway Server Connection Of Up To 256 Indoor Units	€4,716
	RBC-AVS2	Averaging Sensors	€225
	RBC-AVS3	Averaging Sensors	€250
	RBC-AVS4	Averaging Sensors	€266
	RBC-CK1	VRF - DI/SDI Conversion Kit	€167
	RBC-CK2	VRF 6 Series MMF Units Conversion Kit	€136
	RBC-FDP3-AHU	Monitoring & Control Interface With AHU Firmware	€683
	RBC-FDP3-PE	Monitoring & Control Interface For VRF & DI/SDI	€483
	RBC-SMF1	Enables Control Of External Fans	€75
	RBC-SMIM2	Indicator Module For Unit In Heating Mode, Cooling Mode Or Fan	€110
	RBC-SMIM3	Indicator Module For Stopping Fault And Unit Run	€105
	RBC-SMIM4	Indicator Module For Stopping Fault, Unit Run inc. External Start/Stop & Control Lock	€116
	BMS-IWF0010UCP-E	WI-FI interface for LC & VRF	€228

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RAV Accessories

RAV Accessories	Model	Description	Price
Indoor Interface (Continued)			
Indoor Interface (Continued)	RBC-TS1I	Monitoring & Control Interface For VRF & DI/SDI	€382
	RBC-TXIO	Input/Output Interface For Third Party Equipment	€466
	RB-I301-E	Leak Detection Sensor Kit	€227
	TCB-ADCN510UP-E	4-Way Cassette Fascia Panel Adapter	€54
	TCB-IFCB5-PE	Window Switch & Remote ON/OFF	€37
	TCB-IFGSM1E	GSM Phone Control Interface	€842
	TCB-PCNT30TLE2	1:1 Model Connection Interface	€132
	TCB-PX100-PE	Enclosure For The Window Switch Remote ON/OFF	€26
Indoor Interface Lead			
Indoor Interface Lead	TCB-PX30MUE	Terminal Box For TCB-PCNT30TLE2	€100
	RBC-TAEX1	Extension Sensor TA	€48
	RBC-CN61CIMC	CN61 5 M Lead	€35
	RBC-IT4-PE	Timer For DI/SDI	€179
	RBC-SMCN61	Interface Lead For ON/OFF And Unit Remote Controller Lock	€14
	RBC-SMT1	Timer Interface Lead	€14
	TCB-KBCN32VEE	Connector For CN 32	€231
	TCB-KBCN60OPE	Connector For CN 60	€453
	TCB-KBCN61HAE	Connector For CN 61	€460
	TCB-KBCN70OAE	Connector For CN 70	€225
	TCB-KBCN73DEE	Connector For CN 73	€228
	TCB-KBCN80EXE	Connector For CN 80	€235
Interface			
Interface	TCB-KBOS4E	Cable Connector Kit	€47
	BMS-IFDD03E	Digital I/O Relay Interface	€791
	BMS-IFWH5E	Energy Monitoring Relay Interface	€748
	RBC-DI1-PE	Digital Input/Output Module (DI160)	€472
	RBC-IT2-PE	Timer Interface For R407C Equipment	€168
	TCB-DK01SS-E	Dyna Doctor Hardware	€2,467
Interface			
TCB-IFCB640TLE			Analogue Interface
			€2,446

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RAV Accessories

RAV Accessories	Model	Description	Price
Interface (Continued)			
Interface (Continued)	TCB-IFCG1TLE	General Purpose Interface	€2,446
	TCB-IFLN642TLE	LonWorks Gateway,	€1,870
	TCB-PCUC2E	Application Control Kit	€176
	TCB-PX40MUME	Control Box Enclosure For Interface PCB's	€100
Occupancy Sensor			
Occupancy Sensor	TCB-SIR33UP-E	Occupancy Sensor Kit (Compatible with MMU-UP_1HP-E & RAV-HM_1UTP-E)	€104
	TCB-SIR41U-E	Occupancy Sensor (Smart Cassettes)	€120
	TCB-SIR41UM-E	Occupancy Sensor (New 7 Series Compact Cassettes)	€120
	TCB-SIR41UY-P-E	Occupancy Sensor (1-Way cassette)	€104
Remote Sensor			
Remote Sensor	TCB-TC41U-E	Remote Sensor	€109
Air Discharge, Filtration & Inlet			
Air Discharge, Filtration & Inlet	RBC-VCK1	Ducted Vertical Conversion Kit	€768
	TCB-BC1602UE	4 Way Cassette Air Discharge Direction Kit (Suit 31PG)	€95
	TCB-BC1603UE	Smart Cassette Air Discharge Direction Kit	€95
	TCB-FF101URE2	Fresh Air Connection Spigot Kit (New 7 Series Compact Cassettes)	€67
	TCB-FF151US-E	Auxiliary Fresh Air Flange	€81
	TCB-SF160C6BPE	Discharge spigots for LC/VRF Ducted 4.0-6.0 HP	€250
	TCB-SF56C6BPE	Discharge spigots for LC/VRF Ducted 1.5-2.0 HP	€166
	TCB-SF80C6BPE	Discharge spigots for LC/VRF Ducted 3.0 HP	€196
	TCB-EAPC1UHP-E	Air Purifier Kit 4-Way Cassette (Heating RC + PURE Button)	€1,258
	TCB-GB1601UE2	Fresh-Air Inlet Box	€91
	TCB-GB1602UE	Fresh Air Inlet Box	€95
	TCB-GB1602UE2	Fresh Air Inlet Box	€79
	TCB-GFC1601UE2	Fresh-Air & Filter Chamber	€420
	TCB-GFC1602UE2	Fresh Air & Filter Chamber	€208
	TCB-GFC1603UE	Smart Cassette Fresh Air Filter Chamber	€253
	TCB-LK1401D-E	Long Life Filter Kit For MMD-*036_056#HP-E	€108
	TCB-LK2801DP-E	Long Life Filter Kit For MMD-*072_096#HP-E	€166
	TCB-LK801D-E	Long Life Filter Kit For MMD-*018_027#HP-E	€84

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RAV Accessories

RAV Accessories	Model	Description	Price
Air Discharge, Filtration & Inlet (Continued)			
Air Discharge, Filtration & Inlet (Continued)	TCB-UFH0481D-E	High Efficiency Filter 90% (48)	€651
	TCB-UFH1281D-E	High Efficiency Filter 90% (72-128)	€929
	TCB-UFM0481D-E	High Efficiency Filter 65% (48)	€647
	TCB-UFM1281D-E	High Efficiency Filter 65% (72-128)	€873
	TCB-SP1602UE	4-Way Cassette Spacer Height Adjustment For RBC-U32/U33P-E	€253
	TCB-SP1603UE	Smart Cassette Spacer Height Adjustment For RBC-U41PG(W)-E	€253
R410A Leak Detection			
R410A Leak Detection	RBC-RI1	Room Indicator For Use With RBC-RP1 (Legrand Graphite) Currently Grey	€108
	RBC-LDCIMC	Leak Detection 15M Lead	€67
	RBC-RP1	Repeater Panel C/W Battery Back Up	€1,935
	RBC-TSRP1	Repeater Panel (for use with RBC-TBPTS)	€904
	TCB-LD12V	Room Leak Detection Transformer 12v & Cable Kit (use with TCB-LDS1 & TCB-LDS2)	€233
	TCB-LDS1	Room Leak Detection With White Faceplate (requires Remote 12v Transformer)	€561
	TCB-LDS1BLK	Room Leak Detection With Black Faceplate (requires Remote 12v Transformer)	€505
	TCB-LDS2	Room Leak Detection With Stainless Steel Faceplate (requires Remote 12v Transformer)	€581
	RBC-TQ31	Room Leak Detector (With CN80 Cable)	€476
	RBC-TQ32-32	Area Alarm Panel - 32 Channels	€2,684
	RBC-TQ32-64	Area Alarm Panel - 64 Channels	€3,049
	RBC-TQ35	Central Alarm Panel (Combine upto 16 Area alarm panels)	€2,318
Outdoor Interface			
Outdoor Interface	TCB-IFCB-4E2	Remote Location ON/OFF Control Box	€390
	TCB-PCDM4E	Power Peak-Cut Control Board (SMMS/SHRM)	€139
	TCB-PCOS1E2	Application Control Kit	€255
Branch Joints			
Branch Joints	RBC-DTWP102-E	Double Twin Kit For DI & SDI	€359
	RBC-TRP100E	Triple Pipe Kit	€334
	RBC-TWP102-E	Twin Kit Large Capacity Di	€263
	RBC-TWP31-E	Twin Kit	€110
	RBC-TWP50E2	Twin Kit	€115

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RAV Accessories

RAV Accessories	Model	Description	Price
Condensate			
Condensate	TCB-DP22CE2	Drain Up Kits For DI Ceiling FCU	€320
	TCB-DP31CE	Drain Pump For DI Ceiling	€350
	TCB-DP31HEXE	Drain Pump Kit	€866
	TCB-DP40DFP-E	Drain Pump Kit (Lift up to 330 mm)	€511
	TCB-DP40DPE	Drain Pump Kit (MMD-*0726 To 0966HP-E)	€511
	TCB-KP14CPE	Ceiling Suspended Elbow Piping Kit (1.5-2.0hp)	€98
	TCB-KP22CE2	Elbow Piping Kit (*0241-0481)	€123
	TCB-KP24CPE	Ceiling Suspended Elbow Piping Kit (2.5-5.0hp)	€117
Anti-Corrosion Coating			
Anti-Corrosion Coating *	CACC-DF	Double Fan Unit Coil Anti-Corrosion Coating	€444
	CACC-DF1	Double Fan Unit Coil Anti-Corrosion Coating (Large Cap DI)	€491
	CACC-SF	Single Fan Unit Coil Anti-Corrosion Coating	€376
Painted Finish			
Painted Finish *	Paint-Ducted 07-18	Painted Ducted Unit Chassis	€564
	Paint-Ducted 24-30	Painted Ducted Unit Chassis	€643
	Paint-Ducted 36-56	Painted Ducted Unit Chassis	€725
	Paint-High Wall 56-80	Painted High Wall Unit Fascia	€383
	PAINT-U21FP	Painted Compact Cassette Fascia Panel	€365
	PAINT-U31FP	Painted 4-Way Cassette Fascia Panel	€365
Site Services			
Site Services	TTS-HVACC	HVAC Commissioning	TBA
	TTS-HVACM	HVAC Commissioning (additional charge greater than 75 miles journey)	TBA
	TTS-HVACA	HVAC Commissioning (additional charge overnight accommodation)	TBA
	TTS-HVACS	HVAC Site Visit	TBA
	TTS-HVACF	HVAC Fault Finding	TBA

*Additional delivery charges may apply

RESIDENTIAL
AIR-TO-WATER

ESTiA Air-to-Water Heat Pumps	Pages
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Estia R32 - Outdoor Unit - 1ph

Outdoor Unit	HWT-	401HW-E	601HW-E	801HW-E
Outdoor Unit Retail Price		€1,843	€2,072	€3,574
Nominal Heating Capacity	kW	4.0	6.0	8.0
SCOP - Energy Label	kW/kW	4.53 - A+++	4.58 - A+++	4.63 - A+++
Sound Pressure Outdoor (Rated-Silent)	dB(A)	45-40	46-42	51-46
Dimensions (HxWxD)	mm	630 x 800 x 300	630 x 800 x 300	1050 x 1010 x 370
Weight	kg	42	42	75
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 25
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare Connections (Gas - Liquid)	inch	1/2 - 1/4	1/2 - 1/4	5/8 - 1/4
Min.-Max. Length - Height Difference	m	5-30 - 30	5-30 - 30	5-30 - 30
Chargeless pipe length	kg/m	20	20	8
Refrigerant - additional charge	Type/kg/g	R32/0.9/20	R32/0.9/20	R32/1.25/25



Estia R32 - Outdoor Unit - 1ph (Continued)

Outdoor Unit	HWT-	1101HW-E	1401HW-E
Outdoor Unit Retail Price		€4,003	€4,947
Nominal Heating Capacity	kW	11.0	14.0
SCOP - Energy Label	kW/kW	4.55 - A+++	4.60 - A+++
Sound Pressure Outdoor (Rated-Silent)	dB(A)	51-49	59-50
Dimensions (HxWxD)	mm	1050 x 1010 x 370	1050 x 1010 x 370
Weight	kg	75	88
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 25	220/240-1-50 & 32
Interconnecting Cable		(3C+E)	(3C+E)
Flare Connections (Gas - Liquid)	inch	5/8 - 1/4	5/8 - 1/4
Min.-Max. Length - Height Difference	m	5-30 - 30	5-30 - 25
Chargeless pipe length	kg/m	8	8
Refrigerant - additional charge	Type/kg/g	R32/1.25/25	R32/1.4/25

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Estia R32 - Outdoor Unit - 3ph

Outdoor Unit	HWT-	801H8W-E	1101H8W-E	1401H8W-E
Outdoor Unit Retail Price		€4,460	€4,994	€6,184
Nominal Heating Capacity	kW	8.0	11.0	14.0
SCOP - Energy Label	kW/kW	4.51 - A+++	4.56 - A+++	4.57 - A+++
Sound Pressure Outdoor (Rated-Silent)	dB(A)	50-48	58-49	59-51
Dimensions (HxWxD)	mm	1050 x 1010 x 370	1050 x 1010 x 370	1050 x 1010 x 370
Weight	kg	92	92	92
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 25	380/415-3-50 & 25	380/415-3-50 & 25
Interconnecting Cable		(3C+E)	(3C+E)	(3C+E)
Flare Connections (Gas - Liquid)	inch	5/8 - 1/4	5/8 - 1/4	5/8 - 1/4
Min.-Max. Length - Height Difference	m	5-25 - 25	5-25 - 25	5-25 - 25
Chargeless pipe length	kg/m	8	8	8
Refrigerant - additional charge	Type/kg/g	R32/1.3/25	R32/1.3/25	R32/1.4/25



Estia R32 - Hydro unit

Hydro Unit	HWT-	601XWHM3W-E	601XWHM6W-E	1101XWHM3W-E
Hydro Unit Retail Price		€3,739	€4,014	€4,084
Operation Temperature Range Heating	kW	20 - 55	20 - 55	20 - 65
Pump Flow Rate	kW/kW	11.6	17.3	23.1
Sound Pressure Level	dB(A)	29	29	29
Dimensions (HxWxD)	mm	720 x 450 x 235	720 x 450 x 235	720 x 450 x 235
Weight	kg	27	27	27
Back Up Heater Power/Maximum Current	kW/Amps	3.0/13	6.0/26	3.0/13
Suggested Back Up Heater Power Supply	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 32	220/240-1-50 & 16
Water Pipe Outlet/Inlet	mm	R1 1/4	R1 1/4	R1 1/4
Refrigerant Piping (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4	5/8 - 1/4

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Estia R32 - Hydro unit (Continued)

Hydro Unit	HWT-	1101XWHM6W-E	1401XWHM3W-E	1401XWHM6W-E
Hydro Unit Retail Price		€4,370	€4,668	€4,994
Operation Temperature Range Heating	kW	20 - 65	20 - 65	20 - 65
Pump Flow Rate	kW/kW	23.1	40.1	40.1
Sound Pressure Level	dB(A)	29	29	29
Dimensions (HxWxD)	mm	720 x 450 x 235	720 x 450 x 235	720 x 450 x 235
Weight	kg	27	27	27
Back Up Heater Power/Maximum Current	kW/Amps	6.0/26	3.0/13	6.0/26
Suggested Back Up Heater Power Supply	V-ph-Hz & A	220/240-1-50 & 32	220/240-1-50 & 16	220/240-1-50 & 32
Water Pipe Outlet/Inlet	mm	R1 1/4	R1 1/4	R1 1/4
Refrigerant Piping (gas - liquid)	inch	5/8 - 1/4	5/8 - 1/4	5/8 - 1/4



Estia R32 - Domestic Hot Water Tank

Domestic Hot Water Tank	HWS-	1501CSHM3-UK	2101CSHM3-UK	3001CSHM3-UK
Material		Stainless steel	Stainless steel	Stainless steel
DHWT Retail Price		€1,348	€1,571	€1,906
Maximum Water Temperature	°C	75	75	75
Water Volume	litres	150	210	300
Standing Heat Loss	kWh/day	1.45	1.91	2.52
Opening Temperature of T&P Relief Valve	°C	90	90	90
Opening Pressure of T&P Relief Valve	mPa - bar	1.0 - 10	1.0 - 10	1.0 - 10
Electric Heater	kW	2.75	2.75	2.75
Height - Diameter	mm	1090 - 550	1474 - 550	2040 - 550
Net Weight	kg	31	41	60
Suggested Power Supply	V-ph-Hz & A	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 16

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ESTiA Accessories

ESTiA Accessories	Model	Description	Price
Controller Wired			
Controller Wired	HWS-AMS54E	Remote Controller	€179
	HWS-AMSU51-E	2nd Remote Controller	€151
Indoor Interface			
Indoor Interface	HWS-IFAIP01U-E	0-10V Interface	€321
	HWS-IWF0010UP-E	Wifi Interface Box	€228
Interface			
Interface	TCB-PCIN3E	Error Output Control Board (Estia)	€141
	TCB-PCMO3E	External Input PCB (Estia)	€99

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USX Edge
R32 High Capacity Heat Pump

USX R32 High Capacity Heat Pump	Pages
USX R32 High Capacity Heat Pump	170



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Push Boundaries with USX Edge R32 High Capacity Heat Pump*

- Outstanding high energy efficiency at full load and partial load, thanks to the combination of the low GWP refrigerant R32 and the new generation of DC inverter compressor.
- Precise control of water volume and pressure based on the required load, thanks to the internal pump module with variable flow bypass control, for higher system efficiency.



Low GWP
R32 refrigerant



Risk diversification
by modular
structure



X frame space
saving design



Twin rotary
Compressor



Market leading
efficiencies



Broad operating
range



[Click here](#) to download the full USX Edge brochure

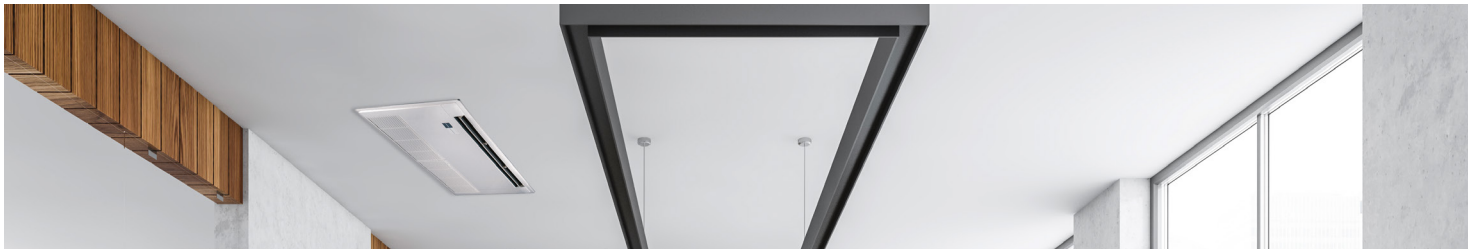
[Click here](#) to download Toshiba's full road to Net Zero solutions brochure and how the USX can benefit you

*For further details on product specification and pricing please contact projects.uk@toshiba-ac.com

VRF

R410a Outdoor Units

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Mini SMMSe - VRF 2-Pipe Heat Pump Outdoor Unit 1Ph

Outdoor unit - SD	MCY-	MHP0406HT-E	MHP0506HT-E1	MHP0404HS-E
Outdoor Unit Retail Price		€4,028	€4,349	€4,908
Rated Cooling capacity	kW	12.1	14.0	12.1
Rated Heating capacity	kW	12.5	16.0	12.5
Maximum Number Of Indoor Units	Qty	8	10	8
SEER - SCOP - Energy Label (or nsc %)	kW/kW	8.08-3.83 - 320.2-150.2	7.77-3.88 - 307.8-152.2	9.42-4.17 - 373.8-163.8
Sound pressure level	dB(A)	57	58	52
Dimensions (HxWxD)	mm	910 x 990 x 390	910 x 990 x 390	1235 x 990 x 390
Weight	kg	100	100	127
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 20	220/240-1-50 & 25	220/240-1-50 & 20
Power Cable - OD		(3C+E)	(3C+E)	(3C+E)
Pipe Connections (Gas - Liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Max pipe length - Max height separation*	m	90 - 15/15	90 - 15/15	100 - 20/30
Refrigerant additional charge R410A	kg	3.3	3.3	6.4

* Figures given are for OD below/above indoor unit



Mini SMMSe - VRF 2-Pipe Heat Pump Outdoor Unit 1ph (Continued)

Outdoor unit - SD	MCY-	MHP0504HS-E	MHP0604HS-E
Outdoor Unit Retail Price		€5,550	€5,967
Rated Cooling capacity	kW	14.0	15.5
Rated Heating capacity	kW	16.0	18
Maximum Number Of Indoor Units	Qty	10	13
SEER - SCOP - Energy Label (or nsc %)	kW/kW	9.23-4.24 - 366.2-166.6	9.68-4.37 - 384.2-171.8
Sound pressure level	dB(A)	53	54
Dimensions (HxWxD)	mm	1235 x 990 x 390	1235 x 990 x 390
Weight	kg	127	127
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 25	220/240-1-50 & 25
Power Cable - OD		(3C+E)	(3C+E)
Pipe Connections (Gas - Liquid)	inch	5/8 - 3/8	5/8 - 3/8
Max pipe length - Max height separation*	m	100 - 20/30	100 - 20/30
Refrigerant additional charge R410A	kg	6.4	6.4

* Figures given are for OD below/above indoor unit

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Mini SMMSe - VRF 2-Pipe Heat Pump Outdoor Unit 3ph

Outdoor unit - SD	MCY-	MHP0404HS8-E	MHP0504HS8-E	MHP0604HS8-E
Outdoor Unit Retail Price		€5,019	€5,688	€6,013
Rated Cooling capacity	kW	12.1	14.0	15.5
Rated Heating capacity	kW	12.5	16.0	18.0
Maximum Number Of Indoor Units	Qty	8	10	13
SEER - SCOP - Energy Label (or nsc %)	kW/kW	9.47-4.19 - 375.8-164.6	9.29-4.25 - 368.6-167.0	9.74-4.38 - 386.6-172.2
Sound pressure level	dB(A)	52	53	54
Dimensions (HxWxD)	mm	1235 x 990 x 390	1235 x 990 x 390	1235 x 990 x 390
Weight	kg	125	125	125
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 10	380/415-3-50 & 16	380/415-3-50 & 16
Power Cable - OD		(4C+E)	(4C+E)	(4C+E)
Pipe Connections (Gas - Liquid)	inch	5/8 - 3/8	5/8 - 3/8	3/4 - 3/8
Max pipe length - Max height separation*	m	180 - 20/30	180 - 20/30	180 - 20/30
Refrigerant additional charge R410A	kg	6.4	6.4	6.4

* Figures given are for OD below/above indoor unit



Mini SMMSe - VRF 2-Pipe Heat Pump Outdoor Unit 3ph (Continued)

Outdoor unit - SD	MCY-	MHP0806HS8-E	MHP1006HS8-E
Outdoor Unit Retail Price		€7,453	€7,718
Rated Cooling capacity	kW	22.4	28.0
Rated Heating capacity	kW	22.4	28.0
Maximum Number Of Indoor Units	Qty	12	16
SEER - SCOP - Energy Label (or nsc %)	kW/kW	8.09-4.50 - 320.6-177.0	7.40-4.42 - 293.0-173.8
Sound pressure level	dB(A)	59	60
Dimensions (HxWxD)	mm	1740 x 990 x 390	1740 x 990 x 390
Weight	kg	147	147
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 20	380/415-3-50 & 25
Power Cable - OD		(4C+E)	(4C+E)
Pipe Connections (Gas - Liquid)	inch	3/4 - 3/8	3/4 - 3/8
Max pipe length - Max height separation*	m	300 - 50/30	300 - 50/30
Refrigerant additional charge R410A	kg	4.4	4.4

* Figures given are for OD below/above indoor unit

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SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit

Outdoor unit	MMY-	MUP0801HT8P-E	MUP1001HT8P-E	MUP1201HT8P-E
Outdoor Unit Retail Price		€8,645	€9,391	€10,863
Rated Cooling capacity	kW	22.4	28.0	33.5
Rated Heating capacity	kW	25.0	31.5	37.5
Maximum Number Of Indoor Units	Qty	18	22	27
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.44-4.50 - 294.6-177.0	7.73-4.78 - 306.2-188.2	7.32-4.75 - 289.8-187.0
Sound pressure level	dB(A)	56	58	62
Dimensions (HxWxD)	mm	1690 x 990 x 780	1690 x 990 x 780	1690 x 990 x 780
Weight	kg	228.00	228.00	228.00
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 20	380/415-3-50 & 25	380/415-3-50 & 32
Power Cable - OD		(4C+E)	(4C+E)	(4C+E)
Pipe Connections (Gas - Liquid)	inch	3/4 - 1/2	7/8 - 1/2	1-1/8 - 1/2
Max pipe length - Max height separation*	m	500 - 70/40	500 - 70/40	500 - 70/40
Refrigerant additional charge R410A	kg	6.0	6.0	6.0

* Figures given are for OD below/above indoor unit



SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit (Continued)

Outdoor unit	MMY-	MUP1401HT8P-E	MUP1601HT8P-E	MUP1801HT8P-E
Outdoor Unit Retail Price		€13,020	€14,176	€15,376
Rated Cooling capacity	kW	40.0	45.0	50.4
Rated Heating capacity	kW	45.0	50.0	56.0
Maximum Number Of Indoor Units	Qty	31	36	40
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.05-4.60 - 279.0-181.0	7.71-4.79 - 305.4-188.6	7.68-4.75 - 304.2-187.0
Sound pressure level	dB(A)	62	63	67
Dimensions (HxWxD)	mm	1690 x 990 x 780	1690 x 1290 x 780	1690 x 1290 x 780
Weight	kg	228.00	312.00	312.00
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 40	380/415-3-50 & 40	380/415-3-50 & 40
Power Cable - OD		(4C+E)	(4C+E)	(4C+E)
Pipe Connections (Gas - Liquid)	inch	1-1/8 - 5/8	1-1/8 - 5/8	1-1/8 - 5/8
Max pipe length - Max height separation*	m	500 - 70/40	500 - 70/40	500 - 70/40
Refrigerant additional charge R410A	kg	6.0	9.0	9.0

* Figures given are for OD below/above indoor unit

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SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit (Continued)

Outdoor unit	MMY-	MUP2001HT8P-E	MUP2201HT8P-E	MUP2401HT8P-E1
Outdoor Unit Retail Price		€16,435	€17,570	€19,304
Rated Cooling capacity	kW	56.0	61.5	67.0
Rated Heating capacity	kW	63.0	69.0	70.0
Maximum Number Of Indoor Units	Qty	45	49	54
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.62-4.43 - 301.8-174.2	7.23-4.44 - 286.2-174.6	6.87-4.17 - 271.8-163.8
Sound pressure level	dB(A)	67	67	67
Dimensions (HxWxD)	mm	1690 x 1290 x 780	1690 x 1290 x 780	1690 x 1290 x 780
Weight	kg	334.00	356.00	356.00
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 40	380/415-3-50 & 50	380/415-3-50 & 63
Power Cable - OD		(4C+E)	(4C+E)	(4C+E)
Pipe Connections (Gas - Liquid)	inch	1-1/8 - 5/8	1-1/8 - 3/4	1-3/8 - 3/4
Max pipe length - Max height separation*	m	500 - 70/40	500 - 70/40	500 - 70/40
Refrigerant additional charge R410A	kg	9.0	9.0	9.0

* Figures given are for OD below/above indoor unit



SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations

Outdoor Reference	MMY-	UP2611HT8P-E	UP2811HT8P-E	UP3011HT8P-E
Unit 1	MMY-	MUP1401HT8P-E	MUP1401HT8P-E	MUP1801HT8P-E
Unit 2	MMY-	MUP1201HT8P-E	MUP1401HT8P-E	MUP1201HT8P-E
System Retail Price		€23,883	€26,040	€26,239
Rated Cooling capacity	kW	73.5	80.0	83.9
Rated Heating capacity	kW	73.5	80.0	83.9
Maximum Number Of Indoor Units	Qty	58	63	64
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.17-4.67 - 283.8-183.8	7.05-4.60 - 279.0-181.0	7.52-4.75 - 297.8-187.0
Dimensions (HxWxD)	mm	1690 x 2000 x 780	1690 x 2000 x 780	1690 x 2300 x 780
Weight	kg	228 + 228	228 + 228	312 + 228
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E) & 40+32	(4C+E) & 40+40	(4C+E)& 40+32
Pipe Connections (Gas - Liquid)	inch	1 3/8 - 3/4	1 3/8 - 3/4	1 3/8 - 3/4
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40	1200 - 70 /40
Refrigerant additional charge R410A	kg	6 + 6	6 + 6	9 + 6

* Figures given are for OD below/above indoor unit

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SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP3211HT8P-E	UP3411HT8P-E	UP3611HT8P-E
Unit 1	MMY-	MUP2001HT8P-E	MUP2001HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP1201HT8P-E	MUP1401HT8P-E	MUP1201HT8P-E
System Retail Price		€27,298	€29,455	€30,167
Rated Cooling capacity	kW	89.5	96.0	100.5
Rated Heating capacity	kW	89.5	96.0	100.5
Maximum Number Of Indoor Units	Qty	65	66	67
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.50-4.55 - 297.0-179.0	7.38-4.50 - 292.2-177.0	7.01-4.38 - 277.4-172.2
Dimensions (HxWxD)	mm	1690 x 2300 x 780	1690 x 2300 x 780	1690 x 2300 x 780
Weight	kg	334 + 228	334 + 228	356 + 228
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E)& 40+32	(4C+E)& 40+40	(4C+E)& 63+32
Pipe Connections (Gas - Liquid)	inch	1 3/8 - 3/4	1 3/8 - 3/4	1 5/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40	1200 - 70 /40
Refrigerant additional charge R410A	kg	9 + 6	9 + 6	9 + 6

* Figures given are for OD below/above indoor unit



SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP3811HT8P-E	UP4011HT8P-E	UP4211HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2001HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP1401HT8P-E	MUP2001HT8P-E	MUP1801HT8P-E
System Retail Price		€32,324	€32,870	€34,680
Rated Cooling capacity	kW	107.0	112.0	117.4
Rated Heating capacity	kW	107.0	112.0	117.4
Maximum Number Of Indoor Units	Qty	68	69	70
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.93-4.33 - 274.2-170.2	7.62-4.43 - 301.8-174.2	7.22-4.43 - 285.8-174.2
Dimensions (HxWxD)	mm	1690 x 2300 x 780	1690 x 2600 x 780	1690 x 2600 x 780
Weight	kg	356 + 228	334 + 334	356 + 312
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E)& 63+40	(4C+E)& 40+40	(4C+E)& 63+40
Pipe Connections (Gas - Liquid)	inch	1 5/8 - 7/8	1 5/8 - 7/8	1 5/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40	1200 - 70 /40
Refrigerant additional charge R410A	kg	9 + 6	9 + 9	9 + 9

* Figures given are for OD below/above indoor unit

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SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP4411HT8P-E	UP4611HT8P-E	UP4811HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2401HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP2001HT8P-E	MUP2201HT8P-E	MUP2401HT8P-E
System Retail Price		€35,739	€36,874	€38,608
Rated Cooling capacity	kW	123.0	128.5	134.0
Rated Heating capacity	kW	123.0	128.5	134.0
Maximum Number Of Indoor Units	Qty	71	72	73
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.21-4.30 - 285.4-169.0	7.04-4.31 - 278.6-169.4	6.87-4.17 - 271.8-163.8
Dimensions (HxWxD)	mm	1690 x 2600 x 780	1690 x 2600 x 780	1690 x 2600 x 780
Weight	kg	356 + 334	356 + 356	356 + 356
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E)& 63+40	(4C+E)& 63+50	(4C+E)& 63+63
Pipe Connections (Gas - Liquid)	inch	1 5/8 - 7/8	1 5/8 - 7/8	1 5/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40	1200 - 70 /40
Refrigerant additional charge R410A	kg	9 + 9	9 + 9	9 + 9

* Figures given are for OD below/above indoor unit



SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP5011HT8P-E	UP5211HT8P-E	UP5411HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2401HT8P-E	MUP2001HT8P-E
Unit 2	MMY-	MUP1401HT8P-E	MUP1401HT8P-E	MUP2001HT8P-E
Unit 3		MUP1201HT8P-E	MUP1401HT8P-E	MUP1401HT8P-E
System Retail Price		€43,187	€45,344	€45,890
Rated Cooling capacity	kW	140.5	147.0	152.0
Rated Heating capacity	kW	140.5	147.0	152.0
Maximum Number Of Indoor Units	Qty	74	75	76
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.02-4.44 - 277.8-174.6	6.96-4.41 - 275.4-173.4	7.49-4.47 - 296.6-175.8
Dimensions (HxWxD)	mm	1690 x 3310 x 780	1690 x 3310 x 780	1690 x 3610 x 780
Weight	kg	356 + 228 + 228	356 + 228 + 228	334 + 334 + 228
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E)& 63+40+32	(4C+E)& 63+40+40	(4C+E)& 40+40+40
Pipe Connections (Gas - Liquid)	inch	1 5/8 - 7/8	1 5/8 - 7/8	1 5/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40	1200 - 70 /40
Refrigerant additional charge R410A	kg	9 + 6 + 6	9 + 6 + 6	9 + 9 + 6

* Figures given are for OD below/above indoor unit

TOSHIBA



SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP5611HT8P-E	UP5811HT8P-E	UP6011HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2401HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP2001HT8P-E	MUP2001HT8P-E	MUP2401HT8P-E
Unit 3		MUP1201HT8P-E	MUP1401HT8P-E	MUP1201HT8P-E
System Retail Price		€46,602	€48,759	€49,471
Rated Cooling capacity	kW	156.5	163.0	167.5
Rated Heating capacity	kW	156.5	163.0	167.5
Maximum Number Of Indoor Units	Qty	77	78	79
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.23-4.41 - 286.2-173.4	7.19-4.37 - 284.6-171.8	6.95-4.30 - 275.0-169.0
Dimensions (HxWxD)	mm	1690 x 3610 x 780	1690 x 3610 x 780	1690 x 3610 x 780
Weight	kg	356 + 334 + 228	356 + 334 + 228	356 + 356 + 228
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E)& 63+40+32	(4C+E)& 63+40+40	(4C+E) & 63+63+32
Pipe Connections (Gas - Liquid)	inch	1 5/8 - 7/8	1 5/8 - 7/8	1 5/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40	1200 - 70 /40
Refrigerant additional charge R410A	kg	9 + 9 + 6	9 + 9 + 6	9 + 9 + 6

* Figures given are for OD below/above indoor unit



SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP6211HT8P-E	UP6411HT8P-E	UP6611HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2401HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP2401HT8P-E	MUP2001HT8P-E	MUP2201HT8P-E
Unit 3		MUP1401HT8P-E	MUP2001HT8P-E	MUP2001HT8P-E
System Retail Price		€51,628	€52,174	€53,309
Rated Cooling capacity	kW	174.0	179.0	184.5
Rated Heating capacity	kW	174.0	179.0	184.5
Maximum Number Of Indoor Units	Qty	80	81	82
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.92-4.27 - 273.8-167.8	7.34-4.34 - 290.6-170.6	7.21-4.35 - 285.4-171.0
Dimensions (HxWxD)	mm	1690 x 3610 x 780	1690 x 3910 x 780	1690 x 3910 x 780
Weight	kg	356 + 356 + 228	356 + 334 + 334	356 + 356 + 334
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E)& 63+63+40	(4C+E)& 63+40+40	(4C+E)& 63+50+40
Pipe Connections (Gas - Liquid)	inch	1 5/8 - 7/8	1 5/8 - 7/8	1 5/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40	1200 - 70 /40
Refrigerant additional charge R410A	kg	9 + 9 + 6	9 + 9 + 9	9 + 9 + 9

* Figures given are for OD below/above indoor unit

TOSHIBA



SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP6811HT8P-E	UP7011HT8P-E	UP7211HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2401HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP2401HT8P-E	MUP2401HT8P-E	MUP2401HT8P-E
Unit 3		MUP2001HT8P-E	MUP2201HT8P-E	MUP2401HT8P-E
System Retail Price		€55,043	€56,178	€57,912
Rated Cooling capacity	kW	190.0	195.5	201.0
Rated Heating capacity	kW	190.0	195.5	201.0
Maximum Number Of Indoor Units	Qty	83	84	85
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.09-4.26 - 280.6-167.4	6.98-4.26 - 276.2-167.4	6.87-4.17 - 271.8-163.8
Dimensions (HxWxD)	mm	1690 x 3910 x 780	1690 x 3910 x 780	1690 x 3910 x 780
Weight	kg	356 + 356 + 334	356 + 356 + 356	356 + 356 + 356
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E)& 63+63+40	(4C+E)& 63+63+50	(4C+E)& 63+63+63
Pipe Connections (Gas - Liquid)	inch	1 5/8 - 7/8	1 5/8 - 7/8	1 5/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40	1200 - 70 /40
Refrigerant additional charge R410A	kg	9 + 9 + 9	9 + 9 + 9	9 + 9 + 9

* Figures given are for OD below/above indoor unit



SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP7411HT8P-E	UP7611HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 3		MUP1401HT8P-E	MUP1401HT8P-E
Unit 4		MUP1201HT8P-E	MUP1401HT8P-E
System Retail Price		€62,491	€64,648
Rated Cooling capacity	kW	207.5	214.0
Rated Heating capacity	kW	207.5	214.0
Maximum Number Of Indoor Units	Qty	86	87
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.97-4.36 - 275.8-171.4	6.93-4.33 - 274.2-170.2
Dimensions (HxWxD)	mm	1690 x 4620 x 780	1690 x 4620 x 780
Weight	kg	356 + 356 + 228 + 228	356 + 356 + 228 + 228
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E) & 63+63+40+32	(4C+E)& 63+63+40+40
Pipe Connections (Gas - Liquid)	inch	1 5/8 - 7/8	2 1/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40
Refrigerant - additional charge R410A	kg	9 + 9 + 6 + 6	9 + 9 + 6 + 6

* Figures given are for OD below/above indoor unit

TOSHIBA



SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP7811HT8P-E	UP8011HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP2001HT8P-E	MUP2401HT8P-E
Unit 3		MUP2001HT8P-E	MUP2001HT8P-E
Unit 4		MUP1401HT8P-E	MUP1201HT8P-E
System Retail Price		€65,194	€65,906
Rated Cooling capacity	kW	219.0	223.5
Rated Heating capacity	kW	219.0	223.5
Maximum Number Of Indoor Units	Qty	88	90
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.30-4.39 - 289.0-172.6	7.14-4.34 - 282.6-170.6
Dimensions (HxWxD)	mm	1690 x 4920 x 780	1690 x 4920 x 780
Weight	kg	356 + 334 + 334 + 228	356 + 356 + 334 + 228
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E)& 63+40+40+40	(4C+E)& 63+63+40+32
Pipe Connections (Gas - Liquid)	inch	2 1/8 - 7/8	2 1/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40
Refrigerant additional charge R410A	kg	9 + 9 + 9 + 6	9 + 9 + 9 + 6

* Figures given are for OD below/above indoor unit



SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP8211HT8P-E	UP8411HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 3		MUP2001HT8P-E	MUP2401HT8P-E
Unit 4		MUP1401HT8P-E	MUP1201HT8P-E
System Retail Price		€68,063	€68,775
Rated Cooling capacity	kW	230.0	234.5
Rated Heating capacity	kW	230.0	234.5
Maximum Number Of Indoor Units	Qty	92	94
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.10-4.32 - 281.0-169.8	6.95-4.26 - 275.0-167.4
Dimensions (HxWxD)	mm	1690 x 4920 x 780	1690 x 4920 x 780
Weight	kg	356 + 356 + 334 + 228	356 + 356 + 356 + 228
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E)& 63+63+40+40	(4C+E)& 63+63+63+32
Pipe Connections (Gas - Liquid)	inch	2 1/8 - 7/8	2 1/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40
Refrigerant - additional charge R410A	kg	9 + 9 + 9 + 6	9 + 9 + 9 + 6

* Figures given are for OD below/above indoor unit

TOSHIBA



SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP8611HT8P-E	UP8811HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 3		MUP2401HT8P-E	MUP2001HT8P-E
Unit 4		MUP1401HT8P-E	MUP2001HT8P-E
System Retail Price		€70,932	€71,478
Rated Cooling capacity	kW	241.0	246.0
Rated Heating capacity	kW	241.0	246.0
Maximum Number Of Indoor Units	Qty	96	98
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.91-4.25 - 273.4-167.0	7.21-4.30 - 285.4-169.0
Dimensions (HxWxD)	mm	1690 x 4920 x 780	1690 x 5220 x 780
Weight	kg	356 + 356 + 356 + 228	356 + 356 + 334 + 334
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E)& 63+63+63+40	(4C+E)& 63+63+40+40
Pipe Connections (Gas - Liquid)	inch	2 1/8 - 7/8	2 1/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40
Refrigerant additional charge R410A	kg	9 + 9 + 9 + 6	9 + 9 + 9 + 9

* Figures given are for OD below/above indoor unit



SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP9011HT8P-E	UP9211HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 3		MUP2201HT8P-E	MUP2401HT8P-E
Unit 4		MUP2001HT8P-E	MUP2001HT8P-E
System Retail Price		€72,613	€74,347
Rated Cooling capacity	kW	251.5	257.0
Rated Heating capacity	kW	251.5	257.0
Maximum Number Of Indoor Units	Qty	100	102
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.12-4.30 - 281.8-169.0	7.03-4.24 - 278.2-166.6
Dimensions (HxWxD)	mm	1690 x 5220 x 780	1690 x 5220 x 780
Weight	kg	356 + 356 + 356 + 334	356 + 356 + 356 + 334
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E)& 63+63+50+40	(4C+E)& 63+63+63+40
Pipe Connections (Gas - Liquid)	inch	2 1/8 - 7/8	2 1/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40
Refrigerant - additional charge R410A	kg	9 + 9 + 9 + 9	9 + 9 + 9 + 9

* Figures given are for OD below/above indoor unit

TOSHIBA



SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP9411HT8P-E	UP9611HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 3		MUP2401HT8P-E	MUP2401HT8P-E
Unit 4		MUP2201HT8P-E	MUP2401HT8P-E
System Retail Price		€75,482	€77,216
Rated Cooling capacity	kW	262.5	268.0
Rated Heating capacity	kW	262.5	268.0
Maximum Number Of Indoor Units	Qty	104	106
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.95-4.24 - 275.0-166.6	6.87-4.17 - 271.8-163.8
Dimensions (HxWxD)	mm	1690 x 5220 x 780	1690 x 5220 x 780
Weight	kg	356 + 356 + 356 + 356	356 + 356 + 356 + 356
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E) & 63+63+63+50	(4C+E)& 63+63+63+63
Pipe Connections (Gas - Liquid)	inch	2 1/8 - 7/8	2 1/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40
Refrigerant additional charge R410A	kg	9 + 9 + 9 + 9	9 + 9 + 9 + 9

* Figures given are for OD below/above indoor unit



SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP9811HT8P-E	UP10011HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 3		MUP2401HT8P-E	MUP2401HT8P-E
Unit 4		MUP1401HT8P-E	MUP1401HT8P-E
Unit 5		MUP1201HT8P-E	MUP1401HT8P-E
System Retail Price		€81,795	€83,952
Rated Cooling capacity	kW	274.5	281.0
Rated Heating capacity	kW	274.5	281.0
Maximum Number Of Indoor Units	Qty	108	110
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.95-4.31 - 275.0-169.4	6.94-4.30 - 274.6-169.0
Dimensions (HxWxD)	mm	1690 x 5930 x 780	1690 x 5930 x 780
Weight	kg	356 + 356 + 356 + 228 + 228	356 + 356 + 356 + 228 + 228
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E)& 63+63+63+40+32	(4C+E)& 63+63+63+40+40
Pipe Connections (Gas - Liquid)	inch	2 1/8 - 7/8	2 1/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40
Refrigerant additional charge R410A	kg	9 + 9 + 9 + 6 + 6	9 + 9 + 9 + 6 + 6

* Figures given are for OD below/above indoor unit

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SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP10211HT8P-E	UP10411HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 3		MUP2001HT8P-E	MUP2401HT8P-E
Unit 4		MUP2001HT8P-E	MUP2001HT8P-E
Unit 5		MUP1401HT8P-E	MUP1201HT8P-E
System Retail Price		€84,498	€85,210
Rated Cooling capacity	kW	286.0	290.5
Rated Heating capacity	kW	286.0	290.5
Maximum Number Of Indoor Units	Qty	112	114
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.20-4.34 - 285.0-170.6	7.08-4.30 - 280.2-169.0
Dimensions (HxWxD)	mm	1690 x 6230 x 780	1690 x 6230 x 780
Weight	kg	356 + 356 + 334 + 334 + 228	356 + 356 + 356 + 334 + 228
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E)& 63+63+40+40+40	(4C+E)& 63+63+63+40+32
Pipe Connections (Gas - Liquid)	inch	2 1/8 - 7/8	2 1/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40
Refrigerant additional charge R410A	kg	9 + 9 + 9 + 9 + 6	9 + 9 + 9 + 9 + 6

* Figures given are for OD below/above indoor unit



SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP10611HT8P-E	UP10811HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 3		MUP2401HT8P-E	MUP2401HT8P-E
Unit 4		MUP2001HT8P-E	MUP2401HT8P-E
Unit 5		MUP1401HT8P-E	MUP1201HT8P-E
System Retail Price		€87,367	€88,079
Rated Cooling capacity	kW	297.0	301.5
Rated Heating capacity	kW	297.0	301.5
Maximum Number Of Indoor Units	Qty	116	118
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.04-4.29 - 278.6-168.6	6.93-4.24 - 274.2-166.6
Dimensions (HxWxD)	mm	1690 x 6230 x 780	1690 x 6230 x 780
Weight	kg	356 + 356 + 356 + 334 + 228	356 + 356 + 356 + 356 + 228
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E)& 63+63+63+40+40	(4C+E)& 63+63+63+63+32
Pipe Connections (Gas - Liquid)	inch	2 1/8 - 7/8	2 1/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40
Refrigerant - additional charge R410A	kg	9 + 9 + 9 + 9 + 6	9 + 9 + 9 + 9 + 6

* Figures given are for OD below/above indoor unit

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SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP11011HT8P-E	UP11211HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 3		MUP2401HT8P-E	MUP2401HT8P-E
Unit 4		MUP2401HT8P-E	MUP2001HT8P-E
Unit 5		MUP1401HT8P-E	MUP2001HT8P-E
System Retail Price		€90,236	€90,782
Rated Cooling capacity	kW	308.0	313.0
Rated Heating capacity	kW	308.0	313.0
Maximum Number Of Indoor Units	Qty	120	122
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.90-4.23 - 273.0-166.2	7.13-4.28 - 282.2-168.2
Dimensions (HxWxD)	mm	1690 x 6230 x 780	1690 x 6530 x 780
Weight	kg	356 + 356 + 356 + 356 + 228	356 + 356 + 356 + 334 + 334
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E)& 63+63+63+63+40	(4C+E)& 63+63+63+40+40
Pipe Connections (Gas - Liquid)	inch	2 1/8 - 7/8	2 1/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40
Refrigerant additional charge R410A	kg	9 + 9 + 9 + 9 + 6	9 + 9 + 9 + 9 + 9

* Figures given are for OD below/above indoor unit



SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP11411HT8P-E	UP11611HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 3		MUP2401HT8P-E	MUP2401HT8P-E
Unit 4		MUP2201HT8P-E	MUP2401HT8P-E
Unit 5		MUP2001HT8P-E	MUP2001HT8P-E
System Retail Price		€91,917	€93,651
Rated Cooling capacity	kW	318.5	324.0
Rated Heating capacity	kW	318.5	324.0
Maximum Number Of Indoor Units	Qty	124	126
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.07-4.28 - 279.8-168.2	7.00-4.22 - 277.0-165.8
Dimensions (HxWxD)	mm	1690 x 6530 x 780	1690 x 6530 x 780
Weight	kg	356 + 356 + 356 + 356 + 334	356 + 356 + 356 + 356 + 334
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E)& 63+63+63+50+40	(4C+E)& 63+63+63+63+40
Pipe Connections (Gas - Liquid)	inch	2 1/8 - 7/8	2 1/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40
Refrigerant additional charge R410A	kg	9 + 9 + 9 + 9 + 9	9 + 9 + 9 + 9 + 9

* Figures given are for OD below/above indoor unit

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SMMSu - VRF 2-Pipe Heat Pump Outdoor Unit - Combinations (Continued)

Outdoor Reference	MMY-	UP11811HT8P-E	UP12011HT8P-E
Unit 1	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 2	MMY-	MUP2401HT8P-E	MUP2401HT8P-E
Unit 3		MUP2401HT8P-E	MUP2401HT8P-E
Unit 4		MUP2401HT8P-E	MUP2401HT8P-E
Unit 5		MUP2201HT8P-E	MUP2401HT8P-E
System Retail Price		€94,786	€96,520
Rated Cooling capacity	kW	329.5	335.0
Rated Heating capacity	kW	329.5	335.0
Maximum Number Of Indoor Units	Qty	128	128
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.93-4.23 - 274.2-166.2	6.87-4.17 - 271.8-163.8
Dimensions (HxWxD)	mm	1690 x 6530 x 780	1690 x 6530 x 780
Weight	kg	356 + 356 + 356 + 356 + 356	356 + 356 + 356 + 356 + 356
Suggested Power - OD	V-ph-Hz & A	380-415/3/50	380-415/3/50
Power Cable & Suggested fuse Size - OD		(4C+E)& 63+63+63+63+50	(4C+E)& 63+63+63+63+63
Pipe Connections (Gas - Liquid)	inch	2 1/8 - 7/8	2 1/8 - 7/8
Max pipe length - Max height separation*	m	1200 - 70 /40	1200 - 70 /40
Refrigerant - additional charge R410A	kg	9 + 9 + 9 + 9 + 9	9 + 9 + 9 + 9 + 9

* Figures given are for OD below/above indoor unit



SHRMe - VRF 3-Pipe Heat Recovery

Outdoor unit	MMY-	MAP0806FT8P-UK	MAP1006FT8P-UK	MAP1206FT8P-UK
System Retail Price		€9,277	€10,066	€13,257
Rated Cooling capacity	kW	22.4	28.0	33.5
Rated Heating capacity	kW	22.4	28.0	33.5
Maximum Number Of Indoor Units	Qty	18	22	27
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.07-3.64 - 239.8-142.6	6.03-3.53 - 238.2-137.0	5.94-3.71 - 234.6-143.9
Sound pressure level - C	dB(A)	61	61	62
Dimensions (HxWxD)	mm	1830 x 990 x 780	1830 x 990 x 780	1830 x 1210 x 780
Weight	kg	263	263	316
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 20	380-415/3/50 & 25	380-415/3/50 & 25
Power Cable - OD		(4C+E)	(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	7/8 - 3/4 - 1/2	7/8 - 3/4 - 1/2	1 1/8 - 3/4 - 1/2
Max pipe length - Max height separation*	m	1000 - 30/70	1000 - 30/70	1000 - 30/70
Refrigerant additional charge R410A	kg	11	11	11

* Figures given are for OD below/above indoor unit

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SHRME - VRF 3-Pipe Heat Recovery (Continued)

Outdoor unit	MMY-	MAP1406FT8P-UK	MAP1606FT8P-UK
System Retail Price		€13,906	€15,266
Rated Cooling capacity	kW	40.0	45.0
Rated Heating capacity	kW	40.0	45.0
Maximum Number Of Indoor Units	Qty	31	36
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.61-3.57 - 221.4-138.5	5.72-3.50 - 225.8-135.8
Sound pressure level - C	dB(A)	64	62
Dimensions (HxWxD)	mm	1830 x 1210 x 780	1830 x 1600 x 780
Weight	kg	316	377
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 32	380-415/3/50 & 40
Power Cable - OD		(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1 1/8 - 7/8 - 5/8	1 1/8 - 7/8 - 3/4
Max pipe length - Max height separation*	m	1000 - 30/70	1000 - 30/70
Refrigerant additional charge R410A	kg	11	11

* Figures given are for OD below/above indoor unit



SHRMe - VRF 3-Pipe Heat Recovery (Continued)

Outdoor unit	MMY-	MAP1806FT8P-UK	MAP2006FT8P-UK
System Retail Price		€16,315	€17,436
Rated Cooling capacity	kW	50.4	56.0
Rated Heating capacity	kW	50.4	56.0
Maximum Number Of Indoor Units	Qty	40	41
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.89-3.59 - 232.6-139.3	5.64-3.59 - 222.6-139.3
Sound pressure level - C	dB(A)	62	62
Dimensions (HxWxD)	mm	1830 x 1600 x 780	1830 x 1600 x 780
Weight	kg	377	377
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 40	380-415/3/50 & 50
Power Cable - OD		(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1 1/8 - 7/8 - 3/4	1 1/8 - 7/8 - 3/4
Max pipe length - Max height separation*	m	1000 - 30/70	1000 - 30/70
Refrigerant additional charge R410A	kg	11	11

* Figures given are for OD below/above indoor unit

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SHRMe - VRF 3-Pipe Heat Recovery - Combinations

Outdoor Reference	MMY-	AP2216FT8P-UK	AP2416FT8P-UK	AP2616FT8P-UK
Unit 1	MMY-	MAP1206FT8P-UK	MAP1406FT8P-UK	MAP1406FT8P-UK
Unit 2	MMY-	MAP1006FT8P-UK	MAP1006FT8P-UK	MAP1206FT8P-UK
System Retail Price		€23,323	€23,972	€27,163
Rated Cooling capacity	kW	61.5	68.0	73.5
Rated Heating capacity	kW	61.5	68.0	73.5
Maximum Number Of Indoor Units	Qty	49	54	58
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.07-3.64 - 239.8-142.6	5.88-3.56 - 232.2-139.4	5.84-3.64 - 230.6-142.6
Sound pressure level - C	dB(A)	65	66	66.5
Dimensions (HxWxD)	mm	1830 x 2220 x 780	1830 x 2220 x 780	1830 x 2440 x 780
Weight	kg	316 + 263	316 + 263	316 + 316
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 25+25	380-415/3/50 & 32+25	380-415/3/50 & 32+25
Power Cable - OD		(4C+E)	(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1-3/8 - 1-1/8 - 3/4	1-3/8 - 1-1/8 - 3/4	1-3/8 - 1-1/8 - 7/8
Max pipe length - Max height separation*	m	300 - 70/30	300 - 70/30	300 - 70/30
Refrigerant additional charge R410A	kg	11 + 11	11 + 11	11 + 11

* Figures given are for OD below/above indoor unit



SHRMe - VRF 3-Pipe Heat Recovery - Combinations (Continued)

Outdoor Reference	MMY-	AP2816FT8P-UK	AP3016FT8P-UK	AP3216FT8P-UK
Unit 1	MMY-	MAP1406FT8P-UK	MAP1606FT8P-UK	MAP1806FT8P-UK
Unit 2	MMY-	MAP1406FT8P-UK	MAP1406FT8P-UK	MAP1406FT8P-UK
System Retail Price		€27,812	€29,172	€30,221
Rated Cooling capacity	kW	80.0	85.0	90.4
Rated Heating capacity	kW	80.0	85.0	90.4
Maximum Number Of Indoor Units	Qty	63	64	64
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.67-3.57 - 223.8-139.8	5.72-3.54 - 225.8-138.6	5.82-3.59 - 229.8-140.6
Sound pressure level - C	dB(A)	67.5	66.5	66.5
Dimensions (HxWxD)	mm	1830 x 2440 x 780	1830 x 2830 x 780	1830 x 2830 x 780
Weight	kg	316 + 316	377 + 316	377 + 316
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 32+32	380-415/3/50 & 40+32	380-415/3/50 & 40+32
Power Cable - OD		(4C+E)	(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1-3/8 - 1-1/8 - 7/8	1-3/8 - 1-1/8 - 7/8	1-3/8 - 1-1/8 - 7/8
Max pipe length - Max height separation*	m	300 - 70/30	300 - 70/30	300 - 70/30
Refrigerant - additional charge R410A	kg	11 + 11	11 + 11	11 + 11

* Figures given are for OD below/above indoor unit

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SHRMe - VRF 3-Pipe Heat Recovery - Combinations (Continued)

Outdoor Reference	MMY-	AP3416FT8P-UK	AP3616FT8P-UK	AP3816FT8P-UK
Unit 1	MMY-	MAP1806FT8P-UK	MAP1806FT8P-UK	MAP2006FT8P-UK
Unit 2	MMY-	MAP1606FT8P-UK	MAP1806FT8P-UK	MAP1806FT8P-UK
System Retail Price		€31,581	€32,630	€33,751
Rated Cooling capacity	kW	95.4	100.8	106.4
Rated Heating capacity	kW	95.4	100.8	106.4
Maximum Number Of Indoor Units	Qty	64	64	64
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.86-3.55 - 231.4-139.0	5.94-3.59 - 234.6-140.6	5.81-3.60 - 229.4-141.0
Sound pressure level - C	dB(A)	65.5	65.5	65.5
Dimensions (HxWxD)	mm	1830 x 3220 x 780	1830 x 3220 x 780	1830 x 3220 x 780
Weight	kg	377 + 377	377 + 377	377 + 377
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 40+40	380-415/3/50 & 40+40	380-415/3/50 & 50+40
Power Cable - OD		(4C+E)	(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1-3/8 - 1-1/8 - 7/8	1-5/8 - 1-3/8 - 7/8	1-5/8 - 1-3/8 - 7/8
Max pipe length - Max height separation*	m	300 - 70/30	1000 - 70/30	1000 - 70/30
Refrigerant additional charge R410A	kg	11 + 11	11 + 11	11 + 11

* Figures given are for OD below/above indoor unit



SHRMe - VRF 3-Pipe Heat Recovery - Combinations (Continued)

Outdoor Reference	MMY-	AP4016FT8P-UK	AP4216FT8P-UK
Unit 1	MMY-	MAP2006FT8P-UK	MAP1406FT8P-UK
Unit 2	MMY-	MAP2006FT8P-UK	MAP1406FT8P-UK
Unit 3			MAP1406FT8P-UK
System Retail Price		€34,872	€41,718
Rated Cooling capacity	kW	112.0	120.0
Rated Heating capacity	kW	112.0	120.0
Maximum Number Of Indoor Units	Qty	64	64
SEER - SCOP - Energy Label (or nsc %)	kW/kW	5.68-3.60 - 224.2-141.0	5.67-3.57 - 223.8-139.8
Sound pressure level - C	dB(A)	65.5	69
Dimensions (HxWxD)	mm	1830 x 3220 x 780	1830 x 3670 x 780
Weight	kg	377 + 377	316 + 316 + 316
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 50+50	380-415/3/50 & 32+32+32
Power Cable - OD		(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1-5/8 - 1-3/8 - 7/8	1-5/8 - 1-3/8 - 7/8
Max pipe length - Max height separation*	m	1000 - 70/30	1000 - 70/30
Refrigerant additional charge R410A	kg	11 + 11	11 + 11 + 11

* Figures given are for OD below/above indoor unit

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SHRMe - VRF 3-Pipe Heat Recovery - High Efficiency

Outdoor Reference	MMY-	AP1626FT8P-UK	AP1826FT8P-UK	AP2026FT8P-UK
Unit 1	MMY-	MAP0806FT8P-UK	MAP0806FT8P-UK	MAP1006FT8P-UK
Unit 2	MMY-	MAP0806FT8P-UK	MAP1006FT8P-UK	MAP1006FT8P-UK
System Retail Price		€18,554	€19,343	€20,132
Rated Cooling capacity	kW	44.8	50.4	56.0
Rated Heating capacity	kW	44.8	50.4	56.0
Maximum Number Of Indoor Units	Qty	36	40	41
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.19-3.64 - 244.6-142.6	6.16-3.59 - 243.0-140.4	6.13-3.54 - 242.2-138.6
Sound pressure level - C	dB(A)	64	64	64
Dimensions (HxWxD)	mm	1830 x 2000 x 780	1830 x 2000 x 780	1830 x 2000 x 780
Weight	kg	263 + 263	263 + 263	263 + 263
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 20+20	380-415/3/50 & 20+25	380-415/3/50 & 25+25
Power Cable - OD		(4C+E)	(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1-1/8 - 7/8 - 3/4	1-1/8 - 7/8 - 3/4	1-1/8 - 7/8 - 3/4
Max pipe length - Max height separation*	m	300 - 70/30	300 - 70/30	300 - 70/30
Refrigerant - additional charge R410A	kg	11.0 + 11.0	11.0 + 11.0	11.0 + 11.0

* Figures given are for OD below/above indoor unit



SHRMe - VRF 3-Pipe Heat Recovery - High Efficiency (Continued)

Outdoor Reference	MMY-	AP2426FT8P-UK	AP2626FT8P-UK
Unit 1	MMY-	MAP0806FT8P-UK	MAP0806FT8P-UK
Unit 2	MMY-	MAP0806FT8P-UK	MAP0806FT8P-UK
Unit 3		MAP0806FT8P-UK	MAP1006FT8P-UK
System Retail Price		€27,831	€28,620
Rated Cooling capacity	kW	67.2	72.8
Rated Heating capacity	kW	67.2	72.8
Maximum Number Of Indoor Units	Qty	54	58
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.19-3.64 - 244.6-142.6	6.17-3.61 - 243.4-141.0
Sound pressure level - C	dB(A)	64	64
Dimensions (HxWxD)	mm	1830 x 3010 x 780	1830 x 3010 x 780
Weight	kg	263 + 263 + 263	263 + 263 + 263
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 20+20+20	380-415/3/50 & 20+20+25
Power Cable - OD		(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1-3/8 - 1-1/8 - 3/4	1-3/8 - 1-1/8 - 7/8
Max pipe length - Max height separation*	m	300 - 70/30	300 - 70/30
Refrigerant - additional charge R410A	kg	11.0 + 11.0 + 11.0	11.0 + 11.0 + 11.0

* Figures given are for OD below/above indoor unit

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SHRMe - VRF 3-Pipe Heat Recovery - High Efficiency (Continued)

Outdoor Reference	MMY-	AP2826FT8P-UK	AP3026FT8P-UK
Unit 1	MMY-	MAP0806FT8P-UK	MAP1006FT8P-UK
Unit 2	MMY-	MAP1006FT8P-UK	MAP1006FT8P-UK
Unit 3		MAP1006FT8P-UK	MAP1006FT8P-UK
System Retail Price		€29,409	€30,198
Rated Cooling capacity	kW	78.4	84.0
Rated Heating capacity	kW	78.4	84.0
Maximum Number Of Indoor Units	Qty	63	64
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.15-3.57 - 242.8-139.6	6.13-3.54 - 242.2-138.6
Sound pressure level - C	dB(A)	64	64
Dimensions (HxWxD)	mm	1830 x 3010 x 780	1830 x 3010 x 780
Weight	kg	263 + 263 + 263	263 + 263 + 263
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 20+25+25	380-415/3/50 & 25+25+25
Power Cable - OD		(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1-3/8 - 1-1/8 - 7/8	1-3/8 - 1-1/8 - 7/8
Max pipe length - Max height separation*	m	300 - 70/30	300 - 70/30
Refrigerant - additional charge R410A	kg	11.0 + 11.0 + 11.0	11 + 11 + 11

* Figures given are for OD below/above indoor unit



SHRMe - VRF 3-Pipe Heat Recovery - High Efficiency (Continued)

Outdoor Reference	MMY-	AP3626FT8P-UK	AP4226FT8P-UK
Unit 1	MMY-	MAP1206FT8P-UK	MAP1606FT8P-UK
Unit 2	MMY-	MAP1206FT8P-UK	MAP1606FT8P-UK
Unit 3		MAP1206FT8P-UK	MAP1006FT8P-UK
System Retail Price		€39,771	€40,598
Rated Cooling capacity	kW	100.5	118.0
Rated Heating capacity	kW	100.5	118.0
Maximum Number Of Indoor Units	Qty	64	64
SEER - SCOP - Energy Label (or nsc %)	kW/kW	6.02-3.71 - 237.8-145.4	5.90-3.52 - 232.4-137.6
Sound pressure level - C	dB(A)	65	64.5
Dimensions (HxWxD)	mm	1830 x 3670 x 780	1830 x 4230 x 780
Weight	kg	316 + 316 + 316	377 + 377 + 263
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 25+25+25	380-415/3/50 & 40+40+25
Power Cable - OD		(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1-5/8 - 1-3/8 - 7/8	1-5/8 - 1-3/8 - 7/8
Max pipe length - Max height separation*	m	1000 - 70/30	1000 - 70/30
Refrigerant - additional charge R410A	kg	11 + 11 + 11	11 + 11 + 11

* Figures given are for OD below/above indoor unit

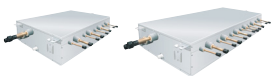
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Flow Selector Boxes

Flow Selector Unit	RBM-	Y1123FE	Y1803FE	Y2803FE
Flow Selector Unit Retail Price		€882	€979	€1,534
Height x Width x Depth	mm	190 x 490 x 160	190 x 490 x 160	200 x 640 x 200
Weight	kg	5	5	8
Standard 5 Core Control Cable Max. Length	m	6	6	6
Standard 3 Core Power Cable Max. Length	m	6	6	6
Optional Accessory Combined Control/Power Cable Max. Length	m	15	15	15
Power Supply From Local or Group Indoor Unit	V-ph-Hz	220-240/1/50	220-240/1/50	220-240/1/50

Flow Selector Unit	RBM-	Y1124FE	Y1804FE	Y2804FE
Flow Selector Unit Retail Price		£1,152	£1,278	£2,002
Height x Width x Depth	mm	180 x 425 x 300	180 x 425 x 300	180 x 495 x 350
Weight	kg	11	11	16
Standard 5 Core Control Cable Max. Length	m	-	-	-
Standard 3 Core Power Cable Max. Length	m	-	-	-
Optional Accessory Combined Control/Power Cable Max. Length	m	-	-	-
Power Supply From Local or Group Indoor Unit	V-ph-Hz	220-240/1/50	220-240/1/50	220-240/1/50



Flow Selector Boxes (Continued)

Multi Flow Selector Unit	RBM-	Y1801F4PE	Y1801F6PE
Flow Selector Unit Retail Price		€3,325	€4,988
Height x Width x Depth	mm	215 x 1157 x 687	215 x 1477 x 687
Weight	kg	38	53
Number of Ports		4	6
Max. Connectible Indoor Units per Port		10	10
Max. Connectible Indoor Units			
Max. Remote Controller per Port Individual Indoor Unit Control		10	10
Max. Remote Controller per Port Group Indoor Unit Control		2	2
Max. Pipe Length from Single Port	m	50	50
Max. Total Pipe Length from All Ports	m	120	180
Max. Height Difference Between Indoor Units	m	±3.0	±3.0
Suggested Power Supply	V-ph-Hz-A	220/240-1-50- 5	220/240-1-50- 5

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SHRMu - VRF 3-Pipe Heat Recovery

Outdoor unit	MMY-	MUP0801FT8P-E	MUP1001FT8P-E	MUP1201FT8P-E
Outdoor Unit Retail Price		€9,911	€10,777	€13,819
Rated Cooling capacity	kW	22.4	28.0	33.5
Rated Heating capacity	kW	22.4	28.0	33.5
Maximum Number Of Indoor Units	Qty	18	22	27
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.83-4.44 - 310.2-174.6	7.82-4.67 - 309.8-183.8	7.41-4.62 - 293.4-181.8
Sound pressure level - C/H	dB(A)	53/56	55/58	59/62
Dimensions (HxWxD)	mm	1690 x 990 x 780	1690 x 990 x 780	1690 x 990 x 780
Weight	kg	250	250	250
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 20	380-415/3/50 & 25	380-415/3/50 & 32
Power Cable - OD		(4C+E)	(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	3/4 - 5/8 - 1/2	7/8 - 3/4 - 1/2	1 1/8 - 3/4 - 1/2
Max pipe length - Max height separation*	m	500 - 40/90	500 - 40/90	500 - 40/90
Refrigerant - additional charge R410A	kg	6.0	6.0	6.0

* Figures given are for OD below/above indoor unit



SHRMu - VRF 3-Pipe Heat Recovery (Continued)

Outdoor unit	MMY-	MUP1401FT8P-E	MUP1601FT8P-E	MUP1801FT8P-E
Outdoor Unit Retail Price		€14,508	€15,980	€17,093
Rated Cooling capacity	kW	40.0	45.0	50.4
Rated Heating capacity	kW	40.0	45.0	50.4
Maximum Number Of Indoor Units	Qty	31	36	40
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.11-4.3 - 281.4-169.0	8.02-4.65 - 317.8-183.0	7.91-4.49 - 313.4-176.6
Sound pressure level - C/H	dB(A)	60/64	61/63	62/67
Dimensions (HxWxD)	mm	1690 x 990 x 780	1690 x 1290 x 780	1690 x 1290 x 780
Weight	kg	250	352	352
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 40	380-415/3/50 & 40	380-415/3/50 & 40
Power Cable - OD		(4C+E)	(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1 1/8 - 3/4 - 5/8	1 1/8 - 7/8 - 5/8	1 1/8 - 7/8 - 5/8
Max pipe length - Max height separation*	m	500 - 40/90	500 - 40/90	500 - 40/90
Refrigerant - additional charge R410A	kg	6.0	9.0	9.0

* Figures given are for OD below/above indoor unit

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SHRMu - VRF 3-Pipe Heat Recovery (Continued)

Outdoor unit	MMY-	MUP2001FT8P-E	MUP2201FT8P-E	MUP2401FT8P-E
Outdoor Unit Retail Price		€18,284	€20,941	€22,500
Rated Cooling capacity	kW	56.0	61.5	64.5
Rated Heating capacity	kW	56.0	61.5	64.5
Maximum Number Of Indoor Units	Qty	45	49	54
SEER - SCOP - Energy Label (or nsc %)	kW/kW	7.77-4.29 - 307.8-168.6	7.3-4.26 - 277.4-167.4	6.66-4.04 - 263.4-158.6
Sound pressure level - C/H	dB(A)	63/67	63/67	63/67
Dimensions (HxWxD)	mm	1690 x 1290 x 780	1690 x 1290 x 780	1690 x 1290 x 780
Weight	kg	352	376	376
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 40	380-415/3/50 & 50	380-415/3/50 & 63
Power Cable - OD		(4C+E)	(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1 1/8 - 7/8 - 5/8	1 1/8 - 7/8 - 3/4	1 1/8 - 7/8 - 3/4
Max pipe length - Max height separation*	m	500 - 40/90	500 - 40/90	500 - 40/90
Refrigerant - additional charge R410A	kg	9.0	9	9

* Figures given are for OD below/above indoor unit



SHRMu - VRF 3-Pipe Heat Recovery - Combinations

Outdoor Reference	MMY-	UP2611FT8P-E	UP2811FT8P-E
Unit 1	MMY-	MUP1401FT8P-E	MUP1401FT8P-E
Unit 2	MMY-	MUP1201FT8P-E	MUP1401FT8P-E
System Retail Price		€28,327	€29,016
Rated Cooling capacity	kW	73.5	80.0
Rated Heating capacity	kW	73.5	80.0
Maximum Number Of Indoor Units	Qty	58	63
EER/SEER - COP/SCOP	kW/kW	3.02/7.19 - 3.90/4.45	2.82/7.11 - 3.61/4.30
Sound pressure level - C/H	dB(A)	63/66	63/67
Dimensions (HxWxD)	mm	1690 x 1980 x 780	1690 x 1980 x 780
Weight	kg	250 x2	250 x2
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 40 + 32	380-415/3/50 & 40 + 40
Power Cable - OD		(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1 1/8 - 3/4 - 5/8-1/2	1 1/8 - 3/4 - 5/8
Max pipe length - Max height separation*	m	500 - 40/90	500 - 40/90
Refrigerant additional charge R410A	kg	12.0	12.0

* Figures given are for OD below/above indoor unit

TOSHIBA



SHRMu - VRF 3-Pipe Heat Recovery - Combinations (Continued)

Outdoor Reference	MMY-	UP3011FT8P-E	UP3211FT8P-E
Unit 1	MMY-	MUP2001FT8P-E	MUP2001FT8P-E
Unit 2	MMY-	MUP1001FT8P-E	MUP1201FT8P-E
System Retail Price		€29,061	€32,103
Rated Cooling capacity	kW	84.0	89.5
Rated Heating capacity	kW	84.0	89.5
Maximum Number Of Indoor Units	Qty	64	65
EER/SEER - COP/SCOP	kW/kW	3.30/7.65 - 3.87/4.50	3.22/7.56 - 3.99/4.49
Sound pressure level - C/H	dB(A)	64/68	65/68
Dimensions (HxWxD)	mm	1690 x 2280 x 780	1690 x 2280 x 780
Weight	kg	352 + 250	352 + 250
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 40 + 25	380-415/3/50 & 40 + 32
Power Cable - OD		(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1 1/8-7/8 - 7/8-3/4 - 5/8-1/2	1 1/8-7/8 - 7/8-3/4 - 5/8-1/2
Max pipe length - Max height separation*	m	500 - 40/90	500 - 40/90
Refrigerant additional charge R410A	kg	15.0	15.0

* Figures given are for OD below/above indoor unit



SHRMu - VRF 3-Pipe Heat Recovery - Combinations (Continued)

Outdoor Reference	MMY-	UP3411FT8P-E	UP3611FT8P-E
Unit 1	MMY-	MUP2001FT8P-E	MUP2001FT8P-E
Unit 2	MMY-	MUP1401FT8P-E	MUP1601FT8P-E
System Retail Price		€32,792	€34,264
Rated Cooling capacity	kW	96.0	101.0
Rated Heating capacity	kW	96.0	101.0
Maximum Number Of Indoor Units	Qty	66	67
EER/SEER - COP/SCOP	kW/kW	3.01/7.40 - 3.73/4.36	3.23/7.86 - 3.80/4.51
Sound pressure level - C/H	dB(A)	65/67	65/69
Dimensions (HxWxD)	mm	1690 x 2280 x 780	1690 x 2560 x 780
Weight	kg	352 + 250	352 x 2
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 40 + 40	380-415/3/50 & 40 + 40
Power Cable - OD		(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1 1/8-7/8 - 7/8-3/4 - 5/8-1/2	1 1/8 - 7/8 - 5/8
Max pipe length - Max height separation*	m	500 - 40/90	500 - 40/90
Refrigerant additional charge R410A	kg	15.0	18.0

* Figures given are for OD below/above indoor unit

TOSHIBA



SHRMu - VRF 3-Pipe Heat Recovery - Combinations (Continued)

Outdoor Reference	MMY-	UP3811FT8P-E	UP4011FT8P-E
Unit 1	MMY-	MUP2001FT8P-E	MUP2001FT8P-E
Unit 2	MMY-	MUP1801FT8P-E	MUP2001FT8P-E
System Retail Price		€35,377	€36,568
Rated Cooling capacity	kW	106.4	112.0
Rated Heating capacity	kW	106.4	112.0
Maximum Number Of Indoor Units	Qty	68	69
EER/SEER - COP/SCOP	kW/kW	3.21/7.83 - 3.91/4.45	3.16/7.77 - 3.83/4.29
Sound pressure level - C/H	dB(A)	66/70	66/70
Dimensions (HxWxD)	mm	1690 x 2560 x 780	1690 x 2560 x 780
Weight	kg	352 x 2	352 x 2
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 40 + 40	380-415/3/50 & 40 + 40
Power Cable - OD		(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1 1/8 - 7/8 - 5/8	1 1/8 - 7/8 - 5/8
Max pipe length - Max height separation*	m	500 - 40/90	500 - 40/90
Refrigerant additional charge R410A	kg	18.0	18.0

* Figures given are for OD below/above indoor unit



SHRMu - VRF 3-Pipe Heat Recovery - Combinations (Continued)

Outdoor Reference	MMY-	UP4211FT8P-E	UP4411FT8P-E
Unit 1	MMY-	MUP1401FT8P-E	MUP2001FT8P-E
Unit 2	MMY-	MUP1401FT8P-E	MUP1401FT8P-E
Unit 3	MMY-	MUP1401FT8P-E	MUP1001FT8P-E
System Retail Price		€43,524	€43,569
Rated Cooling capacity	kW	120.0	124.0
Rated Heating capacity	kW	120.0	124.0
Maximum Number Of Indoor Units	Qty	70	71
EER/SEER - COP/SCOP	kW/kW	2.82/7.11 - 3.61/4.30	3.13/7.48 - 3.78/4.43
Sound pressure level - C/H	dB(A)	65/69	65/69
Dimensions (HxWxD)	mm	1690 x 2970 x 780	1690 x 3270 x 780
Weight	kg	250 x 3	352 + 250 x2
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 40 x3	380-415/3/50 & 40 x2 + 25
Power Cable - OD		(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1 1/8 - 3/4 - 5/8	1 1/8-7/8 - 7/8-3/4 - 5/8-1/2
Max pipe length - Max height separation*	m	500 - 40/90	500 - 40/90
Refrigerant additional charge R410A	kg	18.0	21.0

* Figures given are for OD below/above indoor unit

TOSHIBA



SHRMu - VRF 3-Pipe Heat Recovery - Combinations (Continued)

Outdoor Reference	MMY-	UP4611FT8P-E	UP4811FT8P-E
Unit 1	MMY-	MUP2001FT8P-E	MUP2001FT8P-E
Unit 2	MMY-	MUP1401FT8P-E	MUP1401FT8P-E
Unit 3	MMY-	MUP1201FT8P-E	MUP1401FT8P-E
System Retail Price		€46,611	€47,300
Rated Cooling capacity	kW	129.5	136.0
Rated Heating capacity	kW	129.5	136.0
Maximum Number Of Indoor Units	Qty	72	73
EER/SEER - COP/SCOP	kW/kW	3.08/7.47 - 3.87/4.43	2.95/7.35 - 3.18/4.33
Sound pressure level - C/H	dB(A)	66/70	66/70
Dimensions (HxWxD)	mm	1690 x 3270 x 780	1690 x 3270 x 780
Weight	kg	352 + 250 x2	352 + 250 x2
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 40 x 2 + 32	380-415/3/50 & 40 x 3
Power Cable - OD		(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1 1/8 - 7/8-3/4 - 5/8-1/2	1 1/8 - 7/8-3/4 - 5/8-1/2
Max pipe length - Max height separation*	m	500 - 40/90	500 - 40/90
Refrigerant additional charge R410A	kg	21.0	21.0

* Figures given are for OD below/above indoor unit



SHRMu - VRF 3-Pipe Heat Recovery - Combinations (Continued)

Outdoor Reference	MMY-	UP5011FT8P-E	UP5211FT8P-E
Unit 1	MMY-	MUP2001FT8P-E	MUP2001FT8P-E
Unit 2	MMY-	MUP2001FT8P-E	MUP2001FT8P-E
Unit 3	MMY-	MUP1001FT8P-E	MUP1201FT8P-E
System Retail Price		€47,345	€50,387
Rated Cooling capacity	kW	140.0	145.5
Rated Heating capacity	kW	140.0	145.5
Maximum Number Of Indoor Units	Qty	74	75
EER/SEER - COP/SCOP	kW/kW	3.24/7.74 - 3.85/4.46	3.20/7.66 - 3.93/4.46
Sound pressure level - C/H	dB(A)	67/71	67/71
Dimensions (HxWxD)	mm	1690 x 3570 x 780	1690 x 3570 x 780
Weight	kg	352 x 2 + 250	352 x 2 + 250
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 40 x 2 + 25	380-415/3/50 & 40 x 2 + 32
Power Cable - OD		(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1 1/8-7/8 - 7/8-3/4 - 5/8-1/2	1 1/8 - 7/8-3/4 - 5/8-1/2
Max pipe length - Max height separation*	m	500 - 40/90	500 - 40/90
Refrigerant additional charge R410A	kg	24.0	24.0

* Figures given are for OD below/above indoor unit

TOSHIBA



SHRMu - VRF 3-Pipe Heat Recovery - Combinations (Continued)

Outdoor Reference	MMY-	UP5411FT8P-E	UP5611FT8P-E
Unit 1	MMY-	MUP2001FT8P-E	MUP2001FT8P-E
Unit 2	MMY-	MUP2001FT8P-E	MUP2001FT8P-E
Unit 3	MMY-	MUP1401FT8P-E	MUP1601FT8P-E
System Retail Price		€51,076	€52,548
Rated Cooling capacity	kW	152.0	157.0
Rated Heating capacity	kW	152.0	157.0
Maximum Number Of Indoor Units	Qty	76	77
EER/SEER - COP/SCOP	kW/kW	3.06/7.56 - 3.77/4.37	3.21/7.83 - 3.48/4.47
Sound pressure level - C/H	dB(A)	67/71	67/71
Dimensions (HxWxD)	mm	1690 x 3570 x 780	1690 x 3870 x 780
Weight	kg	352 x 2 + 250	352 x 3
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 40 x 3	380-415/3/50 & 40 x 3
Power Cable - OD		(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1 1/8 - 7/8-3/4 - 5/8	1 1/8 - 7/8 - 5/8
Max pipe length - Max height separation*	m	500 - 40/90	500 - 40/90
Refrigerant additional charge R410A	kg	24.0	27.0

* Figures given are for OD below/above indoor unit

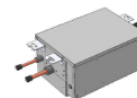


SHRMu - VRF 3-Pipe Heat Recovery - Combinations (Continued)

Outdoor Reference	MMY-	UP5811FT8P-E	UP6011FT8P-E
Unit 1	MMY-	MUP2001FT8P-E	MUP2001FT8P-E
Unit 2	MMY-	MUP2001FT8P-E	MUP2001FT8P-E
Unit 3	MMY-	MUP1801FT8P-E	MUP2001FT8P-E
System Retail Price		€53,661	€54,852
Rated Cooling capacity	kW	162.4	168.0
Rated Heating capacity	kW	162.4	168.0
Maximum Number Of Indoor Units	Qty	78	79
EER/SEER - COP/SCOP	kW/kW	3.20/7.80 - 3.88/4.43	3.16/7.77 - 3.83/4.29
Sound pressure level - C/H	dB(A)	68/72	68/72
Dimensions (HxWxD)	mm	1690 x 3870 x 780	1690 x 3870 x 780
Weight	kg	352 x 3	352 x 3
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380-415/3/50 & 40 x 3	380-415/3/50 & 40 x 3
Power Cable - OD		(4C+E)	(4C+E)
Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1 1/8 - 7/8 - 5/8	1 1/8 - 7/8 - 5/8
Max pipe length - Max height separation*	m	500 - 40/90	500 - 40/90
Refrigerant additional charge R410A	kg	27.0	27.0

* Figures given are for OD below/above indoor unit

TOSHIBA



VRF Indoor Units - Flow Selector Boxes

Flow Selector Unit	RBM-	YP1121FUVPE	YP1801FUVPE	YP2801FUVPE
Flow Selector Unit Retail Price		€1,079	€1,198	€1,878
Height x Width x Depth	mm	206 x 385 x282	206 x 385 x282	206 x 385 x282
Weight	kg	10	10	10
Standard 2 Core Control Cable Max. Length	m	<300	<300	<300
Standard 3 Core Power Cable Max. Length	m	<50	<50	<50
Individual Power Supply	V-ph-Hz - A	220-240/1/50 - 6	220-240/1/50 - 6	220-240/1/50 - 6



Multi Flow Selector Unit	RBM-	YP1801FUW4PE	YP1801FUW8PE	YP1801FUW12PE
Flow Selector Unit Retail Price		€3,226	€4,754	€7,130
Height x Width x Depth	mm	293 x 338 x 468	293 x 578 x 468	293 x 818 x 468
Weight	kg	21	35	48
Number of Ports		4	8	12
Max. Connectable Indoor Units per Port		10	10	10
Max. Connectable Indoor Units		40	80	120
Max. Remote Controller per Port Individual Indoor Unit Control		10	10	10
Max. Remote Controller per Port Group Indoor Unit Control		2	2	2
Max. Pipe Length from Single Port	m	50	50	50
Max. Total Pipe Length from All Ports	m	120	180	180
Max. Height Difference Between Indoor Units	m	15	15	15
Suggested Power Supply	V-ph-Hz-A	220/240-1-50- 6	220/240-1-50- 6	220/240-1-50- 6

VRF

R32 Outdoor Units

VRF R32 Outdoor Units (Heat Pump & Heat Recovery)	Pages
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TOSHIBA



Mini SMMS - VRF 2-Pipe Heat Pump Outdoor Unit

Outdoor unit - SD	MCY-	MUG0401HSW-E	MUG0501HSW-E	MUG0601HSW-E
Outdoor Unit Retail Price		€5,526	€6,268	€6,751
Rated Cooling capacity	kW	12.1	14.0	15.5
Rated Heating capacity	kW	12.1	14.0	15.5
Maximum Number Of Indoor Units	Qty	8.0	10.0	13.0
SEER - SCOP - Energy Label (or nsc %)	kW/kW	9.98-5.21 - 396.2-205.4	9.21-4.93 - 365.4-194.2	8.80-4.80 - 349.0-189.0
Sound pressure level - C	dB(A)	54	55	56
Dimensions (HxWxD)	mm	1050 x 1010 x 370	1050 x 1010 x 370	1050 x 1010 x 370
Weight	kg	100	100	100
Suggested Power & Fuse rating - OD	V-ph-Hz & A	220/240-1-50 & 20	220/240-1-50 & 25	220/240-1-50 & 25
Power Cable - OD		(3C+E)	(3C+E)	(3C+E)
Pipe Connections (Gas - Liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Max pipe length - Max height separation*	m	100 - 20/30	100 - 20/30	100 - 20/30
Refrigerant charge R32	kg	2.4	2.4	2.4

* Figures given are for OD below/above indoor unit



R32 VRF - SHRM Advanced

Outdoor unit	MMY-	SUG0801MT8P-E	SUG1001MT8P-E	SUG1201MT8P-E
Outdoor Unit Retail Price		€9,634	€10,472	€13,864
Rated Cooling capacity	kW	22.4	28.0	33.5
Rated Heating capacity	kW	22.4	28.0	33.5
Maximum Number Of Indoor Units	Qty	18	22	27
SEER - SCOP - Energy Label (or nsc %)	kW/kW	8.90-4.44 - 353.0-174.6	8.69-4.67 - 344.6-183.8	8.23-4.62 - 326.2-181.8
Sound pressure level - C	dB(A)	56	58	62
Dimensions (HxWxD)	mm	1690 x 990 x 780	1690 x 990 x 780	1690 x 990 x 780
Weight	kg	232	232	232
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 20	380/415-3-50 & 32	380/415-3-50 & 32
Power Cable - OD		(4C+E)	(4C+E)	(4C+E)
2 Pipe Connections (Hot Gas - Liquid)	inch	5/8 - 1/2	3/4 - 1/2	3/4 - 1/2
3 Pipe Connections - (Suction - Hot Gas - Liquid)	inch	3/4 - 5/8 - 1/2	7/8 - 3/4 - 1/2	7/8 - 3/4 - 1/2
Max pipe length - Max height separation*	m	500 - 40/90	500 - 40/90	500 - 40/90
Refrigerant additional charge R32	kg	6.0	6.0	6.0

* Figures given are for OD below/above indoor unit

TOSHIBA

**R32 VRF - SHRM Advanced (Continued)**

Outdoor unit	MMY-	SUG1401MT8P-E	SUG1601MT8P-E	SUG1801MT8P-E
Outdoor Unit Retail Price		€14,553	€16,043	€17,157
Rated Cooling capacity	kW	40.0	45.0	50.4
Rated Heating capacity	kW	40.0	45.0	50.4
Maximum Number Of Indoor Units	Qty	31	36	40
SEER - SCOP - Energy Label (or nsc %)	kW/kW	8.08-4.30 - 320.2-169.0	8.64-4.65 - 342.6-183.0	8.32-4.49 - 329.8-176.6
Sound pressure level - C	dB(A)	63	64	67
Dimensions (HxWxD)	mm	1690 x 990 x 780	1690 x 1290 x 780	1690 x 1290 x 780
Weight	kg	232	329	329
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 40	380/415-3-50 & 40	380/415-3-50 & 50
Power Cable - OD		(4C+E)	(4C+E)	(4C+E)
2 Pipe Connections (Hot Gas - Liquid)	inch	3/4 - 1/2	7/8 - 5/8	7/8 - 5/8
3 Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1 1/8 - 3/4 - 1/2	1 1/8 - 7/8 - 5/8	1 1/8 - 7/8 - 5/8
Max pipe length - Max height separation*	m	500 - 40/90	500 - 40/90	500 - 40/90
Refrigerant additional charge R32	kg	6.0	9.0	9.0

* Figures given are for OD below/above indoor unit



R32 VRF - SHRM Advanced (Continued)

Outdoor unit	MMY-	SUG2001MT8P-E	SUG2201MT8P-E	SUG2401MT8P-E
Outdoor Unit Retail Price		€18,348	€19,624	€20,989
Rated Cooling capacity	kW	56.0	61.5	67.0
Rated Heating capacity	kW	56.0	61.5	67.0
Maximum Number Of Indoor Units	Qty	45	49	54
SEER - SCOP - Energy Label (or nsc %)	kW/kW	8.29-4.29 - 328.6-168.6	7.88-4.26 - 312.2-167.4	6.66-4.04 - 263.4-158.6
Sound pressure level - C	dB(A)	67	67	69
Dimensions (HxWxD)	mm	1690 x 1290 x 780	1690 x 1290 x 780	1690 x 1290 x 780
Weight	kg	361	361	361
Suggested Power & Fuse rating - OD	V-ph-Hz & A	380/415-3-50 & 50	380/415-3-50 & 63	380/415-3-50 & 80
Power Cable - OD		(4C+E)	(4C+E)	(4C+E)
2 Pipe Connections (Hot Gas - Liquid)	inch	7/8 - 5/8	7/8 - 5/8	7/8 - 5/8
3 Pipe Connections - (Suction - Hot Gas - Liquid)	inch	1 1/8 - 7/8 - 5/8	1 1/8 - 7/8 - 5/8	1 1/8 - 7/8 - 5/8
Max pipe length - Max height separation*	m	500 - 40/90	500 - 40/90	500 - 40/90
Refrigerant additional charge R32	kg	9.0	9.0	9.0

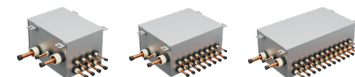
* Figures given are for OD below/above indoor unit

TOSHIBA



Flow Selector Boxes

Flow Selector Unit	RBM-	Y1121FUPE	Y1801FUPE	Y2801FUPE
Flow Selector Unit Retail Price		€1,278	€1,418	€2,222
Height x Width x Depth	mm	206 x 385 x 282	206 x 385 x 282	200 x 640 x 200
Weight	kg	11	11	11
Max. Connectible Indoor Units		6	10	16
Equivalent Capacity	hp	<4	4 - <6.4	6.4 <10
Max. Pipe Length from Single Port	m	50	50	50
Power Supply From Local or Group Indoor Unit	V-ph-Hz	220-240/1/50	220-240/1/50	220-240/1/50



Multi Flow Selector Unit	RBM-	Y1801FU4PE	Y1801FU8PE	Y1801FU12PE
Flow Selector Unit Retail Price		€3,325	€4,988	€7,481
Height x Width x Depth	mm	293 x 338 x 468	293 x 578 x 468	293 x 818 x 468
Weight	kg	22	36	50
Number of Ports		4	8	12
Max. Connectible Indoor Units per Port		10	10	10
Max. Connectible Indoor Units		40	80	120
Max. Pipe Length from Single Port	m	50	50	50
Max. Total Pipe Length from All Ports	m	120	180	180
Suggested Power Supply	V-ph-Hz- & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 10

VRF Indoor Units

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TOSHIBA



VRF Indoor Units - High wall

Indoor unit	MMK-	UP0031HP-E	UP0051HP-E	UP0071HP-E
Indoor Unit Retail Price		€776	€817	€829
Rated Cooling capacity	kW	0.9	1.7	2.2
Rated Heating capacity	kW	1.3	1.9	2.5
UK Cooling Total/Sensible	kW	0.9/0.7	1.5/1.4	2.0/1.6
UK Heating	kW	0.9	1.3	1.7
Sound pressure level (H/M/L)	dB(A)	33-29-25	33-29-25	35-30-25
Indoor Airflow (H-M-L)	l/s	126 - 103 - 75	126 - 103 - 75	133 - 107 - 75
Dimensions (HxWxD)	mm	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230
Weight	kg	11	11	11
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4



VRF Indoor Units - High wall (Continued)

Indoor unit	MMK-	UP0091HP-E	UP0121HP-E	UP0151HP-E
Indoor Unit Retail Price		€841	€857	€969
Rated Cooling capacity	kW	2.8	3.6	4.5
Rated Heating capacity	kW	3.2	4.0	5.0
UK Cooling Total/Sensible	kW	2.5/1.9	3.3/2.4	4.1/3.0
UK Heating	kW	2.2	2.7	3.4
Sound pressure level (H/M/L)	dB(A)	36-31-25	37-32-25	40-36-32
Indoor Airflow (H-M-L)	l/s	141 - 110 - 75	150 - 114 - 75	233 - 192 - 153
Dimensions (HxWxD)	mm	293 x 798 x 230	293 x 798 x 230	320 x 1050 x 250
Weight	kg	11	11	16
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4

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VRF Indoor Units - High wall (Continued)

Indoor unit	MMK-	UP0181HP-E	UP0241HP-E	UP0271HP-E
Indoor Unit Retail Price		€989	€1,090	€1,279
Rated Cooling capacity	kW	5.6	7.1	8.0
Rated Heating capacity	kW	6.3	8.0	9.0
UK Cooling Total/Sensible	kW	5.1/3.7	6.4/4.7	7.1/5.6
UK Heating	kW	4.3	5.4	6.1
Sound pressure level (H/M/L)	dB(A)	41-37-32	45-39-33	43-41-39
Indoor Airflow (H-M-L)	l/s	250 - 200 - 153	333 - 250 - 167	333 - 277 - 222
Dimensions (HxWxD)	mm	320 x 1050 x 250	320 x 1050 x 250	348 x 1200 x 280
Weight	kg	16	16	21
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8



VRF Indoor Units - High wall (Continued)

Indoor unit	MMK-	UP0301HP-E	UP0361HP-E
Indoor Unit Retail Price		€1,346	€1,418
Rated Cooling capacity	kW	9.0	11.2
Rated Heating capacity	kW	10.0	12.5
UK Cooling Total/Sensible	kW	8.0/6.3	10.0/7.8
UK Heating	kW	6.8	8.5
Sound pressure level (H/M/L)	dB(A)	48-44-41	50-45-43
Indoor Airflow (H-M-L)	l/s	403 - 361 - 305	458 - 375 - 347
Dimensions (HxWxD)	mm	348 x 1200 x 280	348 x 1200 x 280
Weight	kg	21	21
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	5/8 - 3/8	5/8 - 3/8

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VRF Indoor Units - High wall

Indoor unit	MMK-	UP0051DHPL-E	UP0071DHPL-E	UP0091DHPL-E
VRF 2-Pipe Valve Kit	RBM-	PMV0361UP-E	PMV0361UP-E	PMV0361UP-E
Retail Price inc. VRF 2-Pipe Valve Kit		€1,335	€1,353	€1,367
Rated Cooling capacity	kW	1.7	2.2	2.8
Rated Heating capacity	kW	1.9	2.5	3.2
UK Cooling Total/Sensible	kW	1.5/1.4	2.0/1.6	2.5/1.9
UK Heating	kW	1.3	1.7	2.2
Sound pressure level (H/M/L)	dB(A)	33/29/25	35/30/25	36/31/25
Indoor Airflow (H-M-L)	l/s	126 - 103 - 83	133 - 107 - 83	142 - 110 - 83
Dimensions (HxWxD)	mm	300 x 987 x 210	300 x 987 x 210	300 x 987 x 210
Weight	kg	11	11	11
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4



VRF Indoor Units - High wall (Continued)

Indoor unit	MMK-	UP0121DHPL-E	UP0151DHPL-E	UP0181DHPL-E
VRF 2-Pipe Valve Kit	RBM-	PMV0361UP-E	PMV0901UP-E	PMV0901UP-E
Retail Price inc. VRF 2-Pipe Valve Kit		€1,390	€1,562	€1,587
Rated Cooling capacity	kW	3.6	4.5	5.6
Rated Heating capacity	kW	4.0	5.0	6.3
UK Cooling Total/Sensible	kW	3.3/2.4	4.1/3.0	5.1/3.7
UK Heating	kW	2.7	3.4	4.3
Sound pressure level (H/M/L)	dB(A)	37/32/25	40/35/30	45/39/32
Indoor Airflow (H-M-L)	l/s	150 - 114 - 83	161 - 133 - 106	203 - 167 - 117
Dimensions (HxWxD)	mm	300 x 987 x 210	300 x 987 x 210	300 x 987 x 210
Weight	kg	11	11	11
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4

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VRF Indoor Units - Smart Cassette

Indoor unit	MMU-	UP0091H-E	UP0121H-E	UP0151H-E	UP0181H-E
Fascia Panel	RBC-	U41PG(W)-E	U41PG(W)-E	U41PG(W)-E	U41PG(W)-E
Indoor Unit Retail Price (Inc. Fascia Panel)		€1,864	€2,009	€2,200	€2,299
Rated Cooling capacity	kW	2.8	3.6	4.5	5.6
Rated Heating capacity	kW	3.2	4.0	5.0	6.3
UK Cooling Total/Sensible	kW	2.5/2.0	3.3/2.5	4.1/3.0	5.1/3.8
UK Heating	kW	2.2	2.7	3.4	4.3
Sound pressure level (H/M/L)	dB(A)	30-28-26	30-28-26	30-28-26	30-28-26
Indoor Airflow (H-M-L)	l/s	235 - 213 -197	235 - 213 -197	294 - 256 -222	350 - 306 -261
Dimensions (HxWxD) Indoor	mm	256 x 840 x 840	256 x 840 x 840	319 x 840 x 840	319 x 840 x 840
Dimensions (HxWxD) Panel	mm	30 x 950 x 950	30 x 950 x 950	30 x 950 x 950	30 x 950 x 950
Weight Indoor/Panel	kg	18/5	18/5	25/5	25/5
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4



VRF Indoor Units - Smart Cassette (Continued)

Indoor unit	MMU-	UP0241H-E	UP0271H-E	UP0301H-E	UP0361H-E
Fascia Panel	RBC-	U41PG(W)-E	U41PG(W)-E	U41PG(W)-E	U41PG(W)-E
Indoor Unit Retail Price (Inc. Fascia Panel)		€2,363	€2,401	€2,471	€2,542
Rated Cooling capacity	kW	7.1	8.0	9.0	11.2
Rated Heating capacity	kW	8.0	9.0	10.0	12.5
UK Cooling Total/Sensible	kW	6.4/4.6	7.3/5.2	8.2/5.9	10.2/7.3
UK Heating	kW	5.4	6.1	6.8	8.5
Sound pressure level (H/M/L)	dB(A)	30-28-26	30-28-26	30-28-26	30-28-26
Indoor Airflow (H-M-L)	l/s	439 - 361 -311	492 - 383 -347	539 - 422 -389	607 - 443 -350
Dimensions (HxWxD) Indoor	mm	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840	319 x 840 x 840
Dimensions (HxWxD) Panel	mm	30 x 950 x 950	30 x 950 x 950	30 x 950 x 950	30 x 950 x 950
Weight Indoor/Panel	kg	25/5	25/5	25/5	25/5
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8

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VRF Indoor Units - Smart Cassette (Continued)

Indoor unit	MMU-	UP0481H-E	UP0561H-E
Fascia Panel	RBC-	U41PG(W)-E	U41PG(W)-E
Indoor Unit Retail Price (Inc. Fascia Panel)		€2,669	€2,849
Rated Cooling capacity	kW	14.0	16.0
Rated Heating capacity	kW	16.0	18.0
UK Cooling Total/Sensible	kW	12.7/9.3	14.5/10.4
UK Heating	kW	10.9	12.2
Sound pressure level (H/M/L)	dB(A)	30-28-26	30-28-26
Indoor Airflow (H-M-L)	l/s	628 - 483 -380	628 - 495 -390
Dimensions (HxWxD) Indoor	mm	319 x 840 x 840	319 x 840 x 840
Dimensions (HxWxD) Panel	mm	30 x 950 x 950	30 x 950 x 950
Weight Indoor/Panel	kg	25/5	25/5
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	5/8 - 3/8	5/8 - 3/8



VRF Indoor Units - Compact Cassette

Indoor unit	MMU-	UP0051MHP-E	UP0071MHP-E	UP0091MHP-E	UP0121MHP-E
Fascia Panel (White)	RBC-	UM21P-E	UM21P-E	UM21P-E	UM21P-E
Indoor Unit Retail Price (Inc. Fascia Panel)		€1,484	€1,513	€1,603	€1,659
Rated Cooling capacity	kW	1.7	2.2	2.8	3.6
Rated Heating capacity	kW	1.9	2.5	3.2	4.0
UK Cooling Total/Sensible	kW	1.5/1.3	2.0/1.7	2.5/2.1	3.3/2.5
UK Heating	kW	1.3	1.3	1.7	2.2
Sound pressure level (H/M/L)	dB(A)	31-28-26	32-29-26	33-30-26	33-30-27
Indoor Airflow (H-M-L)	l/s	120 - 112 - 102	153 - 128 - 105	158 - 130 - 105	165 - 140 - 112
Dimensions (HxWxD) Indoor	mm	256 x 575 x 575	256 x 575 x 575	256 x 575 x 575	256 x 575 x 575
Dimensions (HxWxD) Panel	mm	12x620x620	12x620x620	12x620x620	12x620x620
Weight Indoor/Panel	kg	15/2.5	15/2.5	15/2.5	15/2.5
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4

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VRF Indoor Units - Compact Cassette (Continued)

Indoor unit	MMU-	UP0151MHP-E	UP0181MHP-E
Fascia Panel (White)	RBC-	UM21P-E	UM21P-E
Indoor Unit Retail Price (Inc. Fascia Panel)		€1,730	€1,820
Rated Cooling capacity	kW	4.5	5.6
Rated Heating capacity	kW	5.0	6.3
UK Cooling Total/Sensible	kW	4.1/3.1	5.1/3.9
UK Heating	kW	2.7	3.4
Sound pressure level (H/M/L)	dB(A)	37-33-29	43-38-33
Indoor Airflow (H-M-L)	l/s	183 - 153 - 130	233 - 167 - 145
Dimensions (HxWxD) Indoor	mm	256 x 575 x 575	256 x 575 x 575
Dimensions (HxWxD) Panel	mm	12x620x620	12x620x620
Weight Indoor/Panel	kg	15/2.5	15/2.5
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	1/2 - 1/4	1/2 - 1/4



VRF Indoor Units - Standard Cassette

Indoor unit	MMU-	UP0091HP-E	UP0121HP-E	UP0151HP-E	UP0181HP-E
Fascia Panel	RBC-	U33P-E	U33P-E	U33P-E	U33P-E
Indoor Unit Retail Price (Inc. Fascia Panel)		€1,383	€1,416	€1,478	€1,508
Rated Cooling capacity	kW	2.8	3.6	4.5	5.6
Rated Heating capacity	kW	3.2	4.0	5.0	6.3
UK Cooling Total/Sensible	kW	2.5/2.0	3.3/2.5	4.1/3.0	5.1/3.8
UK Heating	kW	2.2	2.7	3.4	4.3
Sound pressure level (H/M/L)	dB(A)	30-29-27	30-29-27	31-29-27	32-29-27
Indoor Airflow (H-M-L)	l/s	222 - 203 - 188	222 - 203 - 188	258 - 230 - 220	292 - 255 - 222
Dimensions (HxWxD) Indoor	mm	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840
Dimensions (HxWxD) Panel	mm	30x950x950	30x950x950	30x950x950	30x950x950
Weight Indoor/Panel	kg	18/4	18/4	20/4	20/4
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4

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VRF Indoor Units - Standard Cassette (Continued)

Indoor unit	MMU-	UP0241HP-E	UP0271HP-E	UP0301HP-E	UP0361HP-E
Fascia Panel	RBC-	U33P-E	U33P-E	U33P-E	U33P-E
Indoor Unit Retail Price (Inc. Fascia Panel)		€1,562	€1,800	€1,941	€2,034
Rated Cooling capacity	kW	7.1	8.0	9.0	11.2
Rated Heating capacity	kW	8.0	9.0	10.0	12.5
UK Cooling Total/Sensible	kW	6.4/4.6	7.3/5.2	8.2/5.9	10.2/7.3
UK Heating	kW	5.4	6.1	6.8	8.5
Sound pressure level (H/M/L)	dB(A)	35-31-28	35-31-28	38-33-30	43-38-32
Indoor Airflow (H-M-L)	l/s	358 - 255 - 222	358 - 255 - 222	367 - 305 - 237	547 - 397 - 297
Dimensions (HxWxD) Indoor	mm	256 x 840 x 840	256 x 840 x 840	256 x 840 x 840	319 x 840 x 840
Dimensions (HxWxD) Panel	mm	30x950x950	30x950x950	30x950x950	30x950x950
Weight Indoor/Panel	kg	20/4	20/4	20/4	25/4
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8



VRF Indoor Units - Standard Cassette (Continued)

Indoor unit	MMU-	UP0481HP-E	UP0561HP-E
Fascia Panel	RBC-	U33P-E	U33P-E
Indoor Unit Retail Price (Inc. Fascia Panel)		€2,114	€2,345
Rated Cooling capacity	kW	14.0	16.0
Rated Heating capacity	kW	16.0	18.0
UK Cooling Total/Sensible	kW	12.7/9.3	14.5/10.4
UK Heating	kW	10.9	12.2
Sound pressure level (H/M/L)	dB(A)	46-38-33	46-40-33
Indoor Airflow (H-M-L)	l/s	592 - 397 - 313	592 - 422 - 342
Dimensions (HxWxD) Indoor	mm	319 x 840 x 840	319 x 840 x 840
Dimensions (HxWxD) Panel	mm	30x950x950	30x950x950
Weight Indoor/Panel	kg	25/4	25/4
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	5/8 - 3/8	5/8 - 3/8

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VRF Indoor Units - 2-Way Cassette

Indoor unit	MMU-	UP0071WH-E	UP0091WH-E	UP0121WH-E	UP0151WH-E
Fascia Panel	RBC-	UW283PG(W)-E	UW283PG(W)-E	UW283PG(W)-E	UW283PG(W)-E
Indoor Unit Retail Price (Inc. Fascia Panel)		€1,967	€2,019	€2,068	€2,134
Rated Cooling capacity	kW	2.2	2.8	3.6	4.5
Rated Heating capacity	kW	2.5	3.2	4.0	5.0
UK Cooling Total/Sensible	kW	2.0/1.5	2.5/1.9	3.3/2.4	4.1/2.9
UK Heating	kW	1.7	2.2	2.7	3.4
Sound pressure level (H/M/L)	dB(A)	34-32-30	34-32-30	34-32-30	35-33-30
Indoor Airflow (H-M-L)	l/s	155 - 138 - 125	155 - 138 - 125	155 - 138 - 125	167 - 148 - 125
Dimensions (HxWxD) Indoor	mm	295 x 815 x 570	295 x 815 x 570	295 x 815 x 570	295 x 815 x 570
Dimensions (HxWxD) Panel	mm	20x1050x680	20x1050x680	20x1050x680	20x1050x680
Weight Indoor/Panel	kg	18/10	18/10	18/10	18/10
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4



VRF Indoor Units - 2-Way Cassette (Continued)

Indoor unit	MMU-	UP0181WH-E	UP0241WH-E	UP0271WH-E	UP0301WH-E
Fascia Panel	RBC-	UW803PG(W)-E	UW803PG(W)-E	UW803PG(W)-E	UW803PG(W)-E
Indoor Unit Retail Price (Inc. Fascia Panel)		€2,429	€2,546	€2,851	€2,873
Rated Cooling capacity	kW	5.6	7.1	8.0	9.0
Rated Heating capacity	kW	6.3	8.0	9.0	10.0
UK Cooling Total/Sensible	kW	5.1/3.7	6.4/4.6	7.3/5.0	8.2/5.4
UK Heating	kW	4.3	5.4	6.1	6.8
Sound pressure level (H/M/L)	dB(A)	35-33-30	38-35-33	38-35-33	40-37-34
Indoor Airflow (H-M-L)	l/s	250 - 208 - 172	292 - 233 - 205	292 - 233 - 205	350 - 250 - 217
Dimensions (HxWxD) Indoor	mm	345 x 1180 x 570	345 x 1180 x 570	345 x 1180 x 570	345 x 1180 x 570
Dimensions (HxWxD) Panel	mm	20x1415x680	20x1415x680	20x1415x680	20x1415x680
Weight Indoor/Panel	kg	26/14	26/14	26/14	26/14
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8

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VRF Indoor Units - 2-Way Cassette (Continued)

Indoor unit	MMU-	UP0361WH-E	UP0481WH-E	UP0561WH-E
Fascia Panel	RBC-	UW1403PG(W)-E	UW1403PG(W)-E	UW1403PG(W)-E
Indoor Unit Retail Price (Inc. Fascia Panel)		€3,420	€3,694	€3,999
Rated Cooling capacity	kW	11.2	14.0	16.0
Rated Heating capacity	kW	12.5	16.0	18.0
UK Cooling Total/Sensible	kW	10.2/7.3	12.7/8.5	14.5/9.4
UK Heating	kW	8.5	10.9	12.2
Sound pressure level (H/M/L)	dB(A)	42-39-36	43-40-37	46-42-39
Indoor Airflow (H-M-L)	l/s	483 - 398 - 328	500 - 412 - 342	567 - 438 - 367
Dimensions (HxWxD) Indoor	mm	345 x 1600 x 570	345 x 1600 x 570	345 x 1600 x 570
Dimensions (HxWxD) Panel	mm	20x1835x680	20x1835x680	20x1835x680
Weight Indoor/Panel	kg	36/14	36/14	36/14
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8



VRF Indoor Units - 1-Way Cassette

Indoor unit	MMU-	UP0051YHP-E	UP0071YHP-E	UP0091YHP-E
Fascia Panel	RBC-	UY32P-E	UY32P-E	UY32P-E
Indoor Unit Retail Price (Inc. Fascia Panel)		€1,786	€1,829	€1,872
Rated Cooling capacity	kW	1.7	2.2	2.8
Rated Heating capacity	kW	1.9	2.5	3.2
UK Cooling Total/Sensible	kW	1.5/1.4	2.0/1.6	2.5/1.9
UK Heating	kW	1.3	1.7	2.2
Sound pressure level (H/M/L)	dB(A)	37-33-25	38-34-25	39-35-26
Indoor Airflow (H-M-L)	l/s	133 - 102 - 75	150 - 133 - 117	150 - 133 - 117
Dimensions (HxWxD) Indoor	mm	150 x 990 x 450	150 x 990 x 450	150 x 990 x 450
Dimensions (HxWxD) Panel	mm	30x1220x530	30x1220x530	30x1220x530
Weight Indoor/Panel	kg	14/4	14/4	14/4
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4

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VRF Indoor Units - 1-Way Cassette (Continued)

Indoor unit	MMU-	UP0121YHP-E	UP0151YHP-E	UP0181YHP-E
Fascia Panel	RBC-	UY32P-E	UY42P-E	UY42P-E
Indoor Unit Retail Price (Inc. Fascia Panel)		€1,918	€2,098	€2,333
Rated Cooling capacity	kW	3.6	4.5	5.6
Rated Heating capacity	kW	4.0	5.0	6.3
UK Cooling Total/Sensible	kW	3.3/2.4	4.1/2.9	5.1/3.7
UK Heating	kW	2.7	3.4	4.3
Sound pressure level (H/M/L)	dB(A)	40-36-26	39-36-33	40-37-33
Indoor Airflow (H-M-L)	l/s	150 - 133 - 117	208 - 175 - 139	222 - 181 - 139
Dimensions (HxWxD) Indoor	mm	150 x 990 x 450	150 x 1180 x 450	150 x 1180 x 450
Dimensions (HxWxD) Panel	mm	30x1220x530	30x1410x530	30x1410x530
Weight Indoor/Panel	kg	14/4	15/5	15/5
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	3/8 - 1/4	1/2 - 1/4	1/2 - 1/4



VRF Indoor Units - 1-Way Cassette (Continued)

Indoor unit	MMU-	UP0241YHP-E	UP0271YHP-E
Fascia Panel	RBC-	UY42P-E	UY42P-E
Indoor Unit Retail Price (Inc. Fascia Panel)		€2,453	€2,535
Rated Cooling capacity	kW	7.1	8.0
Rated Heating capacity	kW	8.0	9.0
UK Cooling Total/Sensible	kW	6.4/4.6	7.3/5.0
UK Heating	kW	5.4	9.0
Sound pressure level (H/M/L)	dB(A)	46-42-37	47-44-41
Indoor Airflow (H-M-L)	l/s	261 - 211 - 167	278 - 239 - 200
Dimensions (HxWxD) Indoor	mm	150 x 1180 x 450	150 x 1180 x 450
Dimensions (HxWxD) Panel	mm	30x1410x530	30x1410x530
Weight Indoor/Panel	kg	16/5	16/5
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	5/8 - 3/8	5/8 - 3/8

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VRF Indoor Units - Ceiling

Indoor unit	MMC-	UP0151HP-E	UP0181HP-E	UP0241HP-E	UP0271HP-E
Indoor Unit Retail Price		€1,665	€1,841	€1,950	€1,968
Rated Cooling capacity	kW	4.5	5.6	7.1	8.0
Rated Heating capacity	kW	5.0	6.3	8.0	9.0
UK Cooling Total/Sensible	kW	4.1/3.0	5.1/3.7	6.4/4.8	7.3/5.3
UK Heating	kW	3.4	4.3	5.4	6.1
Sound pressure level (H/M/L)	dB(A)	36-34-28	36-34-28	36-34-28	36-34-28
Indoor Airflow (H-M-L)	l/s	233 - 200 - 150	267 - 200 - 150	400 - 283 - 217	400 - 283 - 217
Dimensions (HxWxD) Indoor	mm	235 x 952 x 690	235 x 952 x 690	235 x 1270 x 690	235 x 1270 x 690
Weight Indoor	kg	24	24	30	30
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8



VRF Indoor Units - Ceiling (Continued)

Indoor unit	MMC-	UP0361HP-E	UP0481HP-E	UP0561HP-E
Indoor Unit Retail Price		€1,998	€2,032	€2,175
Rated Cooling capacity	kW	11.2	14.0	16.0
Rated Heating capacity	kW	12.5	16.0	18.0
UK Cooling Total/Sensible	kW	10.2/7.2	12.7/9.3	14.5/9.4
UK Heating	kW	8.5	10.9	12.2
Sound pressure level (H/M/L)	dB(A)	36-34-28	36-34-28	36-34-28
Indoor Airflow (H-M-L)	l/s	517 - 383 - 283	517 - 433 - 333	567 - 467 - 350
Dimensions (HxWxD) Indoor	mm	235 x 1586 x 690	235 x 1586 x 690	235 x 1586 x 690
Weight Indoor	kg	39	39	39
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8

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VRF Indoor Units - Slim Ducted

Indoor unit	MMD-	UP0031SPHY-E	UP0051SPHY-E	UP0071SPHY-E
Indoor Unit Retail Price		€963	€967	€980
Rated Cooling capacity	kW	0.9	1.7	2.2
Rated Heating capacity	kW	1.0	1.9	2.5
UK Cooling Total/Sensible	kW	0.8/0.6	1.5/1.1	2.0/1.6
UK Heating	kW	0.7	1.3	1.7
Sound pressure level, rear suction (H/M/L)	dB(A)	29-27-25	30-28-26	31-29-26
Sound pressure level, bottom suction (H/M//L)	dB(A)	37-35-32	39-37-34	41-39-35
Indoor Airflow (H-M-L)	l/s	114 - 103 - 97	125 - 114 - 106	150 - 128 - 111
Max external static pressure	Pa	50	50	50
Dimensions (HxWxD)	mm	210 x 700 x 450	210 x 700 x 450	210 x 700 x 450
Weight	kg	15	15	15
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4



VRF Indoor Units - Slim Ducted (Continued)

Indoor unit	MMD-	UP0091SPHY-E	UP0121SPHY-E	UP0151SPHY-E
Indoor Unit Retail Price		€999	€1,027	€1,044
Rated Cooling capacity	kW	2.8	3.6	4.5
Rated Heating capacity	kW	3.2	4.0	5.0
UK Cooling Total/Sensible	kW	2.5/2.0	3.3/2.5	4.1/2.9
UK Heating	kW	2.2	2.7	3.4
Sound pressure level, rear suction (H/M/L)	dB(A)	32-29-26	33-30-27	33-30-28
Sound pressure level, bottom suction (H/M//L)	dB(A)	42-40-36	44-40-37	42-39-37
Indoor Airflow (H-M-L)	l/s	158 - 139 - 117	167 - 144 - 122	192 - 178 - 153
Max external static pressure	Pa	50	50	50
Dimensions (HxWxD)	mm	210 x 700 x 450	210 x 700 x 450	210 x 900 x 450
Weight	kg	15	15	19
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4

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VRF Indoor Units - Slim Ducted (Continued)

Indoor unit	MMD-	UP0181SPHY-E	UP0241SPHY-E	UP0271SPHY-E
Indoor Unit Retail Price		€1,097	€1,185	€1,279
Rated Cooling capacity	kW	5.6	7.1	8.0
Rated Heating capacity	kW	6.3	8.0	9.0
UK Cooling Total/Sensible	kW	5.1/3.5	6.4/4.4	7.3/4.9
UK Heating	kW	4.3	5.4	6.1
Sound pressure level, rear suction (H/M/L)	dB(A)	34-32-29	36-33-30	37-34-32
Sound pressure level, bottom suction (H/M//L)	dB(A)	44-42-39	47-44-41	48-45-43
Indoor Airflow (H-M-L)	l/s	217 - 203 - 181	300 - 264 - 239	317 - 272 - 253
Max external static pressure	Pa	50	50	50
Dimensions (HxWxD)	mm	210 x 900 x 450	210 x 1110 x 450	210 x 1110 x 450
Weight	kg	19	22	22
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8



VRF Indoor Units - Ducted

Indoor unit*	MMD-	UP0051BHP-E	UP0071BHP-E	UP0091BHP-E	UP0121BHP-E
Indoor Unit Retail Price		€1,078	€1,102	€1,134	€1,164
Rated Cooling capacity	kW	1.7	2.2	2.8	3.6
Rated Heating capacity	kW	1.9	2.5	3.2	4.0
UK Cooling Total/Sensible	kW	1.5/1.3	2.0/1.7	2.5/2.1	3.2/2.4
UK Heating	kW	1.3	1.7	2.2	2.7
Sound pressure level (H/M/L)	dB(A)	29-26-23	29-26-23	30-26-23	30-26-23
Indoor Airflow (H-M-L)	l/s	150 - 125 - 100	150 - 125 - 100	158 - 133 - 108	158 - 133 - 108
Max external static pressure	Pa	150	150	150	150
Dimensions (HxWxD)	mm	275 x 700 x 750	275 x 700 x 750	275 x 700 x 750	275 x 700 x 750
Weight	kg	23	23	23	23
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4

* Vertical Conversion Kit (RBC-VCK1 - \$668-) available as option

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VRF Indoor Units - Ducted (Continued)

Indoor unit*	MMD-	UP0151BHP-E	UP0181BHP-E	UP0241BHP-E	UP0271BHP-E
Indoor Unit Retail Price		€1,198	€1,278	€1,335	€1,481
Rated Cooling capacity	kW	4.5	5.6	7.1	8.0
Rated Heating capacity	kW	5.0	6.3	8.0	9.0
UK Cooling Total/Sensible	kW	4.0/3.3	5.0/3.7	6.3/4.8	7.1/5.4
UK Heating	kW	3.4	4.3	5.4	6.1
Sound pressure level (H/M/L)	dB(A)	33-29-25	33-29-25	33-30-27	33-30-27
Indoor Airflow (H-M-L)	l/s	256 - 183 - 150	256 - 183 - 150	3667 - 303 - 242	3667 - 303 - 242
Max external static pressure	Pa	150	150	150	150
Dimensions (HxWxD)	mm	275 x 700 x 750	275 x 700 x 750	275 x 1000 x 750	275 x 1000 x 750
Weight	kg	23	23	30	30
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8

* Vertical Conversion Kit (RBC-VCK1 - £668-) available as option



VRF Indoor Units - Ducted (Continued)

Indoor unit*	MMD-	UP0301BHP-E	UP0361BHP-E	UP0481BHP-E	UP0561BHP-E
Indoor Unit Retail Price		€1,580	€1,812	€1,940	€2,060
Rated Cooling capacity	kW	9.0	11.2	14.0	16.0
Rated Heating capacity	kW	10.0	12.5	16.0	18.0
UK Cooling Total/Sensible	kW	8.0/6.1	10.0/7.7	12.3/9.2	14.3/10.2
UK Heating	kW	6.8	8.5	10.9	12.2
Sound pressure level (H/M/L)	dB(A)	36-31-27	36-34-31	40-36-33	40-36-33
Indoor Airflow (H-M-L)	l/s	403 - 333 - 267	533 - 450 - 383	653 - 533 - 417	
Max external static pressure	Pa	150	150	150	150
Dimensions (HxWxD)	mm	275 x 1000 x 750	275 x 1400 x 750	275 x 1400 x 750	275 x 1400 x 750
Weight	kg	30	40	40	40
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8

* Vertical Conversion Kit (RBC-VCK1 - £668-) available as option

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VRF Indoor Units - High Static Ducted

Indoor unit	MMD-	UP0181HP-E	UP0241HP-E	UP0271HP-E	UP0361HP-E
Indoor Unit Retail Price		€1,631	€1,797	€1,875	€1,965
Rated Cooling capacity	kW	5.6	7.1	8.0	11.2
Rated Heating capacity	kW	6.3	8.0	9.0	12.5
UK Cooling Total/Sensible	kW	5.1/3.7	6.4/4.9	7.3/5.5	10.2/7.8
UK Heating	kW	4.3	5.4	6.1	8.5
Sound pressure level (H/M/L)	dB(A)	37-33-31	37-33-31	37-33-31	37-33-31
Indoor Airflow (H-M-L)	l/s	306 - 275 - 250	333 - 292 - 267	417 - 375 - 333	533 - 433 - 372
Max external static pressure	Pa	200	200	200	200
Dimensions (HxWxD)	mm	298 x 1000 x 750	298 x 1000 x 750	298 x 1000 x 750	298 x 1400 x 750
Weight	kg	34	34	34	43
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50& 10	220/240-1-50& 10	220/240-1-50& 10	220/240-1-50& 10
Pipe Connections (Gas - Liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8



VRF Indoor Units - High Static Ducted (Continued)

Indoor unit	MMD-	UP0481HP-E	UP0561HP-E	UP0721HP-E1	UP0961HP-E1
Indoor Unit Retail Price		€2,176	€2,326	€3,926	€4,148
Rated Cooling capacity	kW	14.0	16.0	22.4	28.0
Rated Heating capacity	kW	16.0	18.0	25.0	31.5
UK Cooling Total/Sensible	kW	12.7/9.3	14.5/10.6	20.3/14.1	25.4/17.3
UK Heating	kW	10.9	12.2	17.0	21.4
Sound pressure level (H/M/L)	dB(A)	37-33-31	37-33-31	37-33-31	37-33-31
Indoor Airflow (H-M-L)	l/s	650 - 550 - 471	767 - 650 - 533	1056 - 889 - 694	1333 - 1167 - 972
Max external static pressure	Pa	200	200	250	250
Dimensions (HxWxD)	mm	298 x 1400 x 750	298 x 1400 x 750	448 x 1400 x 900	448 x 1400 x 900
Weight	kg	43	43	97	97
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50& 10	220/240-1-50& 10	220/240-1-50 & 16	220/240-1-50 & 16
Pipe Connections (Gas - Liquid)	inch	5/8 - 3/8	5/8 - 3/8	7/8 - 3/8	7/8 - 1/2

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VRF Indoor Units - Concealed

Indoor unit	MML-	UP0071BH-E	UP0091BH-E	UP0121BH-E	UP0151BH-E
Indoor Unit Retail Price		€1,323	€1,356	€1,395	€1,459
Rated Cooling capacity	kW	2.2	2.8	3.6	4.5
Rated Heating capacity	kW	2.5	3.2	4.0	5.0
UK Cooling Total/Sensible	kW	2.0/1.3	2.5/1.5	3.3/2.1	4.1/2.7
UK Heating	kW	1.7	2.2	2.7	3.4
Sound pressure level (H/M/L)	dB(A)	36-34-32	36-34-32	36-34-32	36-34-32
Indoor Airflow (H-M-L)	l/s	128 - 111 - 83	128 - 111 - 83	128 - 111 - 83	206 - 167 - 136
Max external static pressure	Pa	5	5	5	5
Dimensions (HxWxD)	mm	600 x 745 x 220	600 x 745 x 220	600 x 745 x 220	600 x 1045 x 220
Weight	kg	21	21	21	28
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4



VRF Indoor Units - Concealed (Continued)

Indoor unit	MML-	UP0181BH-E	UP0241BH-E
Indoor Unit Retail Price		€1,553	€1,615
Rated Cooling capacity	kW	5.6	7.1
Rated Heating capacity	kW	6.3	8.0
UK Cooling Total/Sensible	kW	5.1/3.3	6.4/4.2
UK Heating	kW	4.3	5.4
Sound pressure level (H/M/L)	dB(A)	36-34-32	42-37-33
Indoor Airflow (H-M-L)	l/s	206 - 167 - 136	264 - 219 - 178
Max external static pressure	Pa	5	5
Dimensions (HxWxD)	mm	600 x 1045 x 220	600 x 1045 x 220
Weight	kg	28	28
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	1/2 - 1/4	5/8 - 3/8

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VRF Indoor Units - Cabinet

Indoor unit	MML-	UP0071H-E	UP0091H-E	UP0121H-E	UP0151H-E
Indoor Unit Retail Price		€1,584	€1,623	€1,663	€1,747
Rated Cooling capacity	kW	2.2	2.8	3.6	4.5
Rated Heating capacity	kW	2.5	3.2	4.0	5.0
UK Cooling Total/Sensible	kW	2.0/1.3	2.5/1.5	3.3/2.1	3.8/2.5
UK Heating	kW	1.7	2.2	2.7	3.4
Sound pressure level (H/M/L)	dB(A)	39-37-35	39-37-35	45-41-38	45-41-38
Indoor Airflow (H-M-L)	l/s	133 - 117 - 100	133 - 117 - 100	250 - 217 - 180	250 - 217 - 180
Dimensions (HxWxD)	mm	630 x 950 x 230	630 x 950 x 230	630 x 950 x 230	630 x 950 x 230
Weight	kg	35	35	35	35
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4	1/2 - 1/4



VRF Indoor Units - Cabinet (Continued)

Indoor unit	MML-	UP0181H-E	UP0241H-E
Indoor Unit Retail Price		€1,855	€1,934
Rated Cooling capacity	kW	5.6	7.1
Rated Heating capacity	kW	6.3	8.0
UK Cooling Total/Sensible	kW	5.1/3.3	6.4/4.2
UK Heating	kW	4.3	5.4
Sound pressure level (H/M/L)	dB(A)	49-44-39	49-44-39
Indoor Airflow (H-M-L)	l/s	300 - 267 - 217	300 - 267 - 217
Dimensions (HxWxD)	mm	630 x 950 x 230	630 x 950 x 230
Weight	kg	38	38
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	1/2 - 1/4	5/8 - 3/8

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VRF Indoor Units - Bi-Flow

Indoor unit	MML-	UP0071NHP-E	UP0091NHP-E	UP0121NHP-E
Indoor Unit Retail Price		€1,569	€1,691	€1,811
Rated Cooling capacity	kW	2.2	2.8	3.6
Rated Heating capacity	kW	2.5	3.2	4.0
UK Cooling Total/Sensible	kW	2.0/1.6	2.5/1.9	3.3/2.4
UK Heating	kW	1.7	2.2	2.7
Sound pressure level (H/M/L)	dB(A)	38-32-26	38-32-26	38-32-26
Indoor Airflow (H-M-L)	l/s	142 - 102 - 78	142 - 102 - 78	153 - 113 - 90
Dimensions (HxWxD)	mm	600 x 700 x 220	600 x 700 x 220	600 x 700 x 220
Weight	kg	17	17	17
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	3/8 - 1/4	3/8 - 1/4	3/8 - 1/4



VRF Indoor Units - Bi-Flow (Continued)

Indoor unit	MML-	UP0151NHP-E	UP0181NHP-E
Indoor Unit Retail Price		€1,933	€2,008
Rated Cooling capacity	kW	4.5	5.6
Rated Heating capacity	kW	5.0	6.3
UK Cooling Total/Sensible	kW	4.1/2.9	5.1/3.6
UK Heating	kW	3.4	4.3
Sound pressure level (H/M/L)	dB(A)	38-32-26	38-32-26
Indoor Airflow (H-M-L)	l/s	173 - 130 - 107	202 - 147 - 118
Dimensions (HxWxD)	mm	600 x 700 x 220	600 x 700 x 220
Weight	kg	17	17
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	1/2 - 1/4	1/2 - 1/4

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VRF Indoor Units - Floor-Standing

Indoor unit	MML-	UP0151H-E	UP0181H-E	UP0241H-E	UP0271H-E
Indoor Unit Retail Price		€2,255	€2,393	€2,498	€2,570
Rated Cooling capacity	kW	4.5	5.6	7.1	8.0
Rated Heating capacity	kW	5.0	6.3	8.0	9.0
UK Cooling Total/Sensible	kW	4.1/3.2	5.1/3.9	6.4/5.0	7.3/5.6
UK Heating	kW	3.4	4.3	5.4	6.1
Sound pressure level (H/M/L)	dB(A)	46-42-38	46-42-38	46-42-38	46-42-38
Indoor Airflow (H-M-L)	l/s	228 - 194 - 167	228 - 194 - 167	258 - 214 - 178	258 - 214 - 178
Dimensions (HxWxD)	mm	1750 x 600 x 210	1750 x 600 x 210	1750 x 600 x 210	1750 x 600 x 210
Weight	kg	46	46	47	47
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	1/2 - 1/4	1/2 - 1/4	1/2 - 3/8	1/2 - 3/8

* Indoor unit controller is not included in system price



VRF Indoor Units - Floor-Standing (Continued)

Indoor unit	MML-	UP0361H-E	UP0481H-E	UP0561H-E
Indoor Unit Retail Price		€2,648	€2,781	€2,919
Rated Cooling capacity	kW	11.2	14.0	16.0
Rated Heating capacity	kW	12.5	16.0	18.0
UK Cooling Total/Sensible	kW	10.2/7.6	12.7/9.3	14.5/10.8
UK Heating	kW	8.5	10.9	12.2
Sound pressure level (H/M/L)	dB(A)	46-42-38	46-42-38	46-42-38
Indoor Airflow (H-M-L)	l/s	461 - 394 - 325	489 - 411 - 375	489 - 411 - 375
Dimensions (HxWxD)	mm	1750 x 600 x 390	1750 x 600 x 390	1750 x 600 x 390
Weight	kg	61	61	61
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	inch	1/2 - 3/8	1/2 - 3/8	1/2 - 3/8

* Indoor unit controller is not included in system price

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VRF Indoor Units - Fresh Air Intake

Indoor unit	MML-	UP0481HFP-E	UP0721HFP-E1	UP0961HFP-E1
Indoor Unit Retail Price		€2,933	€4,855	€5,130
Rated Cooling capacity	kW	14.0	22.4	28.0
Rated Heating capacity	kW	8.9	13.9	17.4
UK Cooling Total/Sensible	kW	7.9	12.3	15.3
UK Heating	kW	10.8	16.8	21.0
Sound pressure level (H/M/L)	dB(A)	38-35-31	38-35-31	38-35-31
Indoor Airflow (upper - lower)	l/s	367 - 167	567 - 267	700 - 367
Max external static pressure	Pa	200	200	200
Dimensions (HxWxD)	mm	327 x 1430 x 750	477 x 1430 x 900	477 x 1430 x 900
Weight	kg	44	99	99
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 15	220/240-1-50 & 15
Pipe Connections (Gas - Liquid)	inch	5/8 - 3/8	7/8 - 1/2	7/8 - 1/2



VRF Indoor Units - Fresh Air Intake (Continued)

Indoor unit	MML-	UP1121HFP-E1	UP1281HFP-E1
Indoor Unit Retail Price		€5,489	€5,874
Rated Cooling capacity	kW	33.5	40.0
Rated Heating capacity	kW	20.8	25.2
UK Cooling Total/Sensible	kW	18.4	22.3
UK Heating	kW	25.2	30.6
Sound pressure level (H/M/L)	dB(A)	38-35-31	38-35-31
Indoor Airflow (upper - lower)	l/s	850 - 417	1000 - 500
Max external static pressure	Pa	200	200
Dimensions (HxWxD)	mm	477 x 1430 x 900	477 x 1430 x 900
Weight	kg	99	99
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 15	220/240-1-50 & 15
Pipe Connections (Gas - Liquid)	inch	7/8 - 1/2	1"1/8 - 5/8

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VRF Indoor Units - Hot Water Module

Indoor unit	MMW-	UP0271LQ-E	UP0561LQ-E	AP0481CHQ-E
Indoor Unit Retail Price		€3,982	€4,084	€8,772
Rated Cooling capacity	kW	8.0	16.0	14.0
Rated Heating capacity	kW	25.0	27.0	44.0
Water Temperature (up to)	°C	55	55	85
Nominal Flow Rate	l/min	22.9	45.8	40.0
Dimensions (HxWxD)	mm	580 x 400 x 250	580 x 400 x 250	700 x 900 x 320
Weight	kg	17.8	20.3	100
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 5	220/240-1-50 & 5	220/240-1-50 & 5
Pipe Connections (Gas - Liquid)	Inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8

* Model MMW-AP0481CHQ-E not connectible to SMMS-u or SHRM Advance



RBC-DXC031 Air Handling Unit Applications

Outdoor Unit - VRF SMMS-u	MMY-	MUP0801HT8P-E	MUP1001HT8P-E
Electronic Expansion valve	MM-	DXV281	DXV281
Outdoor Unit Retail Price (Inc. EEV)		€8,885	€9,631
Pipe connections (gas - liquid)	inch	3/4 - 1/2	7/8 - 1/2
Max pipe length - Max Height Difference	m	120-70	120-70
Refrigerant	Type/kg/g	R410A/6	R410A/6
Dimensions (HxWxD)	mm	1690 x 990 x 780	1690 x 990 x 780
Total Weight	kg	228	228
Suggested Power & Fuse rating	V-ph-Hz & A	380/415-3-50 & 20	380/415-3-50 & 25
Control Panel	RBC-	DXC031	DXC031
Control Panel Retail Price		€1,053	€1,053
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150
Weight	kg	8	8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6
AHU DX Coil Design (third party supply)		AHU DX Coil	AHU DX Coil
Cooling	kW	22.4	28.0
Heating	kW	25.0	31.5
Air Volume Min - Max	m3/h	3010 - 5160	3500 - 6000
Coil Pipe Diameter	mm - "	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	6.5	6.5
Suction Superheat (Target)	K	5	5

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VRF Air Handling Unit Application Single-Circuit DX Coils

System Capacity Or Combination Capacity	HP	4	5	4	5
Control Panel	MM-	DXC010	DXC010	DXC010	DXC010
DXC010 Control Panel Retail Price*		€829	€829	€829	€829
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150
Weight	kg	8	8	8	8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Wired Controller	RBC-	AMTU31-E	AMTU31-E	AMTU31-E	AMTU31-E
DX Coil Valve Kit Header	MM-	DXV140	DXV140	DXV140	DXV140
DX Coil Valve Kit Price		€389	€389	€389	€389
AHU DX Coil Design (third party supply)		AHU DX COIL	AHU DX COIL	AHU DX COIL	AHU DX COIL
Cooling Capacity	kW	11.2	14.0	11.2	14.0
Heating Capacity	kW	12.5	16.0	12.5	16.0
Air Volume	m3/hr	1280 - 1920	1680 - 2520	1280 - 1920	1680 - 2520
Coil Volume	cm3	1700 - 2300	2125 - 2875	1700 - 2300	2125 - 2875
Coil Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	6.5	6.5	6.5	6.5
Suction Superheat (Target)	K	5	5	5	5
Interface/Valve Retail Price		€1,218	€1,218	€1,218	€1,218

* Control Panel retail price includes controller



VRF Air Handling Unit Application Single-Circuit DX Coils (Continued)

System Capacity Or Combination Capacity	HP	6	4	5	6
Control Panel	MM-	DXC010	DXC010	DXC010	DXC010
DXC010 Control Panel Retail Price*		€829	€829	€829	€829
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150	400 x 300 x 150
Weight	kg	8	8	8	8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Wired Controller	RBC-	AMTU31-E	AMTU31-E	AMTU31-E	AMTU31-E
DX Coil Valve Kit Header	MM-	DXV140	DXV140	DXV140	DXV140
DX Coil Valve Kit Price		€389	€389	€389	€389
AHU DX Coil Design (third party supply)		AHU DX COIL	AHU DX COIL	AHU DX COIL	AHU DX COIL
Cooling Capacity	kW	16.0	11.2	14.0	16.0
Heating Capacity	kW	18.0	12.5	16.0	18.0
Air Volume	m3/hr	1850 - 3740	1280 - 1920	1680 - 2520	1850 - 3740
Coil Volume	cm3	2550 - 3450	1700 - 2300	2125 - 2875	2550 - 3450
Coil Diameter	mm - "	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	6.5	6.5	6.5	6.5
Suction Superheat (Target)	K	5	5	5	5
Interface/Valve Retail Price		€1,218	€1,218	€1,218	€1,218

* Control Panel retail price includes controller

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VRF Air Handling Unit Application Single-Circuit DX Coils (Continued)

System Capacity Or Combination Capacity	HP	8	10
Control Panel	MM-	DXC010	DXC010
DXC010 Control Panel Retail Price*		€829	€829
Dimensions (HxWxD)	mm	400 x 300 x 150	400 x 300 x 150
Weight	kg	8	8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6
Wired Controller	RBC-	AMTU31-E	AMTU31-E
DX Coil Valve Kit Header	MM-	DXV280	DXV280
DX Coil Valve Kit Price		€389	€389
AHU DX Coil Design (third party supply)		AHU DX COIL	AHU DX COIL
Cooling Capacity	kW	22.4	28.0
Heating Capacity	kW	22.4	28.0
Air Volume	m3/hr	2880 - 4320	3360 - 5040
Coil Volume	cm3	3400 - 4600	4250 - 5750
Coil Diameter	mm - "	9.52 - 3/8	9.52 - 3/8
Evaporating Temperature Range	°C	6.5	6.5
Suction Superheat (Target)	K	5	5
Interface/Valve Retail Price		€1,218	€1,218

* Control Panel retail price includes controller



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils

Interface/Valve Retail Price		€1,270	€1,270	€1,270
Dx-coil controller(s)	TCB-IFDMX01UP-E	€743	€743	€743
Dx-Valve kit(s)		€527	€527	€527
Interface/Valve Retail Price		€1,585	€1,585	€1,585
Dx-coil controller	TCB-IFDMR01UP-E	€1,058	€1,058	€1,058
Dx-Valve kit(s)		€527	€527	€527
Outdoor Combinations	HP	8	10	12
Outdoor Compatibility Control	TA	SMMSu/SHRMe	SMMSu/SHRMe	SMMSu/SHRMe
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	1	1	1
RBM-A101UPVA-E Dx-Valve kit(s)	No.	1	1	1
RBM-A201UPVA-E Dx-Valve kit(s)	No.	-	-	-
HEX circuit(s) Interlaced, Split face	No.	1	1	1
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	22.4	28.0	33.5
Rated Heating Capacity	kW	22.4	28.0	33.5
Air Volume	m3/hr	2880 - 4320	3360 - 5040	4240 - 6400
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	3400 - 4600	4250 - 5750	5100 - 6900
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications

TOSHIBA



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€1,270	€1,270	€2,540
Dx-coil controller(s)	TCB-IFDMX01UP-E	€743	€743	€1,486
Dx-Valve kit(s)		€527	€527	€1,054
Interface/Valve Retail Price		€1,585	€1,585	€3,170
Dx-coil controller	TCB-IFDMR01UP-E	€1,058	€1,058	€2,116
Dx-Valve kit(s)		€527	€527	€1,054
Outdoor Combinations	HP	14	16	8+8
Outdoor Compatibility Control	TA	SMMSu/SHRMe	SMMSu/SHRMe	SMMSu/SHRMe
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	1	1	2
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	2
RBM-A201UPVA-E Dx-Valve kit(s)	No.	1	1	-
HEX circuit(s) Interlaced, Split face	No.	1	1	2
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	40.0	45.0	44.8
Rated Heating Capacity	kW	40.0	45.0	44.8
Air Volume	m3/hr	4920 - 7420	5760 - 8640	5760 - 8640
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	5950 - 8050	6800 - 9200	6800 - 9200
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€1,270	€2,540	€1,270
Dx-coil controller(s)	TCB-IFDMX01UP-E	€743	€1,486	€743
Dx-Valve kit(s)		€527	€1,054	€527
Interface/Valve Retail Price		€1,585	€3,170	€1,585
Dx-coil controller	TCB-IFDMR01UP-E	€1,058	€2,116	€1,058
Dx-Valve kit(s)		€527	€1,054	€527
Outdoor Combinations	HP	18	8+10	20
Outdoor Compatibility Control	TA	SMMSu/SHRMe	SMMSu/SHRMe	SMMSu/SHRMe
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	1	2	1
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	2	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	1	-	1
HEX circuit(s) Interlaced, Split face	No.	1	2	1
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	50.4	50.4	56.0
Rated Heating Capacity	kW	50.4	50.4	56.0
Air Volume	m3/hr	6240 - 9360	6240 - 9360	6720 - 10080
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	7650 - 10350	7650 - 10350	8500 - 11500
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications

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VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€2,540	€2,540	€1,797
Dx-coil controller(s)	TCB-IFDMX01UP-E	€1,486	€1,486	€743
Dx-Valve kit(s)		€1,054	€1,054	€1,054
Interface/Valve Retail Price		€3,170	€3,170	€2,112
Dx-coil controller	TCB-IFDMR01UP-E	€2,116	€2,116	€1,058
Dx-Valve kit(s)		€1,054	€1,054	€1,054
Outdoor Combinations	HP	10+10	12+10	24
Outdoor Compatibility Control	TA	SMMSu/SHRMε	SMMSu/SHRMε	SMMSu
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	2	2	1
RBM-A101UPVA-E Dx-Valve kit(s)	No.	2	2	2
RBM-A201UPVA-E Dx-Valve kit(s)	No.	-	-	-
HEX circuit(s) Interlaced, Split face	No.	2	2	1
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	56.0	61.5	67.0
Rated Heating Capacity	kW	56.0	61.5	67.0
Air Volume	m3/hr	6720 - 10080	7620 - 11490	8290 - 12510
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	8500 - 11500	9350 - 12650	10200 - 13800
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€2,540	€3,810	€3,810
Dx-coil controller(s)	TCB-IFDMX01UP-E	€1,486	€2,229	€2,229
Dx-Valve kit(s)		€1,054	€1,581	€1,581
Interface/Valve Retail Price		€3,170	€4,755	€4,755
Dx-coil controller	TCB-IFDMR01UP-E	€2,116	€3,174	€3,174
Dx-Valve kit(s)		€1,054	€1,581	€1,581
Outdoor Combinations	HP	12+12	8+8+8	10+8+8
Outdoor Compatibility Control	TA	SMMSu/SHRMe	SMMSu/SHRMe	SMMSu/SHRMe
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	2	3	3
RBM-A101UPVA-E Dx-Valve kit(s)	No.	2	-	3
RBM-A201UPVA-E Dx-Valve kit(s)	No.	-	3	-
HEX circuit(s) Interlaced, Split face	No.	2	-	3
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	67.0	67.2	72.8
Rated Heating Capacity	kW	67.0	67.2	72.8
Air Volume	m3/hr	8290 - 12510	8290 - 12510	8970 - 13530
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	10200 - 13800	10200 - 13800	11050 - 14950
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications

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VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€1,797	€2,540	€3,810
Dx-coil controller(s)	TCB-IFDMX01UP-E	€743	€1,486	€2,229
Dx-Valve kit(s)		€1,054	€1,054	€1,581
Interface/Valve Retail Price		€2,112	€3,170	€4,755
Dx-coil controller	TCB-IFDMR01UP-E	€1,058	€2,116	€3,174
Dx-Valve kit(s)		€1,054	€1,054	€1,581
Outdoor Combinations	HP	14+14	14+14	10+10+8
Outdoor Compatibility Control	TA	SMMSu/SHRMε	SMMSu/SHRMε	SMMSu/SHRMε
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	1	2	3
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	3
RBM-A201UPVA-E Dx-Valve kit(s)	No.	2	2	-
HEX circuit(s) Interlaced, Split face	No.	1	2	3
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	80.0	80.0	72.8
Rated Heating Capacity	kW	80.0	80.0	72.8
Air Volume	m3/hr	9650 - 14550	9650 - 14550	9650 - 14550
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	11900 - 16100	11900 - 16100	11900 - 16100
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€3,810	€1,797	€2,540
Dx-coil controller(s)	TCB-IFDMX01UP-E	€2,229	€743	€1,486
Dx-Valve kit(s)		€1,581	€1,054	€1,054
Interface/Valve Retail Price		€4,755	€2,112	€3,170
Dx-coil controller	TCB-IFDMR01UP-E	€3,174	€1,058	€2,116
Dx-Valve kit(s)		€1,581	€1,054	€1,054
Outdoor Combinations	HP	10+10+10	16+16	16+16
Outdoor Compatibility Control	TA	SMMSu/SHRM _e	SMMSu/SHRM _e	SMMSu/SHRM _e
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	3	1	2
RBM-A101UPVA-E Dx-Valve kit(s)	No.	3	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	-	2	2
HEX circuit(s) Interlaced, Split face	No.	3	1	2
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	84.0	90.0	90.0
Rated Heating Capacity	kW	84.0	90.0	90.0
Air Volume	m3/hr	10320 - 15570	11520 - 17280	11520 - 17280
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	12750 - 17250	13600 - 18400	13600 - 18400
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications

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VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€2,540	€1,797	€2,540
Dx-coil controller(s)	TCB-IFDMX01UP-E	€1,486	€743	€1,486
Dx-Valve kit(s)		€1,054	€1,054	€1,054
Interface/Valve Retail Price		€3,170	€2,112	€3,170
Dx-coil controller	TCB-IFDMR01UP-E	€2,116	€1,058	€2,116
Dx-Valve kit(s)		€1,054	€1,054	€1,054
Outdoor Combinations	HP	18+16	18+18	18+18
Outdoor Compatibility Control	TA	SMMSu/SHRMe	SMMSu/SHRMe	SMMSu/SHRMe
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	2	1	2
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	2	2	2
HEX circuit(s) Interlaced, Split face	No.	2	1	2
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	95.4	100.8	100.8
Rated Heating Capacity	kW	95.4	100.8	100.8
Air Volume	m3/hr	11670 - 17610	12480 - 18720	12480 - 18720
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	14450 - 19550	15300 - 20700	15300 - 20700
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€2,540	€1,797	€2,540
Dx-coil controller(s)	TCB-IFDMX01UP-E	€1,486	€743	€1,486
Dx-Valve kit(s)		€1,054	€1,054	€1,054
Interface/Valve Retail Price		€3,170	€2,112	€3,170
Dx-coil controller	TCB-IFDMR01UP-E	€2,116	€1,058	€2,116
Dx-Valve kit(s)		€1,054	€1,054	€1,054
Outdoor Combinations	HP	18+16	18+18	18+18
Outdoor Compatibility Control	TA	SMMSu/SHRMε	SMMSu/SHRMε	SMMSu/SHRMε
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	2	1	2
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	2	2	2
HEX circuit(s) Interlaced, Split face	No.	2	1	2
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	95.4	100.8	100.8
Rated Heating Capacity	kW	95.4	100.8	100.8
Air Volume	m3/hr	11670 - 17610	12480 - 18720	12480 - 18720
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	14450 - 19550	15300 - 20700	15300 - 20700
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications

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VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€3,810	€3,810	€3,810
Dx-coil controller(s)	TCB-IFDMX01UP-E	€2,229	€2,229	€2,229
Dx-Valve kit(s)		€1,581	€1,581	€1,581
Interface/Valve Retail Price		€4,755	€4,755	€4,755
Dx-coil controller	TCB-IFDMR01UP-E	€3,174	€3,174	€3,174
Dx-Valve kit(s)		€1,581	€1,581	€1,581
Outdoor Combinations	HP	20+18	20+20	20+20
Outdoor Compatibility Control	TA	SMMSu/SHRMe	SMMSu/SHRMe	SMMSu/SHRMe
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	2	1	2
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	2	2	2
HEX circuit(s) Interlaced, Split face	No.	2	1	2
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	106.4	112.0	112.0
Rated Heating Capacity	kW	106.4	112.0	112.0
Air Volume	m3/hr	13030 - 19650	13440 - 21160	13440 - 21160
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	16150 - 21850	17000 - 23000	17000 - 23000
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€3,594	€3,810	€3,810
Dx-coil controller(s)	TCB-IFDMX01UP-E	€1,486	€2,229	€2,229
Dx-Valve kit(s)		€2,108	€1,581	€1,581
Interface/Valve Retail Price		€4,224	€4,755	€4,755
Dx-coil controller	TCB-IFDMR01UP-E	€2,116	€3,174	€3,174
Dx-Valve kit(s)		€2,108	€1,581	€1,581
Outdoor Combinations	HP	14+14+14	16+14+14	16+16+14
Outdoor Compatibility Control	TA	SMMSu/SHRMε	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	3	3	3
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	3	3	3
HEX circuit(s) Interlaced, Split face	No.	3	3	3
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	120.0	125.0	130.0
Rated Heating Capacity	kW	120.0	125.0	130.0
Air Volume	m3/hr	14380 - 21690	15050 - 22710	15730 - 23730
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	17850 - 24150	18700 - 25300	19550 - 26450
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications

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VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€3,810	€3,810	€3,594
Dx-coil controller(s)	TCB-IFDMX01UP-E	€2,229	€2,229	€1,486
Dx-Valve kit(s)		€1,581	€1,581	€2,108
Interface/Valve Retail Price		€4,755	€4,755	€4,224
Dx-coil controller	TCB-IFDMR01UP-E	€3,174	€3,174	€2,116
Dx-Valve kit(s)		€1,581	€1,581	€2,108
Outdoor Combinations	HP	24+24	16+16+16	18+16+16
Outdoor Compatibility Control	TA	SMMSu	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	2	3	3
RBM-A101UPVA-E Dx-Valve kit(s)	No.	4	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	-	3	3
HEX circuit(s) Interlaced, Split face	No.	2	3	3
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	134.0	135.0	140.4
Rated Heating Capacity	kW	134.0	135.0	140.4
Air Volume	m3/hr	16320 - 24480	16320 - 24480	17080 - 25760
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	20400 - 27600	20400 - 27600	21250 - 28750
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€3,810	€5,080	€3,810
Dx-coil controller(s)	TCB-IFDMX01UP-E	€2,229	€2,972	€2,229
Dx-Valve kit(s)		€1,581	€2,108	€1,581
Interface/Valve Retail Price		€4,755	€6,340	€4,755
Dx-coil controller	TCB-IFDMR01UP-E	€3,174	€4,232	€3,174
Dx-Valve kit(s)		€1,581	€2,108	€1,581
Outdoor Combinations	HP	18+18+16	18+18+18	14+14+14+14
Outdoor Compatibility Control	TA	SMMSu	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	3	3	2
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	3	3	4
HEX circuit(s) Interlaced, Split face	No.	3	3	2
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	145.8	151.2	160.0
Rated Heating Capacity	kW	145.8	151.2	160.0
Air Volume	m3/hr	17760 - 26780	18720 - 28080	19110 - 28820
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	22100 - 29900	22950 - 31050	23800 - 32200
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications

TOSHIBA



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€3,810	€5,080	€3,594
Dx-coil controller(s)	TCB-IFDMX01UP-E	€2,229	€2,972	€1,486
Dx-Valve kit(s)		€1,581	€2,108	€2,108
Interface/Valve Retail Price		€4,755	€6,340	€4,224
Dx-coil controller	TCB-IFDMR01UP-E	€3,174	€4,232	€2,116
Dx-Valve kit(s)		€1,581	€2,108	€2,108
Outdoor Combinations	HP	20+18+18	14+14+14+14	20+20+18
Outdoor Compatibility Control	TA	SMMSu	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	3	4	3
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	3	4	3
HEX circuit(s) Interlaced, Split face	No.	3	4	3
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	156.8	160.0	162.4
Rated Heating Capacity	kW	156.8	160.0	162.4
Air Volume	m3/hr	19110 - 28820	19110 - 28820	19780 - 29840
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	23800 - 32200	23800 - 32200	24650 - 33350
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€5,080	€5,080	€5,080
Dx-coil controller(s)	TCB-IFDMX01UP-E	€2,972	€2,972	€2,972
Dx-Valve kit(s)		€2,108	€2,108	€2,108
Interface/Valve Retail Price		€6,340	€6,340	€6,340
Dx-coil controller	TCB-IFDMR01UP-E	€4,232	€4,232	€4,232
Dx-Valve kit(s)		€2,108	€2,108	€2,108
Outdoor Combinations	HP	20+20+20	16+16+16+14	16+16+16+16
Outdoor Compatibility Control	TA	SMMSu	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	3	4	2
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	3	4	4
HEX circuit(s) Interlaced, Split face	No.	3	4	2
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	168.0	175.0	180.0
Rated Heating Capacity	kW	168.0	175.0	180.0
Air Volume	m3/hr	20160 - 30240	21140 - 31880	21810 - 32900
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	25500 - 34500	26350 - 35650	27200 - 36800
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications

TOSHIBA



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€5,080	€3,594	€5,080
Dx-coil controller(s)	TCB-IFDMX01UP-E	€2,972	€1,486	€2,972
Dx-Valve kit(s)		€2,108	€2,108	€2,108
Interface/Valve Retail Price		€6,340	€4,224	€6,340
Dx-coil controller	TCB-IFDMR01UP-E	€4,232	€2,116	€4,232
Dx-Valve kit(s)		€2,108	€2,108	€2,108
Outdoor Combinations	HP	16+16+16+16	18+16+16+16	18+18+16+16
Outdoor Compatibility Control	TA	SMMSu	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	4	4	4
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	4	4	4
HEX circuit(s) Interlaced, Split face	No.	4	4	4
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	180.0	185.4	190.8
Rated Heating Capacity	kW	180.0	185.4	190.8
Air Volume	m3/hr	21810 - 32900	22490 - 33920	23160 - 34940
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	27200 - 36800	28050 - 37950	28900 - 39100
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		£4,416	£3,124	£4,416
Dx-coil controller(s)	TCB-IFDMX01UP-E	£2,584	£1,292	£2,584
Dx-Valve kit(s)		£1,832	£1,832	£1,832
Interface/Valve Retail Price		£5,512	£3,672	£5,512
Dx-coil controller	TCB-IFDMR01UP-E	£3,680	£1,840	£3,680
Dx-Valve kit(s)		£1,832	£1,832	£1,832
Outdoor Combinations	HP	18+18+18+16	18+18+18+18	18+18+18+18
Outdoor Compatibility Control	TA	SMMSu	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	4	2	4
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	4	4	4
HEX circuit(s) Interlaced, Split face	No.	4	2	4
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	196.2	201.6	201.6
Rated Heating Capacity	kW	196.2	201.6	201.6
Air Volume	m3/hr	23840 - 35960	24520 - 36980	24520 - 36980
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	29750 - 40250	30600 - 41400	30600 - 41400
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications

TOSHIBA



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		£4,416	£4,416	£4,416
Dx-coil controller(s)	TCB-IFDMX01UP-E	£2,584	£2,584	£2,584
Dx-Valve kit(s)		£1,832	£1,832	£1,832
Interface/Valve Retail Price		£5,512	£5,512	£5,512
Dx-coil controller	TCB-IFDMR01UP-E	£3,680	£3,680	£3,680
Dx-Valve kit(s)		£1,832	£1,832	£1,832
Outdoor Combinations	HP	20+18+18+18	20+20+18+18	20+20+20+18
Outdoor Compatibility Control	TA	SMMSu	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	4	4	4
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	4	4	4
HEX circuit(s) Interlaced, Split face	No.	4	4	4
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	207.2	212.8	218.4
Rated Heating Capacity	kW	207.2	212.8	218.4
Air Volume	m3/hr	25190 - 38000	25870 - 39010	26540 - 40030
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	31450 - 42550	32300 - 43700	33150 - 44850
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€5,080	€5,080	€5,080
Dx-coil controller(s)	TCB-IFDMX01UP-E	€2,972	€2,972	€2,972
Dx-Valve kit(s)		€2,108	€2,108	€2,108
Interface/Valve Retail Price		€6,340	€6,340	€6,340
Dx-coil controller	TCB-IFDMR01UP-E	€4,232	€4,232	€4,232
Dx-Valve kit(s)		€2,108	€2,108	€2,108
Outdoor Combinations	HP	20+20+20+20	20+20+20+20	18+16+16+ 16+16
Outdoor Compatibility Control	TA	SMMSu	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	2	4	5
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	4	4	5
HEX circuit(s) Interlaced, Split face	No.	2	4	5
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	224.0	224.0	230.4
Rated Heating Capacity	kW	224.0	224.0	230.4
Air Volume	m3/hr	27220 - 41050	27220 - 41050	27890 - 42070
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	34000 - 46000 9.52 - 3/8	34000 - 46000 9.52 - 3/8	34850 - 47150 9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications

TOSHIBA



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€3,594	€5,080	€6,350
Dx-coil controller(s)	TCB-IFDMX01UP-E	€1,486	€2,972	€3,715
Dx-Valve kit(s)		€2,108	€2,108	€2,635
Interface/Valve Retail Price		€4,224	€6,340	€7,925
Dx-coil controller	TCB-IFDMR01UP-E	€2,116	€4,232	€5,290
Dx-Valve kit(s)		€2,108	€2,108	€2,635
Outdoor Combinations	HP	14+14+14+14+14+14	18+18+16+16+16	14+14+14+14+14+14
Outdoor Compatibility Control	TA	SMMSu	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	3	5	6
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	6	6	6
HEX circuit(s) Interlaced, Split face	No.	3	5	6
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	240.0	235.8	240.0
Rated Heating Capacity	kW	240.0	235.8	240.0
Air Volume	m3/hr	28570 - 43090	28570 - 43090	28570 - 43090
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	35700 - 48300	35700 - 48300	35700 - 48300
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€5,391	€6,877	€7,620
Dx-coil controller(s)	TCB-IFDMX01UP-E	€2,229	€3,715	€4,458
Dx-Valve kit(s)		€3,162	€3,162	€3,162
Interface/Valve Retail Price		€6,336	€8,452	€9,510
Dx-coil controller	TCB-IFDMR01UP-E	€3,174	€5,290	€6,348
Dx-Valve kit(s)		€3,162	€3,162	€3,162
Outdoor Combinations	HP	18+18+18+16+16	18+18+18+18+16	18+18+18+18+18
Outdoor Compatibility Control	TA	SMMSu	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	5	5	5
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	5	5	5
HEX circuit(s) Interlaced, Split face	No.	5	5	5
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	241.2	246.6	252.0
Rated Heating Capacity	kW	241.2	246.6	252.0
Air Volume	m3/hr	29250 - 44110	29920 - 45130	30600 - 46150
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	36550 - 49450	37400 - 50600	38250 - 51750
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications

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VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€6,350	€6,350	€6,350
Dx-coil controller(s)	TCB-IFDMX01UP-E	€3,715	€3,715	€3,715
Dx-Valve kit(s)		€2,635	€2,635	€2,635
Interface/Valve Retail Price		€7,925	€7,925	€7,925
Dx-coil controller	TCB-IFDMR01UP-E	€5,290	€5,290	€5,290
Dx-Valve kit(s)		€2,635	€2,635	€2,635
Outdoor Combinations	HP	20+18+18+18+18	20+20+18+18+18	16+16+16+16+16+16
Outdoor Compatibility Control	TA	SMMSu	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	5	5	3
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	5	5	6
HEX circuit(s) Interlaced, Split face	No.	5	5	3
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	257.6	263.2	270.0
Rated Heating Capacity	kW	257.6	263.2	270.0
Air Volume	m3/hr	31270 - 47170	31950 - 48190	32630 - 49210
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	39100 - 52900	39950 - 54050	40800 - 55200
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€6,350	€6,350	€5,391
Dx-coil controller(s)	TCB-IFDMX01UP-E	€3,715	€3,715	€2,229
Dx-Valve kit(s)		€2,635	€2,635	€3,162
Interface/Valve Retail Price		€7,925	€7,925	€6,336
Dx-coil controller	TCB-IFDMR01UP-E	€5,290	€5,290	€3,174
Dx-Valve kit(s)		€2,635	€2,635	€3,162
Outdoor Combinations	HP	20+20+20+18+18	16+16+16+16+16+16	20+20+20+20+18
Outdoor Compatibility Control	TA	SMMSu	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	5	6	5
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	5	6	5
HEX circuit(s) Interlaced, Split face	No.	5	6	5
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	268.8	270.0	274.4
Rated Heating Capacity	kW	268.8	270.0	274.4
Air Volume	m3/hr	32630 - 49210	32630 - 49210	33300 - 50230
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	40800 - 55200	40800 - 55200	41650 - 56350
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications

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VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface /Valve Retail Price		€6,350	€7,620	€6,350
Dx-coil controller(s)	TCB-IFDMX01UP-E	€3,715	€4,458	€3,715
Dx-Valve kit(s)		€2,635	€3,162	€2,635
Interface /Valve Retail Price		€7,925	€9,510	€7,925
Dx-coil controller	TCB-IFDMR01UP-E	€5,290	€6,348	€5,290
Dx-Valve kit(s)		€2,635	€3,162	€2,635
Outdoor Combinations	HP	20+20+20+20+20	18+18+18+16+16+16	18+18+18+18+16+16
Outdoor Compatibility Control	TA	SMMSu	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	5	6	6
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	5	6	6
HEX circuit(s) Interlaced, Split face	No.	5	6	6
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	280.0	286.2	291.6
Rated Heating Capacity	kW	280.0	286.2	291.6
Air Volume	m3/hr	33980 - 51250	34650 - 52270	35330 - 53280
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	42500 - 57500	43350 - 58650	44200 - 59800
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€6,350	€7,620	€7,620
Dx-coil controller(s)	TCB-IFDMX01UP-E	€3,715	€4,458	€4,458
Dx-Valve kit(s)		€2,635	€3,162	€3,162
Interface/Valve Retail Price		€7,925	€9,510	€9,510
Dx-coil controller	TCB-IFDMR01UP-E	€5,290	€6,348	€6,348
Dx-Valve kit(s)		€2,635	€3,162	€3,162
Outdoor Combinations	HP	18+18+18+18+18+16	18+18+18+18+18+18	18+18+18+18+18+18
Outdoor Compatibility Control	TA	SMMSu	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	6	3	6
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	6	6	6
HEX circuit(s) Interlaced, Split face	No.	6	3	6
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	297.0	302.4	302.4
Rated Heating Capacity	kW	297.0	302.4	302.4
Air Volume	m3/hr	36000 - 54300	36680 - 55320	36680 - 55320
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	45050 - 60950	45900 - 62100	45900 - 62100
		9.52 - 3/8	9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications

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VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface /Valve Retail Price		€7,620	€5,391	€7,620
Dx-coil controller(s)	TCB-IFDMX01UP-E	€4,458	€2,229	€4,458
Dx-Valve kit(s)		€3,162	€3,162	€3,162
Interface /Valve Retail Price		€9,510	€6,336	€9,510
Dx-coil controller	TCB-IFDMR01UP-E	€6,348	€3,174	€6,348
Dx-Valve kit(s)		€3,162	€3,162	€3,162
Outdoor Combinations	HP	20+18+18+18+18+18	20+20+18+18+18+18	20+20+20+18+18+18
Outdoor Compatibility Control	TA	SMMSu	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu	SMMSu
Dx-coil controller(s)	No.	6	6	6
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	6	6	6
HEX circuit(s) Interlaced, Split face	No.	6	6	6
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	308.0	313.6	319.2
Rated Heating Capacity	kW	308.0	313.6	319.2
Air Volume	m3/hr	37360 - 56340	38030 - 57360	38710 - 58380
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	46750 - 63250 9.52 - 3/8	47600 - 64400 9.52 - 3/8	48450 - 65550 9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications



VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€7,620	€7,620
Dx-coil controller(s)	TCB-IFDMX01UP-E	€4,458	€4,458
Dx-Valve kit(s)		€3,162	€3,162
Interface/Valve Retail Price		€9,510	€9,510
Dx-coil controller	TCB-IFDMR01UP-E	€6,348	€6,348
Dx-Valve kit(s)		€3,162	€3,162
Outdoor Combinations	HP	20+20+20+20+18+18	20+20+20+20+20+18
Outdoor Compatibility Control	TA	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu
Dx-coil controller(s)	No.	6	6
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	6	6
HEX circuit(s) Interlaced, Split face	No.	6	6
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	324.8	330.4
Rated Heating Capacity	kW	324.8	330.4
Air Volume	m3/hr	39380 - 59400	40060 - 60420
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	49300 - 66700	50150 - 67850
		9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications

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VRF Air Handling Unit Application Single & Multi-Circuit DX Coils (Continued)

Interface/Valve Retail Price		€5,391	€7,620
Dx-coil controller(s)	TCB-IFDMX01UP-E	€2,229	€4,458
Dx-Valve kit(s)		€3,162	€3,162
Interface/Valve Retail Price		€6,336	€9,510
Dx-coil controller	TCB-IFDMR01UP-E	€3,174	€6,348
Dx-Valve kit(s)		€3,162	€3,162
Outdoor Combinations	HP	20+20+20+20+20+20	20+20+20+20+20+20
Outdoor Compatibility Control	TA	SMMSu	SMMSu
	DDC/TF	SMMSu	SMMSu
Dx-coil controller(s)	No.	3	6
RBM-A101UPVA-E Dx-Valve kit(s)	No.	-	-
RBM-A201UPVA-E Dx-Valve kit(s)	No.	6	6
HEX circuit(s) Interlaced, Split face	No.	3	6
Dimensions Dx-coil controller (HxWxD)	mm	420 x 330 x 122	420 x 330 x 122
Dimensions Dx-Valve kit (exc. pipes) (HxWxD)	mm	360 x 209 x 80	360 x 209 x 80
Weight Controller/Valve	kg	4.1/1	4.1/1
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 6	220/240-1-50 & 6
Rated Cooling Capacity	kW	336.0	336.0
Rated Heating Capacity	kW	336.0	336.0
Air Volume	m3/hr	40740 - 61440	40740 - 61440
HEX Coil Volume (min-max) / Diameter	cm3/mm (inch)	51000 - 69000	51000 - 69000
		9.52 - 3/8	9.52 - 3/8
Evaporating Temp./Suction Superheat (Target)	°C/K	6.5/6	6.5/6

Note: Please refer to VRF Dx Coil Interface Design Guide for guidance on performance and specifications



VRF Air Curtains - Free Hanging Unit

Free-Hanging Type	RAV-	CT101CH-M	CT101CH-L	CT151CH-M	CT151CH-L
Indoor Unit Retail Price		€7,045	€7,944	€8,903	€9,361
VRF System Interface (factory-fitted)		MMD-ODH1	MMD-ODH1	MMD-ODH1	MMD-ODH1
Interface Retail Price		€1,239	€1,239	€1,239	€1,239
Indoor/Interface Retail Price		€8,284	€9,183	€10,142	€10,600
Capacity Code	HP	3	3	4	4
Capacity - COP	kW	8 - 2.63	8 - 2.77	11.2 - 2.56	11.2 - 2.93
Standard Air Flow	l/s	444	614	667	819
Standard Air Flow	m3/h	1600	2210	2400	2950
Width	mm	1000	1000	1500	1500
Maximum Height	m	3	3.2	3	3.2
Pressure Level M	dB(A)	54	55	55	56
Dimensions (HxWxD)	mm	260 x 1210 x 490	260 x 1210 x 490	260 x 1710 x 490	260 x 1710 x 490
Weight	kg	48	51	77	80
Flare Connection (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 10

*Delivery charges may apply

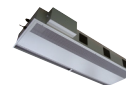
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VRF Air Curtains - Free Hanging Unit (Continued)

Free-Hanging Type	RAV-	CT201CH-M	CT201CH-L	CT251CH-M	CT251CH-L
Indoor Unit Retail Price		€10,201	€11,581	€11,593	€12,131
VRF System Interface (factory-fitted)		MMD-ODH1	MMD-ODH1	MMD-ODH1	MMD-ODH1
Interface Retail Price		€1,239	€1,239	€1,239	€1,239
Indoor/Interface Retail Price		€11,440	€12,820	€12,832	€13,370
Capacity Code	HP	5	5	6	6
Capacity - COP	kW	14 - 2.75	14 - 3.20	16 - 3.27	16 - 3.81
Standard Air Flow	l/s	889	1228	1111	1433
Standard Air Flow	m3/h	3200	4420	4000	5160
Width	mm	2000	2000	2500	2500
Maximum Height	m	3	3.2	3	3.2
Pressure Level M	dB(A)	56	57	57	58
Dimensions (HxWxD)	mm	260 x 2210 x 490	260 x 2210 x 490	260 x 2710 x 490	260 x 2710 x 490
Weight	kg	101	107	132	138
Flare Connection (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 16	220/240-1-50 & 16	220/240-1-50 & 16

*Delivery charges may apply

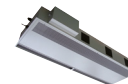


VRF Air Curtains - Cassette Unit

Cassette Type	RAV-	CT101UH-M	CT101UH-L	CT151UH-M	CT151UH-L
Indoor Unit Retail Price		€7,375	€8,464	€8,976	€9,637
VRF System Interface (factory-fitted)		MMD-ODH1	MMD-ODH1	MMD-ODH1	MMD-ODH1
Interface Retail Price		€1,239	€1,239	€1,239	€1,239
Indoor/Interface Retail Price		€8,614	€9,703	€10,215	€10,876
Capacity Code	HP	3	3	4	4
Capacity - COP	kW	8 - 2.63	8 - 2.77	11.2 - 2.56	11.2 - 2.93
Standard Air Flow	l/s	444	614	667	819
Standard Air Flow	m3/h	1600	2210	2400	2950
Width	mm	1000	1000	1500	1500
Maximum Height	m	3	3.2	3	3.2
Pressure Level M	dB(A)	54	55	55	56
Dimensions (HxWxD)	mm	260 x 1050 x 780	260 x 1050 x 780	260 x 1550 x 780	260 x 1550 x 780
Weight	kg	40	43	95	98
Flare Connection (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 10

*Delivery charges may apply

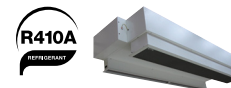
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VRF Air Curtains - Cassette Unit

Cassette Type	RAV-	CT201UH-M	CT201UH-L	CT251UH-M	CT251UH-L
Indoor Unit Retail Price		€10,348	€11,671	€11,678	€12,924
VRF System Interface (factory-fitted)		MMD-ODH1	MMD-ODH1	MMD-ODH1	MMD-ODH1
Interface Retail Price		€1,239	€1,239	€1,239	€1,239
Indoor/Interface Retail Price		€11,587	€12,910	€12,917	€14,163
Capacity Code	HP	5	5	6	6
Capacity - COP	kW	14 - 2.75	14 - 3.20	16 - 3.27	16 - 3.81
Standard Air Flow	l/s	889	1228	1111	1433
Standard Air Flow	m3/h	3200	4420	4000	5160
Width	mm	2000	2000	2500	2500
Maximum Height	m	3	3.2	3	3.2
Pressure Level M	dB(A)	56	57	57	58
Dimensions (HxWxD)	mm	260 x 2050 x 780	260 x 2050 x 780	260 x 2550 x 780	260 x 2550 x 780
Weight	kg	99	105	120	126
Flare Connection (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 16

*Delivery charges may apply



VRF Air Curtains - Built-in Unit

Free-Hanging Type	RAV-	CT101BH-M	CT101BH-L	CT151BH-M
Indoor Unit Retail Price		€8,213	€8,278	€9,883
VRF System Interface (factory-fitted)		MMD-ODH1	MMD-ODH1	MMD-ODH1
Interface Retail Price		€1,239	€1,239	€1,239
Indoor/Interface Retail Price		€9,452	€9,517	€11,122
Capacity Code	HP	3	3	4
Capacity - COP	kW	8 - 2.63	8 - 2.77	11.2 - 2.56
Standard Air Flow	l/s	444	614	667
Standard Air Flow	m3/h	1600	2210	2400
Width	mm	1000	1000	1500
Maximum Height	m	3	3.2	3
Pressure Level M	dB(A)	54	55	55
Dimensions (HxWxD)	mm	405-485 x 1105 x 720	405-485 x 1105 x 720	405-485 x 1605 x 720
Weight	kg	71	74	105
Flare Connection (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 10

*Delivery charges may apply

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VRF Air Curtains - Built-in Unit (Continued)

Free-Hanging Type	RAV-	CT151BH-L	CT201BH-M	CT201BH-L
Indoor Unit Retail Price		€10,337	€10,772	€11,808
VRF System Interface (factory-fitted)		MMD-ODH1	MMD-ODH1	MMD-ODH1
Interface Retail Price		€1,239	€1,239	€1,239
Indoor/Interface Retail Price		€11,576	€12,011	€13,047
Capacity Code	HP	4	5	5
Capacity - COP	kW	11.2 - 2.93	14 - 2.75	14 - 3.20
Standard Air Flow	l/s	819	889	1228
Standard Air Flow	m3/h	2950	3200	4420
Width	mm	1500	2000	2000
Maximum Height	m	3.2	3	3.2
Pressure Level M	dB(A)	56	56	57
Dimensions (HxWxD)	mm	405-485 x 1605 x 720	405-485 x 2105 x 720	405-485 x 2105 x 720
Weight	kg	108	129	135
Flare Connection (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 10	220/240-1-50 & 10

*Delivery charges may apply

VRF Air Curtains - Built-in Unit (Continued)

Free-Hanging Type	RAV-	CT251BH-M	CT251BH-L
Indoor Unit Retail Price		€12,195	€13,325
VRF System Interface (factory-fitted)		MMD-ODH1	MMD-ODH1
Interface Retail Price		€1,239	€1,239
Indoor/Interface Retail Price		€13,434	€14,564
Capacity Code	HP	6	6
Capacity - COP	kW	16 - 3.27	16 - 3.81
Standard Air Flow	l/s	1111	1433
Standard Air Flow	m3/h	4000	5160
Width	mm	2500	2500
Maximum Height	m	3	3.2
Pressure Level M	dB(A)	57	58
Dimensions (HxWxD)	mm	405-485 x 2605 x 720	405-485 x 2605 x 720
Weight	kg	170	176
Flare Connection (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
Suggested Power & Fuse rating	V-ph-Hz & A	220/240-1-50 & 10	220/240-1-50 & 16

*Delivery charges may apply

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VRF Accessories

VRF Accessories	Model	Description	Price
Wireless Controller/Receiver Kit's			
Wireless Controller/Receiver Kit's	RBC-AX41U(W)-E	Wireless Receiver Kit for 4-Way Cassette	€220
	RBC-AX33UYP-E	Wireless Receiver Kit for 1-Way Cassette	€66
	RBC-AXU31C-E	Wireless Remote Controller Kit - Ceiling	€283
	RBC-AXU31-E	Wireless Remote Controller Kit - Others (Exclude High Static Duct)	€365
	RBC-AXU31U-E	Wireless Receiver Kit for 4-Way Cassette	€259
	RBC-AXU32UP-E	Wireless Receiver Kit for 4-Way Cassette	€259
	RBC-AXU31UM-E	Wireless Receiver Kit for Compact Cassette	€167
	RBC-AXU31UW-E	Wireless Receiver Kit for 2-Way Cassette	€305
	RBC-AXU31UMP-E	Wireless Remote Controller Kit for compact 4way White	€152
	RBC-AXU31UMPB-E	Wireless Remote Controller Kit for compact 4-way Black	€166
	RBC-AXU33UP-E	Wireless Receiver Kit for 4-Way Cassette (Compatible with MMU-UP_1HP-E & RAV-HM_1UTP-E)	€182
	RBC-AXU33UPB-E	Wireless Remote Controller kit (IR receiver + handset), Black colour	€199
Controller Wired			
Controller Wired	RBC-AS41E	Simplified Remote Controller	€122
	RBC-ASCU11-E	Compact Remote Controller	€87
	RBC-ASCU32Y-E	Compact Remote Controller	€87
	RBC-AMT32E	Standard Remote Controller	€92
	RBC-AMTU31-E	Standard Remote Controller	€101
	RBC-AMS41E	Standard Remote Controller C/W 24/7 Schedule Timer	€112
	RBC-AMSU52-E	Premium Remote Controller C/W 24/7 Schedule Timer	€179
	RBC-AWSU52-E	Premium Remote Controller C/W 24/7 Schedule Timer + Bluetooth	€206
	RBC-MTSC1	Mini Touch Screen Controller	€334
	RBC-MTSC2	Mini Touch Screen Controller C/W Schedule Timer	€396
Central Controller Wired			
Central Controller Wired	BMS-CT1280E	Touch Screen Controller	€4,817
	BMS-CT2560U-E	256 Touch Screen Controller (Multi Language)	€5,334
	BMS-CT5121E	Touch Screen Controller	€6,593
	RBC-BP2	Black Pear BMS Controller	€5,259
	RBC-BPB1	Black Pear Controller For BACnet	€4,892
	RBC-BPM1	Black Pear Controller For Modbus	€4,892
	RBC-BPT1	Black Pear Controller For Trend	€4,892

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VRF Accessories

VRF Accessories	Model	Description	Price
Central Controller Wired(Continued)			
Central Controller Wired (Continued)	RBC-TBPUTS	Toshiba Black Pear Touchscreen 64/(128 TU2C link Only) ID Units	€4,025
	RBC-TBPUTSBC	Back box for Smart Touch (RBC-TBPUTS)	€292
	TCB-SC640U-E	64 Central Remote Controller	€1,202
	RBC-II2	Interactive Intelligence (Embedded)	€2,996
	RBC-II2MB1	II2 Mounting Enclosure (Main)	€687
	RBC-II2MB2	II2 Mounting Enclosure (Sub)	€292
Control Panel			
Control Panel	RBC-AC1	Unit Auto Change Over With Temperature High Limit Stat (1 Run/1 Standby)	€2,079
	RBC-AC2	Unit Auto Change Over With Temperature High Limit Stat (2 Run/1 Standby)	€2,421
	RBC-AM1E	Remote Controller	€193
	RBC-EM1-PE	Energy Monitoring Kit	€1,547
Indoor Interface			
Indoor Interface	BMS-IFKX0TLR-E	KNX interface for LC-VRF	€605
	BMS-IFLSV4E	TCS-Net Relay Interface	€1,143
	BMS-IFMB0TLR-E	Modbus interface for LC-VRF	€506
	BMS-IFMB0UEW-E	MODBUS CONTROLLER FOR ESTIA R32	€570
	BMS-IFMB1280U-E	Modbus Interface	€2,277
	BMS-WB2561PWE	Web Server/Gateway Server Connection Of Up To 256 Indoor Units	€4,716
	MMD-ODH1	VRF Air Curtain Accessory Kit	€1,239
	RBC-AVS2	Averaging Sensors	€225
	RBC-AVS3	Averaging Sensors	€250
	RBC-AVS4	Averaging Sensors	€266
	RBC-SMF1	Enables Control Of External Fans	€75
	RBC-SMIM2	Indicator Module For Unit In Heating Mode, Cooling Mode Or Fan	€110
	RBC-SMIM3	Indicator Module For Stopping Fault And Unit Run	€105
	RBC-SMIM4	Indicator Module For Stopping Fault, Unit Run inc. External Start/Stop & Control Lock	€116
	BMS-IWF0010UCP-E	WI-FI interface for LC & VRF	€228
	RBC-TSI1	Monitoring & Control Interface For VRF & DI/SDI	€382
	RBC-TXIO	Input/Output Interface For Third Party Equipment	€466
	RB-I301-E	Leak Detection Sensor Kit	€227

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VRF Accessories

VRF Accessories	Model	Description	Price
Indoor Interface (Continued)			
Indoor Interface (Continued)	TCB-ADCN510UP-E	4-Way Cassette Fascia Panel Adapter	€54
	TCB-IFCB5-PE	Window Switch & Remote ON/OFF	€37
	TCB-PSMT1E	Multi-tenant Kit for VRF Systems	€338
	TCB-PX100-PE	Enclosure For The Window Switch Remote ON/OFF	€26
Indoor Interface Lead			
Indoor Interface Lead	RBC-TAEX1	Extension Sensor TA	€48
	RBC-CBK15FE	15m Long Extension Cable Including	€125
	RBC-CN61CIMC	CN61 5 M Lead	€35
	RBC-FSEX15	15M Extension Cable For FS	€151
	RBC-IT4-PE	Timer For DI/SDI	€179
	RBC-SMCN61	Interface Lead For ON/OFF And Unit Remote Controller Lock	€14
	RBC-SMT1	Timer Interface Lead	€14
	TCB-KBCN32VEE	Connector For CN 32	€231
	TCB-KBCN60OPE	Connector For CN 60	€453
	TCB-KBCN61HAE	Connector For CN 61	€460
	TCB-KBCN70OAE	Connector For CN 70	€225
	TCB-KBCN73DEE	Connector For CN 73	€228
	TCB-KBCN80EXE	Connector For CN 80	€235
Interface			
Interface	BMS-IFDD03E	Digital I/O Relay Interface	€791
	BMS-IFWH5E	Energy Monitoring Relay Interface	€748
	RBC-DI1-PE	Digital Input/Output Module (Di160)	€472
	RBC-IT2-PE	Timer Interface For R407C Equipment	€168
	TCB-DK01SS-E	Dyna Doctor Hardware	€2,467
	TCB-IFCB640TLE	Analog Interface	€2,446
	TCB-IFCG1TLE	General Purpose Interface	€2,446
	TCB-IFLN642TLE	LonWorks Gateway,	€1,870

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VRF Accessories

VRF Accessories	Model	Description	Price
Interface (Continued)			
Interface (Continued)	TCB-PCUC2E	Application Control Kit	€176
	TCB-PX40MUME	Control Box Enclosure For Interface PCB's	€100
Occupancy Sensor			
Occupancy Sensor	TCB-SIR33UP-E	Occupancy Sensor Kit (Compatible with MMU-UP_1HP-E & RAV-HM_1UTP-E)	€104
	TCB-SIR41U-E	Occupancy Sensor (Smart Cassettes)	€120
	TCB-SIR41UM-E	Occupancy Sensor (New 7 Series Compact Cassettes)	€120
	TCB-SIR41UYP-E	Occupancy Sensor (1-Way cassette)	€104
Remote Sensor			
Remote Sensor	TCB-TC41U-E	Remote Sensor	€109
Air Discharge, Filtration & Inlet			
Air Discharge, Filtration & Inlet	RBC-VCK1	Ducted Vertical Conversion Kit	€768
	RBM-FGUS1P-E	Fin Guard Option Kit (08~14HP)	€259
	RBM-FGUM1P-E	Fin Guard Option Kit (16~24HP)	€288
	TCB-BC1602UE	4 Way Cassette Air Discharge Direction Kit (Suit 31PG)	€95
	TCB-FF101URE2	Fresh Air Connection Spigot Kit (New 7 Series Compact Cassettes)	€67
	TCB-FF151US-E	Auxiliary Fresh Air Flange	€81
	TCB-SF160C6BPE	Discharge spigots for LC/VRF Ducted 4.0-6.0 HP	€250
	TCB-SF56C6BPE	Discharge spigots for LC/VRF Ducted 1.5-2.0 HP	€166
	TCB-SF80C6BPE	Discharge spigots for LC/VRF Ducted 3.0 HP	€196
	TCB-TDL0141SDY-E	3D Diffusor Slim Duct	€178
	TCB-TDL0181SDY-E	3D Diffusor Slim Duct	€200
	TCB-TDL0271SDY-E	3D Diffusor Slim Duct	€230
	TCB-EAPC1UHP-E	Air Purifier Kit 4-Way Cassette (Heating RC + PURE Button)	€1,258
	TCB-EAPC1UYHP-E	Air Purifier Kit 1-Way Cassette	€252
	TCB-FC0481DF-E	Filter Chamber (48)	€657
	TCB-FC1281DF-E	Filter Chamber (72-128)	€1,102
	TCB-FC1403UW-E	Filter Chamber (*0362-0562)	€930
	TCB-FC283UW-E	Filter Chamber (*0072-0152)	€554
	TCB-FC803UW-E	Filter Chamber (*0182-0302)	€794
	TCB-GB1601UE2	Fresh-Air Inlet Box	€91

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VRF Accessories

VRF Accessories	Model	Description	Price
Air Discharge, Filtration & Inlet (Continued)			
Air Discharge, Filtration & Inlet (Continued)	TCB-GB1602UE	Fresh Air Inlet Box	€95
	TCB-GB1602UE2	Fresh Air Inlet Box	€79
	TCB-GFC1601UE2	Fresh-Air & Filter Chamber	€420
	TCB-GFC1602UE2	Fresh Air & Filter Chamber	€208
	TCB-LF1403UW-E	Super Long Life Pre-Filter (*0362-0562)	€691
	TCB-LF283UW-E	Super Long Life Pre-Filter (*0072-0152)	€394
	TCB-LF803UW-E	Super Long Life Pre-Filter (*0182-0302)	€645
	TCB-LK1401D-E	Long Life Filter Kit For MMD-*036_056#HP-E	€108
	TCB-LK2801DP-E	Long Life Filter Kit For MMD-*072_096#HP-E	€166
	TCB-LK801D-E	Long Life Filter Kit For MMD-*018_027#HP-E	€84
	TCB-PLFC1UPE-120	PM2.5 After Pre-filter 4-Way Cassette	€1,880
	TCB-PLFC2UPE-80	PM2.5 Before Pre-filter 4-Way Cassette	€2,390
	TCB-UFH0481D-E	High Efficiency Filter 90% (48)	€651
	TCB-UFH1281D-E	High Efficiency Filter 90% (72-128)	€929
	TCB-UFM0481D-E	High Efficiency Filter 65% (48)	€647
	TCB-UFM1281D-E	High Efficiency Filter 65% (72-128)	€873
	TCB-SP1602UE	4-Way Cassette Spacer Height Adjustment For RBC-U32/U33P-E	€253
Pulse Modulating Valve Kit			
Pulse Modulating Valve Kit	RBM-PMV0361U-E	VRF 2-Pipe Valve Kit (models 3~12)	€273
	RBM-PMV0901U-E	VRF 2-Pipe Valve Kit (models 15~24)	€314
R32 Leak Detection			
R32 Leak Detection	RBM-SV1121HUPE	Shut-off Valve Box Below 11.2kW	€913
	RBM-SV1801HUPE	Shut-off Valve Box 11.2 to Below 18.0kW	€1,024
	RBM-SV6701HUPE	Shut-off Valve Box 18.0 to 67.0kW or less	€1,826
	TCB-BT1UPE	Battery Kit for Shut-off Valve and Flow Selector Box	€312
	TCB-LD1UPE	Leak Detector for SHRM-a	€329
	RBC-VRFR32AK	EN378 Indoor Unit Interface Kit	€130
	RBC-VRFR32CN80	EN378 FS Box Interface Kit	€331

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VRF Accessories

VRF Accessories	Model	Description	Price
R410a Leak Detection	R410a Leak Detection		
	RBC-RCS1	Room Leak Detection Concentration Sensor With White Faceplate	€561
	RBC-RCS2	Room Leak Detection Concentration Sensor With Stainless Steel Faceplate	€581
	RBC-RD3-PE	Refrigerant - additional charge Leak Detector (Indoor Unit)	€599
	RBC-RD6-PE	Refrigerant - additional charge Leak Detector (Outdoor Unit)	€8,434
	RBC-RI1	Room Indicator For Use With RBC-RP1 (Legrand Graphite) Currently Grey	€108
	RBC-LDCIMC	Leak Detection 15M Lead	€67
	RBC-RP1	Repeater Panel C/W Battery Back Up	€1,935
	RBC-TSRP1	Repeater Panel (for use with RBC-TBPTS)	€904
	TCB-AW17861	Leak Detection, Isolation Valve (12.0 mm - 1/2")	€407
	TCB-AW17862	Leak Detection, Isolation Valve (15.9 mm - 5/8")	€407
	TCB-AW17863	Leak Detection, Isolation Valve (19.0 mm - 3/4")	€443
	TCB-AW17864	Leak Detection, Isolation Valve (22.2mm - 7/8")	€484
	TCB-AW17865	Leak Detection, Isolation Valve (28.6mm - 1,1/8")	€667
	TCB-AW17866	Leak Detection, Isolation Valve (34.9mm - 1,3/8")	€700
	TCB-AW17867	Leak Detection, Isolation Valve (41.3mm - 1,5/8")	€726
	TCB-LD12V	Room Leak Detection Transformer 12v & Cable Kit (use with TCB-LDS1 & TCB-LDS2)	€233
	TCB-LD2	Leak Detection For SMMSe/SHRMe (No Valves)	€1,969
	TCB-LD2UK	Leak Detection For SMMSe/SHRMe (No Valves)	€2,551
	TCB-LDS1	Room Leak Detection With White Faceplate (requires Remote 12v Transformer)	€561
	TCB-LDS1BLK	Room Leak Detection With Black Faceplate (requires Remote 12v Transformer)	€505
	TCB-LDS2	Room Leak Detection With Stainless Steel Faceplate (requires Remote 12v Transformer)	€581
	RBC-TQ31	Room Leak Detector (With CN80 Cable)	€476
	RBC-TQ32-32	Area Alarm Panel - 32 Channels	€2,684
	RBC-TQ32-64	Area Alarm Panel - 64 Channels	€3,049
	RBC-TQ35	Central Alarm Panel (Combine upto 16 Area alarm panels)	€2,318
Outdoor Interface	Outdoor Interface		
	TCB-IFCB-4E2	Remote Location ON/OFF Control Box	€390
	TCB-IFDES1001P-E	Optional sensor (10m lead wire) for new VRF DX-Kit Interface	€138
	TCB-PCDM4E	Power Peak-Cut Control Board (SMMS/SHRM)	€139
	TCB-PCIN4E	Error Output Control Board (SMMS/SHRM)	€152

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VRF Accessories

VRF Accessories	Model	Description	Price
Outdoor Interface (Continued)			
Outdoor Interface (Continued)	TCB-PCMO4E	External Input PCB	€107
	TCB-SS1UU-E	Link Adapter with 8GB MicroSD Card	€2,893
Header Joints			
Header Joints	RBM-HY1043E	4 Way Header 2 Pipe < 14.2	€232
	RBM-HY1083E	8 Way Header 2 Pipe < 14.2	€397
	RBM-HY2043E	4 Way Header 2 Pipe < 14.2-25.2hp	€255
	RBM-HY2083E	8 Way Header 2 Pipe < 14.2-25.2hp	€435
	RBM-HY1043FE	4 Way Header 3 Pipe < 14.2	€305
	RBM-HY1083FE	8 Way Header 3 Pipe < 14.2	€486
	RBM-HY2043FE	4 Way Header 3 Pipe < 14.2-25.2hp	€399
	RBM-HY2083FE	8 Way Header 3 Pipe < 14.2-25.2hp	€495
Branch Joints			
Branch Joints	RBM-BT14E	Y-Connector <26HP (SMMS)	€224
	RBM-BT24E	Y-Connector >26HP (SMMS)	€265
	RBM-BT34E	Y-Connector >46hp	€370
	RBM-BY105E	Y Joint 2 Pipe < 6.4-14.2hp	€93
	RBM-BY205E	Y Joint 2 Pipe < 14.2-25.2hp	€159
	RBM-BY305E	Y Joint 2 Pipe 25.2hp	€245
	RBM-BY405E	Y Joint 2 Pipe 61.2hp	€328
	RBM-BY55E	Y Joint 2 Pipe < 6.4hp	€83
	RBM-BT14FE	Y-Connector <26HP (SHRM)	€202
	RBM-BT24FE	Y-Connector >26HP (SHRM)	€308
	RBM-BY105FE	Y Joint 3 Pipe < 6.4-14.2hp	€148
	RBM-BY205FE	Y Joint 3 Pipe < 14.2-25.2hp	€244
	RBM-BY305FE	Y Joint 3 Pipe 25.2hp	€361
	RBM-BY55FE	Y Joint 3 Pipe < 6.4hp	€115
Condensate			
Condensate	TCB-DP22CE2	Drain Up Kits For DI Ceiling FCU	€320
	TCB-DP31CE	Drain Pump For DI Ceiling	€350
	TCB-DP31HEXE	Drain Pump Kit	€866

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VRF Accessories

VRF Accessories	Model	Description	Price
Condensate (Continued)			
Condensate	TCB-DP40DFP-E	Drain Pump Kit (Lift up to 330 mm)	€511
	TCB-DP40DPE	Drain Pump Kit (MMD-*0726 To 0966HP-E)	€511
	TCB-KP14CPE	Ceiling Suspended Elbow Piping Kit (1.5-2.0hp)	€98
	TCB-KP22CE2	Elbow Piping Kit (*0241-0481)	€123
	TCB-KP24CPE	Ceiling Suspended Elbow Piping Kit (2.5-5.0hp)	€117
Anti-Corrosion Coating			
Anti-Corrosion Coating*	CACC-VRF	VRF Module Unit Coil Anti-Corrosion Coating	€937
	CACC-VRF1	VRF Large Module Unit Coil Anti-Corrosion Coatings	€1,287
	CACC-VRF2	VRF Extra-Large Module Unit Anti-Corrosion Coatings	€1,521
Painted Finish			
Painted Finish*	Paint-Ducted 07-18	Painted Ducted Unit Chassis	€564
	Paint-Ducted 24-30	Painted Ducted Unit Chassis	€643
	Paint-Ducted 36-56	Painted Ducted Unit Chassis	€725
	Paint-High Wall 56-80	Painted High Wall Unit Fascia	€383
	PAINT-U21FP	Painted Compact Cassette Fascia Panel	€365
	PAINT-U31FP	Painted 4-Way Cassette Fascia Panel	€365
Split Case/Sections			
Split Case/Sections	TTS-VRFSD-ML	VRF Strip Down On UK Mainland (Excludes SHRM-Advance)	€5,419
	TTS-VRFSD-MLF	Full VRF Strip Down On UK Mainland (Excludes SHRM-Advance)	€8,622
	TTS-VRFSD-OS	VRF Strip Down On Non-UK Mainland (Excludes SHRM-Advance)	€7,207
	TTS-VRFSD-OSF	Full VRF Strip Down On Non-UK Mainland (Excludes SHRM-Advance)	€10,186
Site Services			
Site Services**	TTS-HVACC	HVAC Commissioning	TBA
	TTS-HVACM	HVAC Commissioning (additional charge greater than 75 miles journey)	TBA
	TTS-HVACA	HVAC Commissioning (additional charge overnight accommodation)	TBA
	TTS-HVACS	HVAC Site Visit	TBA
	TTS-HVACF	HVAC Fault Finding	TBA
	TTS-VRFSCA	VRF System Commissioning Assistance	TBA

* Additional delivery charges may apply

** Net price subject to terms and conditions

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AIR-TO-AIR
Heat Exchanger

Air-to-Air Heat Exchangers	Pages
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VN Accessories	326 - 327





Air-to-Air Heat Exchanger Standard Version

Air-to-Air Heat Exchanger	VN-	U00151SY-E	U00251SY-E	U00351SY-E
Unit Retail Price		€1,556	€1,594	€1,832
Operating Range - Around Unit	°C - %RH	-15 to 50 - ≤ 80	-15 to 50 - ≤ 80	-15 to 50 - ≤ 80
Operating Range - Outdoor Air	°C - %RH	-20 to 52 - ≤ 80	-20 to 52 - ≤ 80	-20 to 52 - ≤ 80
Operating Range - Return Air	°C - %RH	5 to 40 - ≤ 80	5 to 40 - ≤ 80	5 to 40 - ≤ 80
Air Volume, Extra High-High-Medium-Low	m3/h	150-120-90-60	250-200-150-100	350-280-210-140
External Static Pressure Extra High-High-Medium-Low	Pa	90-60-43-25	75-53-30-15	160-100-57-26
Sound Pressure Extra High-High-Medium-Low	dB(A)	28-25-22-20	28-27-24-20	34-31-26-21
Temperature Exchange Efficiency (High Air Flow)	%	83.5	80.5	81.5
Enthalpy Exchange Efficiency (High Air Flow)	%	80.0	76.0	76.0
Dimensions (HxWxD)	mm	278x735x778	278x735x778	305x880x880
Weight	kg	29	29	40
Duct Nominal Diameter Supply/Return	mm	100 x 2/100 x 2	150 x 2/150 x 2	150 x 2/150 x 2
Suggested Power Supply (with Heater Kit)	V-ph-Hz & A	220/240-1-50 & 3 (10)	220/240-1-50 & 3 (10)	220/240-1-50 & 6 (16)

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Air-to-Air Heat Exchanger Standard Version (Continued)

Air-to-Air Heat Exchanger	VN-	U00501SY-E	U00651SY-E
Unit Retail Price		€2,223	€2,474
Operating Range - Around Unit	°C - %RH	-15 to 50 - ≤ 80	-15 to 50 - ≤ 80
Operating Range - Outdoor Air	°C - %RH	-20 to 52 - ≤ 80	-20 to 52 - ≤ 80
Operating Range - Return Air	°C - %RH	5 to 40 - ≤ 80	5 to 40 - ≤ 80
Air Volume, Extra High-High-Medium-Low	m3/h	500-400-300-260	650-520-390-260
External Static Pressure Extra High-High-Medium-Low	Pa	125-80-45-35	150-100-58-28
Sound Pressure Extra High-High-Medium-Low	dB(A)	36-31-27-25	39-35-30-24
Temperature Exchange Efficiency (High Air Flow)	%	79.5	77.5
Enthalpy Exchange Efficiency (High Air Flow)	%	74.0	72.0
Dimensions (HxWxD)	mm	337x1020x920	337x1020x920
Weight	kg	47	47
Duct Nominal Diameter Supply/Return	mm	200 x 2/200 x 2	200 x 2/200 x 2
Suggested Power Supply (with Heater Kit)	V-ph-Hz & A	220/240-1-50 & 6 (16)	220/240-1-50 & 6 (16)



Air-to-Air Heat Exchanger Standard Version (Continued)

Air-to-Air Heat Exchanger	VN-	U00801SY-E	U01001SY-E
Unit Retail Price		€2,951	€3,214
Operating Range - Around Unit	°C - %RH	-15 to 50 - ≤ 80	-15 to 50 - ≤ 80
Operating Range - Outdoor Air	°C - %RH	-20 to 52 - ≤ 80	-20 to 52 - ≤ 80
Operating Range - Return Air	°C - %RH	5 to 40 - ≤ 80	5 to 40 - ≤ 80
Air Volume, Extra High-High-Medium-Low	m3/h	800-640-480-320	1000-800-600-400
External Static Pressure Extra High-High-Medium-Low	Pa	145-92-53-22	170-110-60-30
Sound Pressure Extra High-High-Medium-Low	dB(A)	39-35-30-23	41-38-33-24
Temperature Exchange Efficiency (High Air Flow)	%	79.0	78.5
Enthalpy Exchange Efficiency (High Air Flow)	%	74.0	73.0
Dimensions (HxWxD)	mm	386x1230x1130	386x1230x1130
Weight	kg	63	63
Duct Nominal Diameter Supply/Return	mm	250 x 2/250 x 2	250 x 2/250 x 2
Suggested Power Supply (with Heater Kit)	V-ph-Hz- & A	220/240-1-50- 6 (16)	220/240-1-50- 10 (16)

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Air-to-Air Heat Exchanger + DX Coil

Air-to-Air Heat Exchanger	MMD-	UPV0501HY-E	UPV0801HY-E
Indoor Unit Retail Price		€5,297	€6,433
Cooling Capacity	kW	4.10 (1.30)	6.56 (2.06)
Heating Capacity	kW	5.53 (2.33)	8.61 (3.61)
Combinations*		SMMS-U - SHRM-A - SHRM-E	SMMS-U - SHRM-A - SHRM-E
Operating Range - Around Unit	°C - %RH	-15 to 50 - ≤ 80	-15 to 50 - ≤ 80
Operating Range - Outdoor Air	°C - %RH	-20 to 52 - ≤ 80	-20 to 52 - ≤ 80
Operating Range - Return Air	°C - %RH	5 to 40 - ≤ 80	5 to 40 - ≤ 80
Standard Air Flow, High - Medium - Low	m3/h	500 - 430 - 220	800 - 600 - 350
Air Flow Limit Upper - Lower	m3/h	600 - 330	960 - 480
External Static Pressure Extra High - High - Low	Pa	220 - 170 - 35	220 - 130 - 27
Sound Pressure Extra High - High - Low	dB(A)	39.0 - 37.0 - 24.0	43.0 - 38.5 - 23.0
Filtration Efficiency Grade (Collection Effect Weighing Method)	%	82	82
Dimensions (HxWxD)	mm	386 x 1020 x 1360	386 x 1020 x 1593
Weight	kg	83	105
Duct Nominal Diameter Supply/Return	mm	200 x 2/200 x 2	250 x 2/250 x 2
Flare Connection (gas - liquid)	mm	3/8 - 1/4	1/2 - 1/4
Suggested Power Supply (with Heater Kit)	V-ph-Hz & A	220/240-1-50 & 3 (10)	220/240-1-50 & 3 (10)



Air-to-Air Heat Exchanger + DX Coil (Continued)

Air-to-Air Heat Exchanger	MMD-	UPV1001HY-E
Indoor Unit Retail Price		€7,559
Cooling Capacity	kW	8.25 (2.32)
Heating Capacity	kW	10.92 (4.32)
Combinations*		SMMS-U - SHRM-A - SHRM-E
Operating Range - Around Unit	°C - %RH	-15 to 50 - ≤ 80
Operating Range - Outdoor Air	°C - %RH	-20 to 52 - ≤ 80
Operating Range - Return Air	°C - %RH	5 to 40 - ≤ 80
Standard Air Flow, High - Medium - Low	m3/h	950 - 800 - 430
Air Flow Limit Upper - Lower	m3/h	1140 - 640
External Static Pressure Extra High - High - Low	Pa	185 - 160 - 30
Sound Pressure Extra High - High - Low	dB(A)	43.0 - 42.0 - 25.5
Filtration Efficiency Grade (Collection Effect Weighing Method)	%	82
Dimensions (HxWxD)	mm	386 x 1020 x 1593
Weight	kg	105
Duct Nominal Diameter Supply/Return	mm	250 x 2/250 x 2
Flare Connection (gas - liquid)	mm	1/2 - 1/4
Suggested Power Supply (with Heater Kit)	V-ph-Hz & A	220/240-1-50 & 6 (10)

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VN Accessories

VN Accessories	Model	Description	Price
Controller Wired			
Controller Wired	RBC-AMSU52-E	Premium Remote Controller C/W 24/7 Schedule Timer	€179
	NRC-01HE	Remote Controller	€141
Indoor Interface			
Indoor Interface	NRB-1HE	Remote ON/OFF Adapter A2A Heat Exchanger	€141
Indoor Interface Lead			
Indoor Interface Lead	RBC-VNL1	VN Unit Interface Lead	€75
	TCB-KBCN610V-E	Connector for CN610 (pack of 10 pcs)	€120
	TCB-KBCN610V-E1	Connector for CN610	€12
	TCB-KBCN704V-E	Connector for CN704 (pack of 10 pcs)	€184
	TCB-KBCN704V-E1	Connector for CN704	€18
	TCB-KBCN705V-E	Connector for CN705 (pack of 10 pcs)	€102
	TCB-KBCN705V-E1	Connector for CN705	€10
	TCB-KBCN706V-E	Connector for CN706 (pack of 10 pcs)	€120
	TCB-KBCN706V-E1	Connector for CN706	€12
	TCB-KBCN80EXE	Connector For CN 80 (pack of 10 pcs)	€235
	TCB-KBCN80EX-E1	Connector For CN 80	€23

VN Accessories

VN Accessories	Model	Description	Price
Air Discharge, Filtration & Inlet			
Air Discharge, Filtration & Inlet	TCB-PSFC551VSY-E	High Performance Filter (Epm1 55%) (For VN00151 / 00251SY-E)	€81
	TCB-PSFC551VMY-E	High Performance Filter (Epm1 55%) (For VN00351SY-E)	€92
	TCB-PSFC551VLY-E	High Performance Filter (Epm1 55%) (For VN00501 / 00651SY-E)	€125
	TCB-PSFC551VXY-E	High Performance Filter (Epm1 55%) (For VN00801 / 01001SY-E)	€151
Air to Air Heat Exchanger			
Air to Air Heat Exchanger	TCB-SFMCA1V-E	Multi Function Sensor (CO2/PM)-(Compatible with all Model Sizes)	€727
	RBC-VNMC-HE1	Control For VN-U00151/01001SY-E	€420
	RBC-VNMF1-PE	100mm Heater Kit (For VN-U00151SY-E)	€485
	RBC-VNMF2-PE	150mm Heater Kit (For VN-U00251 / 351SY-E)	€498
	RBC-VNMF3-PE	200mm Heater Kit (For VN-U00501 / 650SY-E)	€561
	RBC-VNMF4-PE	250mm Heater Kit (For VN-U00801 / 01001SY-E)	€575
Air to Air Heat Exchanger*	RBC-VNUWPH01	Weatherproof Housing for VN-U0015/VN-U00251/VN-U00351SY-E	€4,980
	RBC-VNUWPH02	Weatherproof Housing for VN-U0501/VN-U0651SY-E	€5,480
	RBC-VNUWPH03	Weatherproof Housing for VN-U0801/VN-U01001SY-E	€5,997

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