

PRICE GUIDE 2021

Split & VRF Air
Conditioning Line Up

FUJITSU GENERAL AIR CONDITIONING (UK) LIMITED

2021 PRICE GUIDE SPLIT & VRF AIR CONDITIONING LINE UP

Notice for specifications

I.U. = Indoor Unit O.U. = Outdoor Unit Qu = Quiet * = Not decided yet

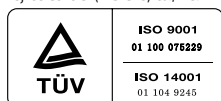
- Specifications and design are subject to change without notice for future improvement.
- For further details, please check with our authorised dealer.
- Cooling/Heating capacities are based on the following conditions.

Cooling	Indoor temp. : 27°C DB/19°C WB Outdoor temp.: 35°C DB/24°C WB	Heating	Indoor temp. : 20°C DB Outdoor temp.: 7°C DB/6°C WB
UK Cooling Conditions	Indoor temp. : 23°C DB/16°C WB Outdoor temp.: 30°C	UK Heating Conditions	Indoor temp. : 20°C DB Outdoor temp.: 0°C DB/-2°C WB

- Performance test is in accordance with EN14511
- Seasonal efficiency test is on accordance with EN14825
- Sound power test is in accordance with EN12102



Fujitsu General (Thailand) Co., Ltd.



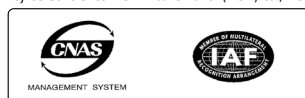
ISO 9001 Certified number: 01 100 075229
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ISO 9001 Certified number: 01 100 79269
ISO 14001 Certified number: CNB312244-UK

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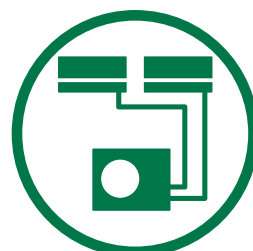


ISO 9001 Certified number: 15917020073RSM
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Single Splits



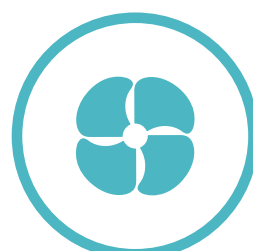
Multi Splits



Mini VRF



Maxi VRF



Ventilation



Controls & Accessories

FUJITSU GENERAL AIR CONDITIONING 2021-22 CONDENSED PRODUCT GUIDE - TABLE OF CONTENTS

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Range	Type	Ref.	Power Supply	Series	Capacity Range	Page	
2021 - 22 Split System Line Up	Wall Mounted	R32	Single Phase	Economy Series Compact & Comfort	KPCA	2.5 to 3.4kW	004
				Economy Series Comfort for Large Room	KLCA	5.2 to 7.1kW	004
				Standard Series High Efficiency & Comfort	KMCC	2.0 to 4.2kW	005
				Standard Series High Efficiency & Large Room	KMTA	5.2 to 9.4kW	005
				Designer Series Cool Beauty Design - White	KETA	2.0 to 4.2kW	006
				Designer Series Cool Beauty Design - Silver	KETA-B	2.0 to 4.2kW	006
				Designer Series High Spec & Design	KGTB	2.0 to 4.2kW	007
	Compact Cassette	R32	Single Phase	Economy Series Compact Cassette	KVLA	2.5 to 6.8kW	008
				Compact 4-way Flow Series Compact & Comfort	KVLA	2.5 to 6.8kW	009
	4 Way Cassette	R32	Single & Three Ph	Economy Range - Circular Flow Cassette	KRLB	5.2 to 13.5kW	010
				Standard Range - Circular Flow Cassette	KRLB	5.2 to 13.4kW	011
	Low Static Ducted	R32	Single Phase	Economy Series Slim Duct	KLLAP	2.5 to 5.2kW	012
				Standard Series Slim Duct	KLLAP	2.5 to 5.2kW	013
	Medium Static Duct	R32	Single & Three Ph	Medium Static Pressure Duct Compact & Comfort	KHTAP	3.5 to 13.4kW	014
				Economy Range Medium Static Pressure Ducted	KMLA	6.0 to 12.1kW	016
				Standard Range Medium Static Pressure Ducted	KMLA	6.0 to 12.1kW	017
	High static Ducted	R32	Single & Three Ph	High Static Pressure Ducted	KHTA	12.1 to 13.4kW	018
		R410A	Single & Three Ph	High Static Pressure Ducted	LHTA	15.0kW	018
			Three Phase	Big Duct	LHTA	19.0 to 22.0kW	019
	Floor Standing	R32	Single Phase	Floor Standing	KVCA	2.6 to 4.2kW	019
	Floor / Ceiling	R410A		Floor / Ceiling Dual Design	LVTA	5.2 to 6.8kW	019
	Ceiling Suspended	R32	Single & Three Ph	Economy Range - Ceiling Suspended	KRTA	6.0 to 13.5kW	020
				Standard Range - Ceiling Suspended	KRTA	5.2 to 13.4kW	021
	Sim Multi's	R32	Single & Three Ph	Twin / Triple Simultaneous Multi's		9.5 to 13.4kW	022
		R410A		Twin / Triple & Double Twin Simultaneous Multi's		10.0 to 14.0kW	023
	Multi Splits	R32	Single Phase	2 - 5 Room Mutli Split Systems		4.0 to 9.5kW	024
		R410A		6 Room Mutli Split Systems		12.5kW	026
Previous Generation Single Split Systems - While Stocks Last	Wall Mounted	R410A	Single Phase	Standard Series High Efficiency & Comfort	LMCE	2.0 to 4.0kW	028
	Cassettes		Single Phase	Compact 4-way Flow Series Compact & Comfort	LVLB/LVLA	3.5 to 6.8kW	028
				Circular Flow Cassette Comfort for Large Room	LRLB	5.2 to 13.3kW	029
				4 Way Cassette for Large Rooms	LRLA	12.5kW	029
	Ducted		Single Phase	Slim Duct	LLTB	3.5 to 5.2kW	030
				Medium Static Ducted	LHTBP	3.5 to 12.1kW	030
				Medium Static Ducted	LMLA	6.8kW to 12.1kW	031
				High Static Pressure Ducted	LHTA	12.5 to 13.4kW	031
	Floor Standing		Single Phase	Floor Standing	LVCA	2.6 to 4.2kW	032
	Ceiling Suspended		Single Phase	Ceiling Suspended	LRTA	12.1kW	032
VRF Systems	Outdoor Units	R410A	Single Phase	J-IVS Heat Pump Outdoors	LCLBH	12.1 to 15.1kW	034
			Single & Three Ph	J-IV Heat Pump Outdoors	LB(E)LBH	12.1 to 15.5kW	034
			Three Phase	J-IVL Heat Pump Outdoors	LELBH	22.4 to 50.0kW	035
				V-III Heat Pump Outdoors 8 to 24 HP	LALBH	22.4 to 68.0kW	036
				V-III Heat Pump Outdoors 26 to 42 HP	LALBH	73.0 to 118.0kW	037
				V-III Heat Pump Outdoors 44 to 54 HP	LALBH	123.0 to 150.0kW	038
				V-III Heat Pump Outdoors - Energy Efficiency	LALBHH	44.8 to 130.0kW	039
				VR-IV Heat Recovery Outdoors 8 to 24 HP	GALBH	22.4 to 67.0kW	040
				VR-IV Heat Recovery Outdoors 26 to 48 HP	GALBH	73.0 to 135.0kW	041
				VR-IV Heat Recovery Outdoors - Energy Efficiency	GALBHH	44.8 to 125.0kW	042
	Indoor Units	Single Phase	Wall Mounted Indoor Units		1.1 to 10.0kW	043	
			Compact Cassette Indoor Units		1.1 to 7.1kW	044	
			4 Way Cassette Indoor Units		2.8 to 14.0kW	044	
			1 Way Flow Cassettes		1.1 to 7.1kW	045	
			Bulkhead Ducted Indoor Units		1.1 to 7.1kW	045	
			Medium Static Ducted Indoor Units		5.6 to 12.5kW	045	
			High Static Ducted Indoor Units		9.0 to 28.0kW	046	
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			VRF Accessories			048	
	Misc	NA	NA	Single Phase	Energy Recovery Ventilation Units & DX Kits		050
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UK Cooling (Total / Sensible) 23°C DB/16°C WB Indoor 30°C Outdoor, UK Heating 20°C Indoor, 0°C Outdoor

2021-22 WALL MOUNTED SPLITS - R32

Economy Series Compact & Comfort - Single Phase



Indoor Unit		ASYG09KPCA	ASYG12KPCA
Outdoor Unit		AOYG09KPCA	AOYG12KPCA
Nominal Cooling Capacity (Range)	kW	2.5 (0.9 - 3.0)	3.4 (0.9 - 3.7)
UK Cooling (Total / Sensible)	kW	2.42 / 1.59	3.29 / 2.14
Nominal Heating Capacity (Range)	kW	2.8 (0.9 - 3.8)	3.8 (0.9 - 4.8)
UK Heating	kW	3.17	3.84
EER Cooling / COP Heating		3.52 / 3.54	3.40 / 3.33
SEER / Energy Efficiency Class - Cooling		6.70 / A++	6.30 / A++
SCOP / Energy Efficiency Class - Heating		4.00 / A+	4.10 / A+
Annual Energy Consumption Cool / Heat	kWh/a	131 / 840	189 / 853
Pdesign Cooling / Heating (-10°C)	kW	2.5 / 2.4	3.4 / 2.5
Indoor Dimensions (H x W x D)	mm	270x784x224	270x784x224
Outdoor Dimensions (H x W x D)	mm	541x663x290	541x663x290
Weight Indoor / Outdoor	kg	8.0 / 23.0	8.0 / 25.0
Sound Pressure Level Indoor - min/max	dB(A)	22 / 45	22 / 46
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 20 (15) / 15	3 - 20 (15) / 15
Additional Refrigerant Charge	g/m	20	20
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		0.55 / 0.371	0.59 / 0.398
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10
Indoor Unit		£231	£263
Remote Controller		IR Included	IR Included
Outdoor Unit		£367	£418
System Price		£598	£681

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

Refer to page 007 for control options

Economy Series Comfort for Large Room - Single Phase



Indoor Unit		ASYG18KLCA	ASYG24KLCA
Outdoor Unit		AOYG18KLCA	AOYG24KLCA
Nominal Cooling Capacity (Range)	kW	5.2(0.9~5.5)	7.1(0.9~7.7)
UK Cooling (Total / Sensible)	kW	4.95 / 3.96	6.80 / 4.63
Nominal Heating Capacity (Range)	kW	6.3(0.6~7.6)	8.0(0.9~9.0)
UK Heating	kW	6.32	8.72
EER Cooling / COP Heating		3.09 / 3.50	2.93 / 3.60
SEER / Energy Efficiency Class - Cooling		7.20 / A++	7.10 / A++
SCOP / Energy Efficiency Class - Heating		4.30 / A+	4.00 / A+
Annual Energy Consumption Cool / Heat	kWh/a	253 / 1563	350 / 2485
Pdesign Cooling / Heating (-10°C)	kW	5.20 / 4.80	7.10 / 7.10
Indoor Dimensions (H x W x D)	mm	293x790x249	293x790x249
Outdoor Dimensions (H x W x D)	mm	542x799x290	632x799x290
Weight Indoor / Outdoor	kg	9.5 / 33.0	10.0 / 38.0
Sound Pressure Level Indoor - min/max	dB(A)	35 / 50	33 / 52
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 1/2"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 25 (15) / 20	3 - 30 (15) / 25
Additional Refrigerant Charge	g/m	20	20
Ref. Type (Global Warming Potential)		R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T		0.85 / 0.574	1.10 / 0.743
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 20
Indoor Unit		£236	£420
Remote Controller		IR Included	IR Included
Outdoor Unit		£694	£978
System Price		£930	£1,398

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

Refer to page 007 for control options

Standard Series High Efficiency & Comfort - Single Phase



Indoor Unit		ASYG07KMCC	ASYG09KMCC	ASYG12KMCC	ASYG14KMCC
Outdoor Unit		AOYG07KMCC	AOYG09KMCC	AOYG12KMCC	AOYG14KMCC
Nominal Cooling Capacity (Range)	kW	2.0 (0.9 - 3.0)	2.5 (0.9 - 3.2)	3.4 (0.9 - 3.9)	4.2 (0.9 - 4.4)
UK Cooling (Total / Sensible)	kW	1.97 / 1.17	2.46 / 1.56	3.33 / 2.15	3.95 / 3.21
Nominal Heating Capacity (Range)	kW	2.5 (0.9 - 3.4)	2.8 (0.9 - 4.0)	4.0 (0.9 - 5.3)	5.4 (0.9 - 6.0)
UK Heating	kW	2.89	3.40	4.51	5.11
EER Cooling / COP Heating		4.43 / 4.52	3.97 / 4.52	3.65 / 4.17	3.44 / 3.83
SEER / Energy Efficiency Class - Cooling		7.40 / A++	7.40 / A++	7.30 / A++	6.90 / A++
SCOP / Energy Efficiency Class - Heating		4.10 / A+	4.10 / A+	4.40 / A+	4.10 / A+
Annual Energy Consumption Cool / Heat	kWh/a	95 / 785	118 / 819	163 / 795	213 / 1367
Pdesign Cooling / Heating (-10°C)	kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0
Indoor Dimensions (H x W x D)	mm	270x834x222	270x834x222	270x834x222	270x834x222
Outdoor Dimensions (H x W x D)	mm	541x663x290	541x663x290	541x663x290	542x799x290
Weight Indoor / Outdoor	kg	10.0 / 22.0	10.0 / 22.0	10.0 / 24.0	10.0 / 31.0
Sound Pressure Level Indoor - min/max	dB(A)	20 / 41	20 / 42	20 / 42	20 / 44
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 20 (15) / 15	3 - 20 (15) / 15	3 - 20 (15) / 15	3 - 20 (15) / 15
Additional Refrigerant Charge	g/m	20	20	20	20
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		0.6 / 0.405	0.6 / 0.405	0.7 / 0.473	0.85 / 0.574
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10
Indoor Unit		£257	£291	£314	£372
Remote Controller	IR Included		IR Included	IR Included	IR Included
Outdoor Unit		£425	£443	£528	£658
System Price		£682	£734	£842	£1,030

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

Refer to page 007 for control options

Standard Series High Efficiency & Large Room - Single Phase



Indoor Unit		ASYG18KMTB	ASYG24KMTB	ASYG30KMTA	ASYG36KMTA
Outdoor Unit		AOYG18KMTA	AOYG24KMTA	AOYG30KMTA	AOYG36KMTA
Nominal Cooling Capacity (Range)	kW	5.2(0.9 - 6.0)	7.1(0.9 - 8.3)	8.0 (2.9 - 9.0)	9.4(2.9 - 10.0)
UK Cooling (Total / Sensible)	kW	4.91 / 3.76	6.70 / 4.93	7.55 / 5.82	8.87 / 6.70
Nominal Heating Capacity (Range)	kW	6.3(0.9 - 8.7)	8.0(0.9 - 10.1)	8.8(2.2 - 11.0)	10.1(2.7 - 11.2)
UK Heating	kW	8.01	9.58	9.49	9.66
EER Cooling / COP Heating		3.74 / 4.04	3.41 / 4.19	3.43 / 4.00	2.97 / 3.70
SEER / Energy Efficiency Class - Cooling		7.77 / A++	7.28 / A++	6.67 / A++	6.14 / A++
SCOP / Energy Efficiency Class - Heating		4.56 / A+	4.18 / A+	4.54 / A+	4.52 / A+
Annual Energy Consumption Cool / Heat	kWh/a	234 / 1,472	341 / 2,372	419 / 2,001	535 / 2,198
Pdesign Cooling / Heating (-10°C)	kW	5.2 / 4.8	7.1 / 7.1	8.0 / 6.5	9.4 / 7.1
Indoor Dimensions (H x W x D)	mm	280 x 980 x 240	280 x 980 x 240	340x1,150x280	340x1,150x280
Outdoor Dimensions (H x W x D)	mm	632 x 799 x 290	716 x 820 x 315	788x940x320	788x940x320
Weight Indoor / Outdoor	kg	12.5 / 36.0	12.5 / 42.0	18.5 / 52.0	18.5 / 52.0
Sound Pressure Level Indoor - min/max	dB(A)	29 / 46	29 / 49	33 / 50	33 / 50
Pipe Size (Liquid - Gas)	mm	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 25(15) / 20	3 - 30(15) / 25	3 - 50(30) / 30	3 - 50(30) / 30
Additional Refrigerant Charge	g/m	20	20	40	40
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T		1.02/ 0.689	1.32/ 0.891	1.90/ 1.283	1.90/ 1.283
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 25	1Ph-230V-50Hz / 25
Indoor Unit		£508	£747	£992	£996
Remote Controller	IR Included		IR Included	IR Included	IR Included
Outdoor Unit		£641	£907	£1,212	£1,356
System Price		£1,149	£1,654	£2,204	£2,352

System operating range, -10°C (-15°C size 30 & 36) to 46°C Cooling -15°C to 24°C Heating

Refer to page 007 for control options

2021-22 WALL MOUNTED SPLITS - R32
Designer Series Cool Beauty Design - White - Single Phase


Indoor Unit		ASYG07KETA	ASYG09KETA	ASYG12KETA	ASYG14KETA
Outdoor Unit		AOYG07KETA	AOYG09KETA	AOYG12KETA	AOYG14KETA
Nominal Cooling Capacity (Range)	kW	2.0 (0.9 - 3.0)	2.5 (0.9 - 3.2)	3.4 (0.9 - 3.9)	4.2 (0.9 - 4.4)
UK Cooling (Total / Sensible)	kW	2.59 / 2.44	2.65 / 2.50	3.29 / 2.71	3.65 / 2.75
Nominal Heating Capacity (Range)	kW	2.5 (0.9 - 3.4)	2.8 (0.9 - 4.0)	4.0 (0.9 - 5.3)	5.4 (0.9 - 6.0)
UK Heating	kW	2.89	3.40	4.51	5.11
EER Cooling / COP Heating		4.43 / 4.52	3.97 / 4.52	3.65 / 4.17	3.44 / 3.83
SEER / Energy Efficiency Class - Cooling		7.40 / A++	7.40 / A++	7.30 / A++	6.90 / A++
SCOP / Energy Efficiency Class - Heating		4.10 / A+	4.10 / A+	4.40 / A+	4.10 / A+
Annual Energy Consumption Cool / Heat	kWh/a	95 / 785	118 / 819	163 / 795	213 / 1,367
Pdesign Cooling / Heating (-10°C)	kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0
Indoor Dimensions (H x W x D)	mm	295×950 (wall side : 840)×230			
Outdoor Dimensions (H x W x D)	mm	541×663×290	541×663×290	541×663×290	542×799×290
Weight Indoor / Outdoor	kg	11.0 / 23.0	11.0 / 23.0	11.0 / 25.0	11.5 / 31.0
Sound Pressure Level Indoor - min/max	dB(A)	20 / 41	20 / 42	20 / 42	20 / 44
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 20 (15) / 15	3 - 20 (15) / 15	3 - 20 (15) / 15	3 - 20 (15) / 15
Additional Refrigerant Charge	g/m	20	20	20	20
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		0.6 / 0.405	0.6 / 0.405	0.7 / 0.473	0.85 / 0.574
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10
Indoor Unit		£320	£330	£358	£435
Remote Controller	IR Included		IR Included	IR Included	IR Included
Outdoor Unit		£418	£469	£540	£652
System Price		£738	£799	£898	£1,087

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

Refer to page 007 for control options

Designer Series Cool Beauty Design - Silver - Single Phase


Indoor Unit		ASYG07KETA-B	ASYG09KETA-B	ASYG12KETA-B	ASYG14KETA-B
Outdoor Unit		AOYG07KETA	AOYG09KETA	AOYG12KETA	AOYG14KETA
Nominal Cooling Capacity (Range)	kW	2.0 (0.9 - 3.0)	2.5 (0.9 - 3.2)	3.4 (0.9 - 3.9)	4.2 (0.9 - 4.4)
UK Cooling (Total / Sensible)	kW	2.59 / 2.44	2.65 / 2.50	3.29 / 2.71	3.65 / 2.75
Nominal Heating Capacity (Range)	kW	2.5 (0.9 - 3.4)	2.8 (0.9 - 4.0)	4.0 (0.9 - 5.3)	5.4 (0.9 - 6.0)
UK Heating	kW	2.89	3.40	4.51	5.11
EER Cooling / COP Heating		4.43 / 4.52	3.97 / 4.52	3.65 / 4.17	3.44 / 3.83
SEER / Energy Efficiency Class - Cooling		7.40 / A++	7.40 / A++	7.30 / A++	6.90 / A++
SCOP / Energy Efficiency Class - Heating		4.10 / A+	4.10 / A+	4.40 / A+	4.10 / A+
Annual Energy Consumption Cool / Heat	kWh/a	95 / 785	118 / 819	163 / 795	213 / 1,367
Pdesign Cooling / Heating (-10°C)	kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0
Indoor Dimensions (H x W x D)	mm	295×950 (wall side : 840)×230			
Outdoor Dimensions (H x W x D)	mm	541×663×290	541×663×290	541×663×290	542×799×290
Weight Indoor / Outdoor	kg	11.0 / 23.0	11.0 / 23.0	11.0 / 25.0	11.5 / 31.0
Sound Pressure Level Indoor - min/max	dB(A)	20 / 41	20 / 42	20 / 42	20 / 44
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 20 (15) / 15	3 - 20 (15) / 15	3 - 20 (15) / 15	3 - 20 (15) / 15
Additional Refrigerant Charge	g/m	20	20	20	20
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		0.6 / 0.405	0.6 / 0.405	0.7 / 0.473	0.85 / 0.574
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10
Indoor Unit		£320	£330	£358	£435
Remote Controller	IR Included		IR Included	IR Included	IR Included
Outdoor Unit		£418	£469	£540	£652
System Price		£738	£799	£898	£1,087

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

Refer to page 007 for control options

Designer Series High Spec & Design - Single Phase



Indoor Unit		ASYG07KGTB	ASYG09KGTB	ASYG12KGTB	ASYG14KGTB
Outdoor Unit		AOYG07KGCA	AOYG09KGCA	AOYG12KGCA	AOYG14KGCA
Nominal Cooling Capacity (Range)	kW	2.0 (0.9 - 3.2)	2.5 (0.9 - 3.4)	3.4 (0.9 - 4.1)	4.2 (0.9 - 4.5)
UK Cooling (Total / Sensible)	kW	2.28 / 2.11	2.74 / 2.51	3.31 / 2.70	3.59 / 2.89
Nominal Heating Capacity (Range)	kW	2.5 (0.9 - 5.2)	2.8 (0.9 - 5.4)	4.0 (0.9 - 6.1)	5.4 (0.9 - 6.4)
UK Heating	kW	4.43	4.61	5.04	5.29
EER Cooling / COP Heating		5.00 / 5.00	4.50 / 5.00	4.22 / 4.40	3.57 / 4.00
SEER / Energy Efficiency Class - Cooling		8.52 / A+++	8.52 / A+++	8.51 / A+++	7.11 / A++
SCOP / Energy Efficiency Class - Heating		5.12 / A+++	5.11 / A+++	5.10 / A+++	4.31 / A+
Annual Energy Consumption Cool / Heat	kWh/a	82 / 628	103 / 658	140 / 685	207 / 1,298
Pdesign Cooling / Heating (-10°C)	kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0
Indoor Dimensions (H x W x D)	mm	270x834x215	270x834x215	270x834x215	270x834x215
Outdoor Dimensions (H x W x D)	mm	542x799x290	542x799x290	542x799x290	542x799x290
Weight Indoor / Outdoor	kg	10.0 / 30.0	10.0 / 30.0	10.0 / 31.0	10.0 / 32.0
Sound Pressure Level Indoor - min/max	dB(A)	19 / 41	19 / 42	19 / 42	20 / 44
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 20 (15) / 15	3 - 20 (15) / 15	3 - 20 (15) / 15	3 - 20 (15) / 15
Additional Refrigerant Charge	g/m	20	20	20	20
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		0.75 / 0.506	0.75 / 0.506	0.85 / 0.574	0.85 / 0.574
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10
Indoor Unit		£302	£328	£378	£425
Remote Controller		IR Included	IR Included	IR Included	IR Included
Outdoor Unit		£541	£584	£672	£755
System Price		£843	£912	£1,050	£1,180

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

Refer to page 007 for control options

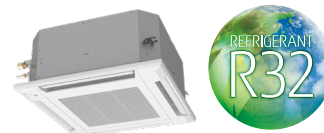
R32 Wall Mounted Splits Control Options



		Hi-Spec	Designer	Standard		Eco		
Type		ASYG..KG 07/09/12/14	ASYG..KE 07/09/12/14	ASYG..KM 07/09/12/14	ASYG..KM 18/24	ASYG..KM 30/36	ASYG..KP 09/12	ASYG..KL 18/24
Hi-Spec TP WRC	2-Wire	UTYRNRYZ3 £166 + UTYTWRXZ2 £76			UTYRNRYZ3 £166 + UTYTWRXZ2 £76			
Compact/ Simple TP WRC		UTYRCRYZ1 £114 + UTYTWRXZ2 £76			UTYRCRYZ1 £114 + UTYTWRXZ2 £76			
Simple WRC		UTYRSRY £150 + UTYTWRXZ2 £76 UTYRHRY £150 + UTYTWRXZ2 £76			UTYRSRY £150 + UTYTWRXZ2 £76 UTYRHRY £150 + UTYTWRXZ2 £76			
Standard WRC	3-Wire			UTYRVNYM £119 UTYTWBXF2 £98				
Simple WRC				UTYRSNYM £95 + UTYTWBXF2 £98				
FGLair Wi-Fi App Controlled Interface		UTYTFSXW1 £136	UTYTFSXF2 £73	UTYTFSXW1 £136	UTYTFSXF2 £73			
Intesis Wifi		FJACWIF1 £243						FJIRWIF1 £262
Modbus BMS Interface		UTYVMSX £253						
KNX BMS Interface		UTYVKSX £289						
Network Convertor		UTYVTGX £462 + UTYTWRXZ2 £76	UTYVTGX £462 + UTYTWBXF2 £98	UTYVTGX £462 + UTYTWRXZ2 £76				

2021-22 COMPACT CASSETTE SPLITS - R32

Economy Series Compact Cassette - Single Phase

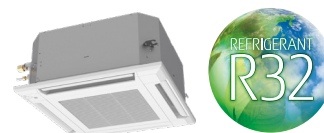


Indoor Unit		AUXG09KVLA	AUXG12KVLA	AUXG14KVLA
Outdoor Unit		AOYG09KATA	AOYG12KATA	AOYG14KATA
Nominal Cooling Capacity (Range)	kW	2.5(0.9 - 2.7)	3.5(0.9 - 3.7)	4.3(0.9 - 4.5)
UK Cooling (Total / Sensible)	kW	2.37 / 1.92	3.27 / 2.56	4.10 / 3.12
Nominal Heating Capacity (Range)	kW	3.2(0.9 - 3.9)	4.1(0.9 - 4.4)	5.0(0.9 - 5.3)
UK Heating	kW	3.28	3.67	4.90
EER Cooling / COP Heating		3.68 / 3.64	3.21 / 3.50	3.14 / 3.52
SEER / Energy Efficiency Class - Cooling		6.20 / A++	6.10 / A++	6.10 / A++
SCOP / Energy Efficiency Class - Heating		4.00 / A+	4.00 / A+	4.00 / A+
Annual Energy Consumption Cool / Heat	kWh/a	141 / 804	201 / 979	247 / 1,120
Pdesign Cooling / Heating (-10°C)	kW	2.5 / 2.3	3.5 / 2.8	4.3 / 3.2
Indoor Dimensions (H x W x D)	mm	245×570×570	245×570×570	245×570×570
Outdoor Dimensions (H x W x D)	mm	541×663×290	541×663×290	542×799×290
Weight Indoor / Outdoor	kg	15.0 / 23.0	15.0 / 25.0	15.0 / 32.0
Sound Pressure Level Indoor - min/max	dB(A)	27 / 34	27 / 37	27 / 43
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 15 (15) / 15	3 - 15 (15) / 15	3 - 20 (15) / 15
Additional Refrigerant Charge	g/m	0	0	20
Ref. Type (Global Warming Potential)		R32(675)	R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T		0.6/ 0.405	0.7/ 0.473	0.85/ 0.574
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 16
Indoor Unit		£403	£429	£501
Remote Controller (UTYRNRZY3)		£166	£166	£166
Grille (UTGUFYFW)		£151	£151	£151
Outdoor Unit		£459	£505	£583
System Price		£1,179	£1,251	£1,401

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

Economy Series Compact Cassette - Single Phase

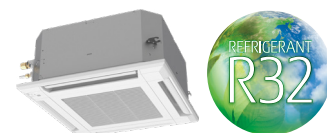


Indoor Unit		AUXG18KVLA	AUXG22KVLA	AUXG24KVLA
Outdoor Unit		AOYG18KATA	AOYG22KATA	AOYG24KATA
Nominal Cooling Capacity (Range)	kW	5.2(0.9 - 5.4)	6.0(0.9 - 6.3)	6.8(0.9 - 7.4)
UK Cooling (Total / Sensible)	kW	4.80 / 3.42	5.65 / 3.90	6.63 / 4.74
Nominal Heating Capacity (Range)	kW	6.0(0.9 - 6.3)	7.0(0.9 - 7.4)	7.5(0.9 - 8.6)
UK Heating	kW	5.65	6.37	7.43
EER Cooling / COP Heating		3.08 / 3.49	3.08 / 3.50	3.01 / 3.61
SEER / Energy Efficiency Class - Cooling		6.10 / A++	6.10 / A++	5.90 / A+
SCOP / Energy Efficiency Class - Heating		3.90 / A	3.90 / A	3.80 / A
Annual Energy Consumption Cool / Heat	kWh/a	298 / 1,362	344 / 1,578	403 / 1,988
Pdesign Cooling / Heating (-10°C)	kW	5.2 / 3.8	6.0 / 4.4	6.8 / 5.4
Indoor Dimensions (H x W x D)	mm	245×570×570	245×570×570	245×570×570
Outdoor Dimensions (H x W x D)	mm	542×799×290	632×799×290	632×799×290
Weight Indoor / Outdoor	kg	15.0 / 33.0	16.0 / 36.0	16.0 / 38.0
Sound Pressure Level Indoor - min/max	dB(A)	26 / 43	30 / 45	30 / 49
Pipe Size (Liquid - Gas)	mm	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 20 (15) / 15	3 - 25 (15) / 20	3 - 25(20) / 20
Additional Refrigerant Charge	g/m	20	20	20
Ref. Type (Global Warming Potential)		R32(675)	R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T		0.9/ 0.608	1.1/ 0.743	1.25/ 0.844
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16
Indoor Unit		£528	£580	£635
Remote Controller (UTYRNRZY3)		£166	£166	£166
Grille (UTGUFYFW)		£151	£151	£151
Outdoor Unit		£704	£794	£872
System Price		£1,549	£1,691	£1,824

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

Compact 4-way Flow Series Compact & Comfort - Single Phase

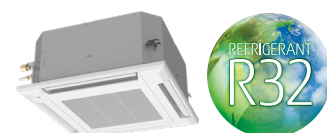


Indoor Unit		AUXG09KVLA	AUXG12KVLA	AUXG14KVLA
Outdoor Unit		AOYG09KBTB	AOYG12KBTB	AOYG14KBTB
Nominal Cooling Capacity (Range)	kW	2.5 (0.9 - 3.2)	3.5 (0.9 - 4.4)	4.3 (0.9 - 5.4)
UK Cooling (Total / Sensible)	kW	2.37 / 1.92	3.39 / 2.60	4.12 / 3.13
Nominal Heating Capacity (Range)	kW	3.2 (0.9 - 4.7)	4.1 (0.9 - 5.7)	5.0 (0.9 - 6.5)
UK Heating	kW	4.21	5.06	5.80
EER Cooling / COP Heating		4.57 / 4.05	3.76 / 3.80	3.36 / 3.79
SEER / Energy Efficiency Class - Cooling		6.70 / A++	6.60 / A++	6.50 / A++
SCOP / Energy Efficiency Class - Heating		4.40 / A+	4.30 / A+	4.40 / A+
Annual Energy Consumption Cool / Heat	kWh/a	131 / 826	186 / 1,106	231 / 1,208
Pdesign Cooling / Heating (-10°C)	kW	2.5 / 2.6	3.5 / 3.4	4.3 / 3.8
Indoor Dimensions (H x W x D)	mm	245x570x570	245x570x570	245x570x570
Outdoor Dimensions (H x W x D)	mm	542x799x290	542x799x290	542x799x290
Weight Indoor / Outdoor	kg	15.0 / 32.0	15.0 / 33.0	15.0 / 33.0
Sound Pressure Level Indoor - min/max	dB(A)	27 / 34	27 / 37	27 / 43
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 20 (15) / 15	3 - 25 (15) / 20	3 - 25 (15) / 20
Additional Refrigerant Charge	g/m	20	20	20
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		0.85 / 0.574	0.85 / 0.574	0.85 / 0.574
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 16
Indoor Unit		£403	£429	£501
Remote Controller (UTYRNRZY3)		£166	£166	£166
Grille (UTGUFYFW)		£151	£151	£151
Outdoor Unit		£614	£675	£782
System Price		£1,334	£1,421	£1,600

System operating range, -15 to 46°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

Compact 4-way Flow Series Compact & Comfort - Single Phase



Indoor Unit		AUXG18KVLA	AUXG22KVLA	AUXG24KVLA
Outdoor Unit		AOYG18KBTB	AOYG22KBTB	AOYG24KBTB
Nominal Cooling Capacity (Range)	kW	5.2 (0.9 - 5.9)	6.0 (0.9 - 6.7)	6.8 (0.9 - 8.0)
UK Cooling (Total / Sensible)	kW	5.01 / 3.56	5.85 / 4.03	6.63 / 4.74
Nominal Heating Capacity (Range)	kW	6.0 (0.9 - 7.5)	7.0 (0.9 - 8.0)	7.5 (0.9 - 9.1)
UK Heating	kW	6.64	6.91	7.86
EER Cooling / COP Heating		3.25 / 3.61	3.30 / 3.74	3.08 / 3.69
SEER / Energy Efficiency Class - Cooling		6.60 / A++	6.60 / A++	6.10 / A++
SCOP / Energy Efficiency Class - Heating		4.20 / A+	4.30 / A+	4.00 / A+
Annual Energy Consumption Cool / Heat	kWh/a	275 / 1,466	318 / 1,562	390 / 2,097
Pdesign Cooling / Heating (-10°C)	kW	5.2 / 4.4	6.0 / 4.8	6.8 / 6.0
Indoor Dimensions (H x W x D)	mm	245x570x570	245x570x570	245x570x570
Outdoor Dimensions (H x W x D)	mm	632x799x290	632x799x290	716x820x315
Weight Indoor / Outdoor	kg	15.0 / 36.0	16.0 / 38.0	16.0 / 42.0
Sound Pressure Level Indoor - min/max	dB(A)	26 / 43	30 / 45	30 / 49
Pipe Size (Liquid - Gas)	mm	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 30 (20) / 20	3 - 30 (20) / 25	3 - 30 (20) / 25
Additional Refrigerant Charge	g/m	20	20	20
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		1.02 / 0.689	1.25 / 0.844	1.25 / 0.844
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16
Indoor Unit		£528	£580	£635
Remote Controller (UTYRNRZY3)		£166	£166	£166
Grille (UTGUFYFW)		£151	£151	£151
Outdoor Unit		£906	£1,060	£1,167
System Price		£1,751	£1,957	£2,119

System operating range, -15 to 46°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

2021-22 4 WAY CASSETTE SPLITS - R32
Economy Range - Circular Flow Cassette - Single Phase


Indoor Unit		AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB
Outdoor Unit		AOYG18KATA	AOYG22KATA	AOYG24KATA	AOYG30KATA	AOYG36KATA
Nominal Cooling Capacity (Range)	kW	5.2(0.9 - 5.4)	6.0(0.9 - 6.3)	6.8(0.9 - 7.4)	8.5(2.8 - 9.6)	9.5(2.8 - 10.6)
UK Cooling (Total / Sensible)	kW	4.80 / 3.86	5.65 / 4.16	6.63 / 4.74	8.08 / 5.77	9.03 / 6.49
Nominal Heating Capacity (Range)	kW	6.0(0.9 - 6.3)	7.0(0.9 - 7.4)	7.5(0.9 - 8.6)	10.0(2.7 - 10.8)	10.8(2.7 - 12.5)
UK Heating	kW	5.65	6.37	7.43	9.29	10.75
EER Cooling / COP Heating		3.25 / 3.61	3.24 / 3.63	3.21 / 3.81	3.32 / 3.79	3.10 / 4.19
SEER / Energy Efficiency Class - Cooling		6.20 / A++	6.20 / A++	6.10 / A++	6.10 / A++	6.10 / A++
SCOP / Energy Efficiency Class - Heating		4.10 / A+	4.10 / A+	4.00 / A+	4.00 / A+	4.00 / A+
Annual Energy Consumption Cool / Heat	kWh/a	293 / 1,297	338 / 1,502	390 / 1,887	488 / 2,794	545 / 3,044
Pdesign Cooling / Heating (-10°C)	kW	5.2 / 3.8	6.0 / 4.4	6.8 / 5.4	8.5 / 8.0	9.5 / 8.7
Indoor Dimensions (H x W x D)	mm	246×840×840	246×840×840	246×840×840	288×840×840	288×840×840
Outdoor Dimensions (H x W x D)	mm	542×799×290	632×799×290	632×799×290	788×940×320	788×940×320
Weight Indoor / Outdoor	kg	23.0 / 33.0	23.0 / 36.0	24.0 / 38.0	26.0 / 52.0	29.0 / 52.0
Sound Pressure Level Indoor - min/max	dB(A)	28 / 33	28 / 33	29 / 35	33 / 40	34 / 44
Pipe Size (Liquid - Gas)	mm	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 20 (15) / 15	3 - 25 (15) / 20	3 - 25(20) / 20	3 - 30(30) / 30	3 - 30(30) / 30
Additional Refrigerant Charge	g/m	20	20	20	0	0
Ref. Type (Global Warming Potential)		R32(675)	R32(675)	R32(675)	R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T		0.9/ 0.608	1.1/ 0.743	1.25/ 0.844	1.90/ 1.283	1.90/ 1.283
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 16			1Ph-230V-50Hz / 20	1Ph-230V-50Hz / 25
Indoor Unit		£587	£644	£708	£717	£723
Remote Controller	RC inc with Grille					
Grille (UTGUKYAW)		£236	£236	£236	£236	£236
Outdoor Unit		£704	£794	£872	£1,010	£1,258
System Price		£1,527	£1,674	£1,816	£1,963	£2,217

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

Economy Range - Circular Flow Cassette - Single & Three Phase


Indoor Unit		AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB
Outdoor Unit		AOYG45KATA	AOYG54KATA	AOYG36KQTA	AOYG45KQTA	AOYG54KQTA
Nominal Cooling Capacity (Range)	kW	12.1(4.0 - 12.6)	13.4(4.5 - 13.8)	9.5(2.8 - 10.6)	12.1(4.0 - 12.6)	13.4(4.5 - 13.8)
UK Cooling (Total / Sensible)	kW	11.54 / 8.56	12.78 / 9.23	9.03 / 6.49	11.54 / 8.56	12.78 / 9.23
Nominal Heating Capacity (Range)	kW	13.5(4.2 - 15.0)	15.5(4.7 - 16.0)	10.8(2.7 - 12.5)	13.5(4.2 - 15.0)	15.5(4.7 - 16.0)
UK Heating	kW	13.65	14.56	10.75	13.65	14.56
EER Cooling / COP Heating		2.80 / 3.58	2.75 / 3.19	3.10 / 4.19	2.80 / 3.58	2.75 / 3.19
SEER / Energy Efficiency Class - Cooling		- / -	- / -	6.10 / A++	- / -	- / -
SCOP / Energy Efficiency Class - Heating		- / -	- / -	4.00 / A+	- / -	- / -
Annual Energy Consumption Cool / Heat	kWh/a	- / -	- / -	545 / 3,044	- / -	- / -
Pdesign Cooling / Heating (-10°C)	kW	- / -	- / -	9.5 / 8.7	- / -	- / -
Indoor Dimensions (H x W x D)	mm	288×840×840	288×840×840	288×840×840	288×840×840	288×840×840
Outdoor Dimensions (H x W x D)	mm	998×940×320	998×940×320	788×940×320	998×940×320	998×940×320
Weight Indoor / Outdoor	kg	29.0 / 61.0	29.0 / 63.0	29.0 / 53.0	29.0 / 62.0	29.0 / 63.0
Sound Pressure Level Indoor - min/max	dB(A)	35 / 46	36 / 47	34 / 44	35 / 46	36 / 47
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 30(30) / 30	3 - 30(30) / 30	3 - 30(30) / 30	3 - 30(30) / 30	3 - 30(30) / 30
Additional Refrigerant Charge	g/m	0	0	0	0	0
Ref. Type (Global Warming Potential)		R32(675)	R32(675)	R32(675)	R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T		2.4/ 1.620	2.4/ 1.620	1.90/ 1.283	2.4/ 1.620	2.4/ 1.620
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 32		3Ph-400V-50Hz / 16 per phase		
Indoor Unit		£859	£1,260	£723	£859	£1,260
Remote Controller	RC inc with Grille					
Grille (UTGUKYAW)		£236	£236	£236	£236	£236
Outdoor Unit		£1,376	£1,387	£1,414	£1,548	£1,559
System Price		£2,471	£2,883	£2,373	£2,643	£3,055

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

2021-22 4 WAY CASSETTE SPLITS - R32

Standard Range - Circular Flow Cassette - Single Phase



Indoor Unit		AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB
Outdoor Unit		AOYG18KBTB	AOYG22KBTB	AOYG24KBTB	AOYG30KBTB	AOYG36KBTB
Nominal Cooling Capacity (Range)	kW	5.2 (0.9 - 5.9)	6.0 (0.9 - 6.7)	6.8 (0.9 - 8.0)	8.5 (2.8 - 10.0)	9.5 (2.8 - 11.2)
UK Cooling (Total / Sensible)	kW	5.01 / 4.03	5.85 / 4.30	6.63 / 4.74	8.08 / 5.77	9.03 / 6.49
Nominal Heating Capacity (Range)	kW	6.0 (0.9 - 7.5)	7.0 (0.9 - 8.0)	7.5 (0.9 - 9.1)	10.0 (2.7 - 11.2)	10.8 (2.7 - 12.7)
UK Heating	kW	6.64	6.91	7.66	9.63	10.92
EER Cooling / COP Heating		3.82 / 3.80	3.51 / 3.85	3.60 / 3.95	3.49 / 3.98	3.26 / 4.40
SEER / Energy Efficiency Class - Cooling		7.00 / A++	7.00 / A++	6.60 / A++	6.70 / A++	6.55 / A++
SCOP / Energy Efficiency Class - Heating		4.30 / A+	4.40 / A+	4.20 / A+	4.30 / A+	4.30 / A+
Annual Energy Consumption Cool / Heat	kWh/a	260 / 1,431	300 / 1,527	360 / 1,999	444 / 2,601	507 / 2,828
Pdesign Cooling / Heating (-10°C)	kW	5.2 / 4.4	6.0 / 4.8	6.8 / 6.0	8.5 / 8.0	9.5 / 8.7
Indoor Dimensions (H x W x D)	mm	246x840x840	246x840x840	246x840x840	288x840x840	288x840x840
Outdoor Dimensions (H x W x D)	mm	632x799x290	632x799x290	716x820x315	788x940x320	788x940x320
Weight Indoor / Outdoor	kg	23.0 / 36.0	23.0 / 38.0	24.0 / 42.0	26.0 / 52.0	29.0 / 52.0
Sound Pressure Level Indoor - min/max	dB(A)	28 / 33	28 / 33	29 / 35	33 / 40	34 / 44
Pipe Size (Liquid - Gas)	mm	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 30 (20) / 20	3 - 30 (20) / 25	3 - 30 (20) / 25	3 - 50 (30) / 30	3 - 50 (30) / 30
Additional Refrigerant Charge	g/m	20	20	20	40	40
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		1.02 / 0.689	1.25 / 0.844	1.25 / 0.844	1.90 / 1.283	1.90 / 1.283
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 16			1Ph-230V-50Hz / 25	
Indoor Unit		£587	£644	£708	£717	£723
Remote Controller		RC inc with Grille	RC inc with Grille	RC inc with Grille	RC inc with Grille	RC inc with Grille
Grille (UTGUKYAW)		£236	£236	£236	£236	£236
Outdoor Unit		£906	£1,060	£1,167	£1,353	£1,685
System Price		£1,729	£1,940	£2,111	£2,306	£2,644

System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

Refer to page 033 for control options

Standard Range - Circular Flow Cassette - Single & Three Phase



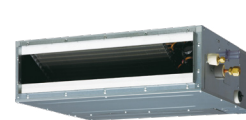
Indoor Unit		AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB
Outdoor Unit		AOYG45KBTB	AOYG54KBTB	AOYG36KRTA	AOYG45KRTA	AOYG54KRTA
Nominal Cooling Capacity (Range)	kW	12.1 (4.0 - 14.0)	13.4 (4.5 - 14.5)	9.5 (2.8 - 11.2)	12.1 (4.0 - 14.0)	13.4 (4.5 - 14.5)
UK Cooling (Total / Sensible)	kW	11.54 / 8.56	12.78 / 9.23	9.03 / 6.49	11.54 / 8.56	12.78 / 9.23
Nominal Heating Capacity (Range)	kW	13.5 (4.2 - 16.2)	15.5 (4.7 - 16.5)	10.8 (2.7 - 12.7)	13.5 (4.2 - 16.2)	15.5 (4.7 - 16.5)
UK Heating	kW	14.74	15.02	10.92	14.74	15.02
EER Cooling / COP Heating		3.35 / 4.20	3.04 / 3.73	3.26 / 4.40	3.35 / 4.20	3.04 / 3.73
SEER / Energy Efficiency Class - Cooling		6.65 / -	6.53 / -	6.55 / A++	6.65 / -	6.53 / -
SCOP / Energy Efficiency Class - Heating		4.33 / -	4.31 / -	4.30 / A+	4.33 / -	4.31 / -
Annual Energy Consumption Cool / Heat	kWh/a	- / -	- / -	507 / 2,828	- / -	- / -
Pdesign Cooling / Heating (-10°C)	kW	- / -	- / -	9.5 / 8.7	- / -	- / -
Indoor Dimensions (H x W x D)	mm	288x840x840	288x840x840	288x840x840	288x840x840	288x840x840
Outdoor Dimensions (H x W x D)	mm	998x940x320	998x940x320	788x940x320	998x940x320	998x940x320
Weight Indoor / Outdoor	kg	29.0 / 67.0	29.0 / 67.0	29.0 / 53.0	29.0 / 67.0	29.0 / 67.0
Sound Pressure Level Indoor - min/max	dB(A)	35 / 46	36 / 47	34 / 44	35 / 46	36 / 47
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 50 (30) / 30	3 - 50 (30) / 30	3 - 50 (30) / 30	3 - 50 (30) / 30	3 - 50 (30) / 30
Additional Refrigerant Charge	g/m	40	40	40	40	40
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		2.70 / 1.823	2.70 / 1.823	1.90 / 1.283	2.70 / 1.823	2.70 / 1.823
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 32		3Ph-400V-50Hz / 16		
Indoor Unit		£859	£1,260	£723	£859	£1,260
Remote Controller		RC inc with Grille	RC inc with Grille	RC inc with Grille	RC inc with Grille	RC inc with Grille
Grille (UTGUKYAW)		£236	£236	£236	£236	£236
Outdoor Unit		£1,780	£1,855	£1,702	£1,859	£1,874
System Price		£2,875	£3,351	£2,661	£2,954	£3,370

System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

Refer to page 033 for control options

2021-22 SLIM DUCTED SPLITS - R32
Economy Series Slim Duct - Single Phase


Static Pressure Range 0 to 90 Pa, Standard 25Pa



Indoor Unit		ARXG09KLLAP	ARXG12KLLAP
Outdoor Unit		AOYG09KATA	AOYG12KATA
Nominal Cooling Capacity (Range)	kW	2.5(0.9 - 2.7)	3.5(0.9 - 3.7)
UK Cooling (Total / Sensible)	kW	2.37 / 1.86	3.27 / 2.49
Nominal Heating Capacity (Range)	kW	3.2(0.9 - 3.9)	4.1(0.9 - 4.4)
UK Heating	kW	3.28	3.67
EER Cooling / COP Heating		3.62 / 3.64	3.21 / 3.50
SEER / Energy Efficiency Class - Cooling		5.90 / A+	5.80 / A+
SCOP / Energy Efficiency Class - Heating		3.80 / A	3.80 / A
Annual Energy Consumption Cool / Heat	kWh/a	148 / 847	211 / 1,031
Pdesign Cooling / Heating (-10°C)	kW	2.5 / 2.3	3.5 / 2.8
Indoor Dimensions (H x W x D)	mm	198×700×620	198×700×620
Outdoor Dimensions (H x W x D)	mm	541×663×290	541×663×290
Weight Indoor / Outdoor	kg	17.0 / 23.0	17.0 / 25.0
Sound Pressure Level Indoor - min/max	dB(A)	24 / 28	24 / 29
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 15 (15) / 15	3 - 15 (15) / 15
Additional Refrigerant Charge	g/m	0	0
Ref. Type (Global Warming Potential)		R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T		0.6 / 0.405	0.7 / 0.473
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10
Indoor Unit		£505	£543
Remote Controller (UTYRNRZY3)		£166	£166
Outdoor Unit		£459	£505
System Price		£1,130	£1,214

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

 Refer to page [033](#) for control options

Economy Series Slim Duct - Single Phase


Static Pressure Range 0 to 90 Pa, Standard 25Pa



Indoor Unit		ARXG14KLLAP	ARXG18KLLAP
Outdoor Unit		AOYG14KATA	AOYG18KATA
Nominal Cooling Capacity (Range)	kW	4.3(0.9 - 4.5)	5.2(0.9 - 5.4)
UK Cooling (Total / Sensible)	kW	4.10 / 3.12	4.80 / 3.54
Nominal Heating Capacity (Range)	kW	5.0(0.9 - 5.3)	6.0(0.9 - 6.3)
UK Heating	kW	4.90	5.65
EER Cooling / COP Heating		3.14 / 3.52	3.13 / 3.51
SEER / Energy Efficiency Class - Cooling		5.60 / A+	5.80 / A+
SCOP / Energy Efficiency Class - Heating		3.80 / A	3.80 / A
Annual Energy Consumption Cool / Heat	kWh/a	269 / 1,177	313 / 1,398
Pdesign Cooling / Heating (-10°C)	kW	4.3 / 3.2	5.2 / 3.8
Indoor Dimensions (H x W x D)	mm	198×700×620	198×900×620
Outdoor Dimensions (H x W x D)	mm	542×799×290	542×799×290
Weight Indoor / Outdoor	kg	17.0 / 32.0	20.0 / 33.0
Sound Pressure Level Indoor - min/max	dB(A)	25 / 32	27 / 32
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 1/2"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 20 (15) / 15	3 - 20 (15) / 15
Additional Refrigerant Charge	g/m	20	20
Ref. Type (Global Warming Potential)		R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T		0.85 / 0.574	0.9 / 0.608
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16
Indoor Unit		£626	£697
Remote Controller (UTYRNRZY3)		£166	£166
Outdoor Unit		£583	£704
System Price		£1,375	£1,567

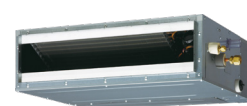
System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

 Refer to page [033](#) for control options

Standard Series Slim Duct - Single Phase



Static Pressure Range 0 to 90 Pa, Standard 25Pa



Indoor Unit Outdoor Unit		ARXG09KLLAP AOYG09KBTB	ARXG12KLLAP AOYG12KBTB
Nominal Cooling Capacity (Range)	kW	2.5 (0.9 - 3.2)	3.5 (0.9 - 4.4)
UK Cooling (Total / Sensible)	kW	2.37 / 1.86	3.39 / 2.54
Nominal Heating Capacity (Range)	kW	3.2 (0.9 - 4.7)	4.1 (0.9 - 5.7)
UK Heating	kW	4.21	5.06
EER Cooling / COP Heating		4.17 / 4.05	3.76 / 3.80
SEER / Energy Efficiency Class - Cooling		6.20 / A++	6.10 / A++
SCOP / Energy Efficiency Class - Heating		4.30 / A+	4.00 / A+
Annual Energy Consumption Cool / Heat	kWh/a	141 / 845	201 / 1,189
Pdesign Cooling / Heating (-10°C)	kW	2.5 / 2.6	3.5 / 3.4
Indoor Dimensions (H x W x D)	mm	198x700x620	198x700x620
Outdoor Dimensions (H x W x D)	mm	542x799x290	542x799x290
Weight Indoor / Outdoor	kg	17.0 / 32.0	17.0 / 33.0
Sound Pressure Level Indoor - min/max	dB(A)	24 / 28	24 / 29
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 20 (15) / 15	3 - 25 (15) / 20
Additional Refrigerant Charge	g/m	20	20
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)
Refrigerant Charge kg / CO ₂ eq-T		0.85 / 0.574	0.85 / 0.574
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10
Indoor Unit		£505	£543
Remote Controller (UTYRNRYZ3)		£166	£166
Outdoor Unit		£614	£675
System Price		£1,285	£1,384

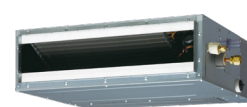
System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

Standard Series Slim Duct - Single Phase



Static Pressure Range 0 to 90 Pa, Standard 25Pa



Indoor Unit Outdoor Unit		ARXG14KLLAP AOYG14KBTB	ARXG18KLLAP AOYG18KBTB
Nominal Cooling Capacity (Range)	kW	4.3 (0.9 - 5.4)	5.2 (0.9 - 5.9)
UK Cooling (Total / Sensible)	kW	4.12 / 3.13	5.01 / 3.69
Nominal Heating Capacity (Range)	kW	5.0 (0.9 - 6.5)	6.0 (0.9 - 7.5)
UK Heating	kW	5.80	6.64
EER Cooling / COP Heating		3.36 / 3.79	3.35 / 3.70
SEER / Energy Efficiency Class - Cooling		5.80 / A+	6.20 / A++
SCOP / Energy Efficiency Class - Heating		3.90 / A	4.10 / A+
Annual Energy Consumption Cool / Heat	kWh/a	259 / 1,362	293 / 1,501
Pdesign Cooling / Heating (-10°C)	kW	4.3 / 3.8	5.2 / 4.4
Indoor Dimensions (H x W x D)	mm	198x700x620	198x900x620
Outdoor Dimensions (H x W x D)	mm	542x799x290	632x799x290
Weight Indoor / Outdoor	kg	17.0 / 33.0	20.0 / 36.0
Sound Pressure Level Indoor - min/max	dB(A)	25 / 32	27 / 32
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 1/2"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 25 (15) / 20	3 - 30 (20) / 20
Additional Refrigerant Charge	g/m	20	20
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)
Refrigerant Charge kg / CO ₂ eq-T		0.85 / 0.574	1.02 / 0.689
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16
Indoor Unit		£626	£697
Remote Controller (UTYRNRYZ3)		£166	£166
Outdoor Unit		£782	£906
System Price		£1,574	£1,769

System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

2021-22 MEDIUM STATIC DUCTED SPLITS - R32
Medium Static Pressure Duct Compact & Comfort - Single Phase

Static Pressure Range 30 to 200 PA, Standard 35Pa



Indoor Unit		ARXG12KHTAP	ARXG14KHTAP	ARXG18KHTAP
Outdoor Unit		AOYG12KBTB	AOYG14KBTB	AOYG18KBTB
Nominal Cooling Capacity (Range)	kW	3.5 (0.9 - 4.4)	4.3 (0.9 - 5.4)	5.2 (0.9 - 5.9)
UK Cooling (Total / Sensible)	kW	3.39 / 2.96	4.12 / 3.53	5.01 / 4.09
Nominal Heating Capacity (Range)	kW	4.1 (0.9 - 5.7)	5.0 (0.9 - 6.5)	6.0 (0.9 - 7.5)
UK Heating	kW	5.06	5.80	6.64
EER Cooling / COP Heating		4.02 / 4.10	3.68 / 4.00	3.82 / 3.85
SEER / Energy Efficiency Class - Cooling		6.30 / A++	6.20 / A++	6.50 / A++
SCOP / Energy Efficiency Class - Heating		4.10 / A+	4.00 / A+	4.10 / A+
Annual Energy Consumption Cool / Heat	kWh/a	194 / 1,159	243 / 1,328	280 / 1,501
Pdesign Cooling / Heating (-10°C)	kW	3.5 / 3.4	4.3 / 3.8	5.2 / 4.4
Indoor Dimensions (H x W x D)	mm	300x700x700	300x700x700	300x1,000x700
Outdoor Dimensions (H x W x D)	mm	542x799x290	542x799x290	632x799x290
Weight Indoor / Outdoor	kg	27.0 / 33.0	27.0 / 33.0	35.0 / 36.0
Sound Pressure Level Indoor - min/max	dB(A)	24 / 32	25 / 33	20 / 28
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 25 (15) / 20	3 - 25 (15) / 20	3 - 30 (20) / 20
Additional Refrigerant Charge	g/m	20	20	20
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		0.85 / 0.574	0.85 / 0.574	1.02 / 0.689
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16
Indoor Unit		£740	£745	£760
Remote Controller (UTYRNRZY3)		£166	£166	£166
Long Life Filer Kit (UTDLFNC/B)		£66	£66	£66
Outdoor Unit		£675	£782	£906
System Price		£1,647	£1,759	£1,898

System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

Refer to page 033 for control options

Medium Static Pressure Duct Compact & Comfort - Single Phase

Size 22 & 24 Static Pressure Range 30 to 200 PA, Standard 35Pa

Size 30 Static Pressure Range 30 to 200 PA, Standard 47Pa



Indoor Unit		ARXG22KHTAP	ARXG24KHTAP	ARXG30KHTAP
Outdoor Unit		AOYG22KBTB	AOYG24KBTB	AOYG30KBTB
Nominal Cooling Capacity (Range)	kW	6.0 (0.9 - 6.7)	6.8 (0.9 - 8.0)	8.5 (2.8 - 10.0)
UK Cooling (Total / Sensible)	kW	5.85 / 4.75	6.63 / 5.13	8.08 / 6.39
Nominal Heating Capacity (Range)	kW	7.0 (0.9 - 8.0)	7.5 (0.9 - 9.1)	10.0 (2.7 - 11.2)
UK Heating	kW	6.91	7.86	9.63
EER Cooling / COP Heating		3.51 / 3.87	3.60 / 4.06	3.21 / 3.80
SEER / Energy Efficiency Class - Cooling		6.50 / A++	6.50 / A++	6.23 / A++
SCOP / Energy Efficiency Class - Heating		4.20 / A+	4.10 / A+	4.00 / A+
Annual Energy Consumption Cool / Heat	kWh/a	323 / 1,597	366 / 2,048	477 / 2,796
Pdesign Cooling / Heating (-10°C)	kW	6.0 / 4.8	6.8 / 6.0	8.5 / 8.0
Indoor Dimensions (H x W x D)	mm	300x1,000x700	300x1,000x700	300x1,000x700
Outdoor Dimensions (H x W x D)	mm	632x799x290	716x820x315	788x940x320
Weight Indoor / Outdoor	kg	35.0 / 38.0	36.0 / 42.0	36.0 / 52.0
Sound Pressure Level Indoor - min/max	dB(A)	20 / 28	21 / 32	29 / 36
Pipe Size (Liquid - Gas)	mm	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 30 (20) / 25	3 - 30 (20) / 25	3 - 50 (30) / 30
Additional Refrigerant Charge	g/m	20	20	40
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		1.25 / 0.844	1.25 / 0.844	1.90 / 1.283
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 25
Indoor Unit		£764	£839	£993
Remote Controller (UTYRNRZY3)		£166	£166	£166
Long Life Filer Kit (UTDLFNB)		£66	£66	£66
Outdoor Unit		£1,060	£1,167	£1,353
System Price		£2,056	£2,238	£2,578

System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

Refer to page 033 for control options

2021-22 MEDIUM STATIC DUCTED SPLITS - R32

Medium Static Pressure Duct Compact & Comfort - Single Phase



Size 36, Static Pressure Range 30 to 200 PA, Standard 47Pa

Size 45 & 54, Static Pressure Range 30 to 200 PA, Standard 60Pa

Indoor Unit		ARXG36KHTAP	ARXG45KHTAP	ARXG54KHTAP
Outdoor Unit		AOYG36KBTB	AOYG45KBTB	AOYG54KBTB
Nominal Cooling Capacity (Range)	kW	9.5 (2.8 - 11.2)	12.1 (4.0 - 14.0)	13.4 (4.5 - 14.5)
UK Cooling (Total / Sensible)	kW	9.03 / 7.50	11.54 / 9.52	12.78 / 10.04
Nominal Heating Capacity (Range)	kW	10.8 (2.7 - 12.7)	13.5 (4.2 - 16.2)	15.5 (4.7 - 16.5)
UK Heating	kW	10.92	13.83	15.02
EER Cooling / COP Heating		3.32 / 4.35	3.43 / 4.01	3.03 / 3.98
SEER / Energy Efficiency Class - Cooling		6.10 / A++	5.83 / -	5.81 / -
SCOP / Energy Efficiency Class - Heating		4.20 / A+	3.87 / -	3.85 / -
Annual Energy Consumption Cool / Heat	kWh/a	544 / 2,898	- / -	- / -
Pdesign Cooling / Heating (-10°C)	kW	9.5 / 8.7	- / -	- / -
Indoor Dimensions (H x W x D)	mm	300x1,400x700	300x1,400x700	300x1,400x700
Outdoor Dimensions (H x W x D)	mm	788x940x320	998x940x320	998x940x320
Weight Indoor / Outdoor	kg	46.0 / 52.0	46.0 / 67.0	46.0 / 67.0
Sound Pressure Level Indoor - min/max	dB(A)	26 / 36	29 / 39	29 / 39
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 50 (30) / 30	3 - 50 (30) / 30	3 - 50 (30) / 30
Additional Refrigerant Charge	g/m	40	40	40
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		1.90/ 1.283	2.70/ 1.823	2.70/ 1.823
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 25	1Ph-230V-50Hz / 32	1Ph-230V-50Hz / 25
Indoor Unit		£1,042	£1,132	£1,485
Remote Controller (UTYRNRZY3)		£166	£166	£166
Long Life Filer Kit (UTDLFNA)		£66	£66	£66
Outdoor Unit		£1,685	£1,780	£1,855
System Price		£2,959	£3,144	£3,572

System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

Medium Static Pressure Duct Compact & Comfort - Three Phase



Size 36, Static Pressure Range 30 to 200 PA, Standard 47Pa

Size 45 & 54, Static Pressure Range 30 to 200 PA, Standard 60Pa

Indoor Unit		ARXG36KHTAP	ARXG45KHTAP	ARXG54KHTAP
Outdoor Unit		AOYG36KRTA	AOYG45KRTA	AOYG54KRTA
Nominal Cooling Capacity (Range)	kW	9.5 (2.8 - 11.2)	12.1 (4.0 - 14.0)	13.4 (4.5 - 14.5)
UK Cooling (Total / Sensible)	kW	9.03 / 7.50	11.54 / 9.52	12.78 / 10.04
Nominal Heating Capacity (Range)	kW	10.8 (2.7 - 12.7)	13.5 (4.2 - 16.2)	15.5 (4.7 - 16.5)
UK Heating	kW	10.92	14.74	15.02
EER Cooling / COP Heating		3.32 / 4.35	3.43 / 4.01	3.03 / 3.98
SEER / Energy Efficiency Class - Cooling		6.10 / A++	5.83 / -	5.81 / -
SCOP / Energy Efficiency Class - Heating		4.20 / A+	3.87 / -	3.85 / -
Annual Energy Consumption Cool / Heat	kWh/a	544 / 2,898	- / -	- / -
Pdesign Cooling / Heating (-10°C)	kW	9.5 / 8.7	- / -	- / -
Indoor Dimensions (H x W x D)	mm	300x1,400x700	300x1,400x700	300x1,400x700
Outdoor Dimensions (H x W x D)	mm	788x940x320	998x940x320	998x940x320
Weight Indoor / Outdoor	kg	46.0 / 53.0	46.0 / 67.0	46.0 / 67.0
Sound Pressure Level Indoor - min/max	dB(A)	26 / 36	29 / 39	29 / 39
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 50 (30) / 30	3 - 50 (30) / 30	3 - 50 (30) / 30
Additional Refrigerant Charge	g/m	40	40	40
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		1.90/ 1.283	2.70/ 1.823	2.70/ 1.823
Power Source / Suggested Fuse Size		3Ph-400V-50Hz / 16	3Ph-400V-50Hz / 16	3Ph-400V-50Hz / 16
Indoor Unit		£1,042	£1,132	£1,485
Remote Controller (UTYRNRZY3)		£166	£166	£166
Long Life Filer Kit (UTDLFNA)		£66	£66	£66
Outdoor Unit		£1,702	£1,859	£1,874
System Price		£2,976	£3,223	£3,591

System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

2021-22 MEDIUM STATIC DUCTED SPLITS - R32
Economy Range Medium Static Pressure Ducted - 1 Ph

Size 22 & 24, Static Pressure Range 30 to 150 PA, Standard 35Pa
Size 30, Static Pressure Range 30 to 150 PA, Standard 47Pa


Indoor Unit Outdoor Unit		ARXG22KMLA AOYG22KATA	ARXG24KMLA AOYG24KATA	ARXG30KMLA AOYG30KATA
Nominal Cooling Capacity (Range)	kW	6.0(0.9 - 6.3)	6.8(0.9 - 7.4)	8.5(2.8 - 9.6)
UK Cooling (Total / Sensible)	kW	5.65 / 4.23	6.63 / 4.86	8.08 / 6.23
Nominal Heating Capacity (Range)	kW	7.0(0.9 - 7.4)	7.5(0.9 - 8.6)	10.0(2.7 - 10.8)
UK Heating	kW	6.37	7.43	9.29
EER Cooling / COP Heating		3.13 / 3.50	3.11 / 3.75	3.06 / 3.61
SEER / Energy Efficiency Class - Cooling		5.80 / A+	5.90 / A+	5.80 / A+
SCOP / Energy Efficiency Class - Heating		3.80 / A	3.90 / A	3.90 / A
Annual Energy Consumption Cool / Heat	kWh/a	362 / 1,620	403 / 1,935	513 / 2,871
Pdesign Cooling / Heating (-10°C)	kW	6.0 / 4.4	6.8 / 5.4	8.5 / 8.0
Indoor Dimensions (H x W x D)	mm	270×1,135×700	270×1,135×700	270×1,135×700
Outdoor Dimensions (H x W x D)	mm	632×799×290	632×799×290	788×940×320
Weight Indoor / Outdoor	kg	35.0 / 36.0	35.0 / 38.0	38.0 / 52.0
Sound Pressure Level Indoor - min/max	dB(A)	25 / 31	25 / 31	26 / 42
Pipe Size (Liquid - Gas)	mm	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 25 (15) / 20	3 - 25(20) / 20	3 - 30(30) / 30
Additional Refrigerant Charge	g/m	20	20	0
Ref. Type (Global Warming Potential)		R32(675)	R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T		1.1/ 0.743	1.25/ 0.844	1.90/ 1.283
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 25
Indoor Unit		£754	£828	£983
Remote Controller (UTYRNRZY3)		£166	£166	£166
Filter UTDLF25NA / Spigot UTDRF204		£66 / £34	£66 / £34	£66 / £34
Outdoor Unit		£794	£872	£1,010
System Price		£1,814	£1,966	£2,259

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

 Refer to page [033](#) for control options

Economy Range Medium Static Pressure Ducted - 1 & 3 Ph

Size 36, Static Pressure Range 30 to 150 PA, Standard 47Pa
Size 45, Static Pressure Range 30 to 150 PA, Standard 60Pa


Indoor Unit Outdoor Unit		ARXG36KMLA AOYG36KATA	ARXG45KMLA AOYG45KATA	ARXG36KMLA AOYG36KQTA	ARXG45KMLA AOYG45KQTA
Nominal Cooling Capacity (Range)	kW	9.5(2.8 - 10.6)	12.1(4.0 - 12.6)	9.5(2.8 - 10.6)	12.1(4.0 - 12.6)
UK Cooling (Total / Sensible)	kW	9.03 / 6.83	11.54 / 8.64	9.03 / 6.83	11.54 / 8.64
Nominal Heating Capacity (Range)	kW	10.8(2.7 - 12.5)	13.5(4.2 - 15.0)	10.8(2.7 - 12.5)	13.5(4.2 - 15.0)
UK Heating	kW	10.75	13.65	10.75	13.65
EER Cooling / COP Heating		3.04 / 3.56	2.50 / 3.23	3.04 / 3.56	2.50 / 3.23
SEER / Energy Efficiency Class - Cooling		5.60 / A+	- / -	5.60 / A+	4.85 / -
SCOP / Energy Efficiency Class - Heating		3.90 / A	- / -	3.90 / A	3.55 / -
Annual Energy Consumption Cool / Heat	kWh/a	594 / 3,122	- / -	594 / 3,122	- / -
Pdesign Cooling / Heating (-10°C)	kW	9.5 / 8.7	- / -	9.5 / 8.7	- / -
Indoor Dimensions (H x W x D)	mm	270×1,135×700	270×1,135×700	270×1,135×700	270×1,135×700
Outdoor Dimensions (H x W x D)	mm	788×940×320	998×940×320	788×940×320	998×940×320
Weight Indoor / Outdoor	kg	38.0 / 52.0	39.0 / 61.0	38.0 / 53.0	39.0 / 62.0
Sound Pressure Level Indoor - min/max	dB(A)	26 / 42	28 / 42	26 / 42	28 / 42
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 30(30) / 30	3 - 30(30) / 30	3 - 30(30) / 30	3 - 30(30) / 30
Additional Refrigerant Charge	g/m	0	0	0	0
Ref. Type (Global Warming Potential)		R32(675)	R32(675)	R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T		1.90/ 1.283	2.4/ 1.620	1.9/ 1.283	2.4/ 1.620
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 25	1Ph-230V-50Hz / 32	3Ph-400V-50Hz / 16	3Ph-400V-50Hz / 16
Indoor Unit		£1,031	£1,121	£1,031	£1,121
Remote Controller (UTYRNRZY3)		£166	£166	£166	£166
Filter UTDLF25NA / Spigot UTDRF204		£66 / £34	£66 / £34	£66 / £34	£66 / £34
Outdoor Unit		£1,258	£1,376	£1,414	£1,548
System Price		£2,555	£2,763	£2,711	£2,935

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

 Refer to page [033](#) for control options

2021-22 MEDIUM STATIC DUCTED SPLITS - R32

Standard Range Medium Static Pressure Ducted - 1 Ph



Size 22 & 24, Static Pressure Range 30 to 150 PA, Standard 35Pa

Size 30, Static Pressure Range 30 to 150 PA, Standard 47Pa



Indoor Unit		ARXG22KMLA	ARXG24KMLA	ARXG30KMLA
Outdoor Unit		AOYG22KBTB	AOYG24KBTB	AOYG30KBTB
Nominal Cooling Capacity (Range)	kW	6.0 (0.9 - 6.7)	6.8 (0.9 - 8.0)	8.5 (2.8 - 10.0)
UK Cooling (Total / Sensible)	kW	5.85 / 4.37	6.63 / 4.86	8.08 / 6.23
Nominal Heating Capacity (Range)	kW	7.0 (0.9 - 8.0)	7.5 (0.9 - 9.1)	10.0 (2.7 - 11.2)
UK Heating	kW	6.91	7.86	9.63
EER Cooling / COP Heating		3.37 / 3.74	3.18 / 3.80	3.21 / 3.80
SEER / Energy Efficiency Class - Cooling		6.10 / A++	6.20 / A++	6.23 / A++
SCOP / Energy Efficiency Class - Heating		4.10 / A+	4.10 / A+	4.00 / A+
Annual Energy Consumption Cool / Heat	kWh/a	344 / 1,637	384 / 2,045	477 / 2,797
Pdesign Cooling / Heating (-10°C)	kW	6.0 / 4.8	6.8 / 6.0	8.5 / 8.0
Indoor Dimensions (H x W x D)	mm	270x1,135x700	270x1,135x700	270x1,135x700
Outdoor Dimensions (H x W x D)	mm	632x799x290	716x820x315	788x940x320
Weight Indoor / Outdoor	kg	35.0 / 38.0	35.0 / 42.0	38.0 / 52.0
Sound Pressure Level Indoor - min/max	dB(A)	25 / 31	25 / 31	26 / 42
Pipe Size (Liquid - Gas)	mm	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 30 (20) / 25	3 - 30 (20) / 25	3 - 50 (30) / 30
Additional Refrigerant Charge	g/m	20	20	40
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		1.25 / 0.844	1.25 / 0.844	1.90 / 1.283
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 25
Indoor Unit		£754	£828	£983
Remote Controller (UTYRNRZY3)		£166	£166	£166
Filter UTDLF25NA / Spigot UTDRF204		£66 / £34	£66 / £34	£66 / £34
Outdoor Unit		£1,060	£1,167	£1,353
System Price		£2,080	£2,261	£2,602

System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

Standard Range Medium Static Pressure Ducted - 1 & 3 Ph



Size 36, Static Pressure Range 30 to 150 PA, Standard 47Pa

Size 45, Static Pressure Range 30 to 150 PA, Standard 60Pa



Indoor Unit		ARXG36KMLA	ARXG45KMLA	ARXG36KMLA	ARXG45KMLA
Outdoor Unit		AOYG36KBTB	AOYG45KBTB	AOYG36KRTA	AOYG45KRTA
Nominal Cooling Capacity (Range)	kW	9.5 (2.8 - 11.2)	12.1 (4.0 - 13.0)	9.5 (2.8 - 11.2)	12.1 (4.0 - 13.0)
UK Cooling (Total / Sensible)	kW	9.03 / 6.83	11.54 / 8.64	9.03 / 6.83	11.54 / 8.64
Nominal Heating Capacity (Range)	kW	10.8 (2.7 - 12.7)	13.5 (4.2 - 15.2)	10.8 (2.7 - 12.7)	13.5 (4.2 - 15.2)
UK Heating	kW	10.92	13.83	10.92	13.83
EER Cooling / COP Heating		3.20 / 3.75	2.87 / 3.52	3.20 / 3.75	2.87 / 3.52
SEER / Energy Efficiency Class - Cooling		6.10 / A++	5.25 / -	6.10 / A++	5.25 / -
SCOP / Energy Efficiency Class - Heating		4.00 / A+	3.63 / -	4.00 / A+	3.63 / -
Annual Energy Consumption Cool / Heat	kWh/a	545 / 3,044	- / -	545 / 3,044	- / -
Pdesign Cooling / Heating (-10°C)	kW	9.5 / 8.7	- / -	9.5 / 8.7	- / -
Indoor Dimensions (H x W x D)	mm	270x1,135x700	270x1,135x700	270x1,135x700	270x1,135x700
Outdoor Dimensions (H x W x D)	mm	788x940x320	998x940x320	788x940x320	998x940x320
Weight Indoor / Outdoor	kg	38.0 / 52.0	39.0 / 67.0	38.0 / 53.0	39.0 / 67.0
Sound Pressure Level Indoor - min/max	dB(A)	26 / 42	28 / 42	26 / 42	28 / 42
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 50 (30) / 30	3 - 50 (30) / 30	3 - 50 (30) / 30	3 - 50 (30) / 30
Additional Refrigerant Charge	g/m	40	40	40	40
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		1.90 / 1.283	2.70 / 1.823	1.90 / 1.283	2.70 / 1.823
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 25	1Ph-230V-50Hz / 32	3Ph-400V-50Hz / 16	3Ph-400V-50Hz / 16
Indoor Unit		£1,031	£1,121	£1,031	£1,121
Remote Controller (UTYRNRZY3)		£166	£166	£166	£166
Filter UTDLF25NA / Spigot UTDRF204		£66 / £34	£66 / £34	£66 / £34	£66 / £34
Outdoor Unit		£1,685	£1,780	£1,702	£1,859
System Price		£2,982	£3,167	£2,999	£3,246

System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

2021-22 HIGH STATIC DUCTED SPLITS - R32 & R410A

High Static Pressure Ducted - Single Phase & Three Phase



Static Pressure Range 100 to 250 PA, Standard 100Pa



Indoor Unit Outdoor Unit		ARXG45KHTA AOYG45KBTB	ARXG54KHTA AOYG54KBTB	ARXG45KHTA AOYG45KRTA	ARXG54KHTA AOYG54KRTA
Nominal Cooling Capacity (Range)	kW	12.1 (4.0 - 14.0)	13.4 (5.0 - 14.5)	12.1 (4.0 - 14.0)	13.4 (5.0 - 14.5)
UK Cooling (Total / Sensible)	kW	11.54 / 9.68	12.78 / 10.60	11.54 / 9.68	12.78 / 10.60
Nominal Heating Capacity (Range)	kW	13.5 (5.0 - 16.2)	15.5 (5.5 - 18.0)	13.5 (5.0 - 16.2)	15.5 (5.5 - 18.0)
UK Heating	kW	14.74	16.38	14.74	16.38
EER Cooling / COP Heating		2.91 / 3.74	2.81 / 3.71	2.91 / 3.74	2.81 / 3.71
SEER / Energy Efficiency Class - Cooling		4.60 / -	4.60 / -	4.60 / -	4.60 / -
SCOP / Energy Efficiency Class - Heating		3.40 / -	3.40 / -	3.40 / -	3.40 / -
Annual Energy Consumption Cool / Heat	kWh/a	- / -	- / -	- / -	- / -
Pdesign Cooling / Heating (-10°C)	kW	- / -	- / -	- / -	- / -
Indoor Dimensions (H x W x D)	mm	400x1,050x500	400x1,050x500	400x1,050x500	400x1,050x500
Outdoor Dimensions (H x W x D)	mm	998x940x320	998x940x320	998x940x320	998x940x320
Weight Indoor / Outdoor	kg	46.0 / 67.0	46.0 / 67.0	46.0 / 67.0	46.0 / 67.0
Sound Pressure Level Indoor - min/max	dB(A)	40 / 47	40 / 47	40 / 47	40 / 47
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 50 (30) / 30	3 - 50 (30) / 30	3 - 50 (30) / 30	3 - 50 (30) / 30
Additional Refrigerant Charge	g/m	40	40	40	40
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		2.70/ 1.823	2.70/ 1.823	2.70/ 1.823	2.70/ 1.823
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 32	1Ph-230V-50Hz / 32	3Ph-400V-50Hz / 16	3Ph-400V-50Hz / 16
Indoor Unit		£1,423	£1,753	£1,423	£1,753
Remote Controller (UTYRVNYM)		£119	£119	£119	£119
Long Life Filter (UTDLF60KA)		£103	£103	£103	£103
Outdoor Unit		£1,780	£1,855	£1,859	£1,874
System Price		£3,425	£3,830	£3,504	£3,849

System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

Refer to page 033 for control options

High Static Pressure Ducted - Single Phase & Three Phase



Static Pressure Range 100 to 250 PA, Standard 60Pa



Indoor Unit Outdoor Unit		ARYG60LHTA AOYG60LATT
Nominal Cooling Capacity (Range)	kW	15.0 (6.2 - 17.5)
UK Cooling (Total / Sensible)	kW	13.47 / 12.77
Nominal Heating Capacity (Range)	kW	18.0 (6.2 - 20.0)
UK Heating	kW	16.64
EER Cooling / COP Heating		3.19 / 3.50
SEER / Energy Efficiency Class - Cooling		4.86 / -
SCOP / Energy Efficiency Class - Heating		3.60 / -
Annual Energy Consumption Cool / Heat	kWh/a	- / -
Pdesign Cooling / Heating (-10°C)	kW	- / -
Indoor Dimensions (H x W x D)	mm	425x1,250x490
Outdoor Dimensions (H x W x D)	mm	1,290x900x330
Weight Indoor / Outdoor	kg	54.0 / 104.0
Sound Pressure Level Indoor - min/max	dB(A)	- / 45
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 75 (30) / 30
Additional Refrigerant Charge	g/m	50
Ref. Type (Global Warming Potential)		R410A (2,088)
Refrigerant Charge kg / CO2eq-T		3.45 / 7.204
Power Source / Suggested Fuse Size		3Ph-400V-50Hz / 16
Indoor Unit		£1,644
Remote Controller (UTRVNYM)		£119
Outdoor Unit		£2,506
System Price		£4,269

System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

2021-22 BIG DUCT & FLOOR STANDING SPLITS - R410A

Big Duct - Three Phase

Size 72, Static Pressure Range 50 to 150 PA, Standard 72Pa

Size 90, Static Pressure Range 50 to 200 PA, Standard 72Pa



Indoor Unit		ARYG72LHTA	ARYG90LHTA
Outdoor Unit		AOYG72LRLA	AOYG90LRLA
Nominal Cooling Capacity (Range)	kW	19.0 (8.4 - 20.9)	22.0 (10.3 - 24.2)
UK Cooling (Total / Sensible)	kW	18.96 / 14.65	21.95 / 16.62
Nominal Heating Capacity (Range)	kW	22.4 (7.2 - 24.6)	27.0 (8.5 - 29.7)
UK Heating	kW	21.54	26.00
EER Cooling / COP Heating		2.94 / 3.40	2.83 / 3.30
SEER / Energy Efficiency Class - Cooling		5.22 / -	5.14 / -
SCOP / Energy Efficiency Class - Heating		3.94 / -	3.92 / -
Annual Energy Consumption Cool / Heat	kWh/a	- / -	- / -
Pdesign Cooling / Heating (-10°C)	kW	- / -	- / -
Indoor Dimensions (H x W x D)	mm	360×1,400×850	360×1,400×850
Outdoor Dimensions (H x W x D)	mm	1,428×1,080×480	1,428×1,080×480
Weight Indoor / Outdoor	kg	69.0 / 165.0	80.0 / 174.0
Sound Pressure Level Indoor - min/max	dB(A)	39 / 46	40 / 47
Pipe Size (Liquid - Gas)	mm	12.7 - 25.4	12.7 - 25.4
Min - Max Pipe Len. (Precharge) / Height Diff.	m	5 - 100 (30) / 30	5 - 100 (30) / 30
Additional Refrigerant Charge	g/m	3/8 = 50 & 1/2 = 110	3/8 = 50 & 1/2 = 110
Ref. Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T		5.6 / 11.693	7.1 / 14.825
Power Source / Suggested Fuse Size		Outdoor 3Ph-400V-50Hz Indoor 1Ph-230V-50Hz / Outdoor 16A per phase Indoor 6A	
Indoor Unit		£1,808	£2,222
Remote Controller		RC Included	RC Included
Filter Kit UTDLFKA		£66	£66
Outdoor Unit		£3,447	£3,593
System Price		£5,321	£5,881

System operating range, -15°C to 46°C Cooling -20°C to 24°C Heating

Refer to page 033 for control options

Floor & Floor / Ceiling Dual Design - Single Phase

Size 9,12 & 14 are Floor Standing Only (R32)

Size 18 & 24 are Floor or Ceiling (R410A)



Indoor Unit		AGYG09KVCA	AGYG12KVCA	AGYG14KVCA	ABYG18LVTB	ABYG24LVTB
Outdoor Unit		AOYG09KVCA	AOYG12KVCA	AOYG14KVCA	AOYG18LVCB	AOYG24LVCB
Nominal Cooling Capacity (Range)	kW	2.6 (0.9 - 3.5)	3.5 (0.9 - 4.0)	4.2 (0.9 - 5.0)	5.2 (0.9 - 5.9)	6.8 (0.9 - 8.0)
UK Cooling (Total / Sensible)	kW	2.40 / 2.33	3.36 / 2.76	3.99 / 3.27	4.96 / 3.59	6.50 / 4.74
Nominal Heating Capacity (Range)	kW	3.5 (0.9 - 5.1)	4.5 (0.9 - 5.3)	5.2 (0.9 - 6.3)	6.0 (0.9 - 7.5)	8.0 (0.9 - 9.1)
UK Heating	kW	4.50	4.67	6.46	7.10	8.18
EER Cooling / COP Heating		4.70 / 4.30	4.00 / 3.70	3.95 / 3.70	3.21 / 3.61	3.08 / 3.54
SEER / Energy Efficiency Class - Cooling		8.50 / A+++	8.20 / A++	8.10 / A++	6.10 / A++	5.60 / A+
SCOP / Energy Efficiency Class - Heating		4.30 / A+	4.10 / A+	4.00 / A+	4.00 / A+	3.90 / A
Annual Energy Consumption Cool / Heat	kWh/a	103 / 845	149 / 1192	181 / 1466	298 / 1,818	425 / 2,153
Pdesign Cooling / Heating (-10°C)	kW	2.5 / 2.6	3.5 / 3.5	4.2 / 4.2	5.2 / 5.2	6.8 / 6.0
Indoor Dimensions (H x W x D)	mm	600×740×200	600×740×200	600×740×200	199×990×655	199×990×655
Outdoor Dimensions (H x W x D)	mm	542×799×290	542×799×290	632×799×290	632×799×290	716×820×315
Weight Indoor / Outdoor	kg	14.0 / 36.0	14.0 / 36.0	14.0 / 40.0	27.0 / 36.0	27.0 / 42.0
Sound Pressure Level Indoor - min/max	dB(A)	22 / 41	22 / 41	22 / 44	31 / 43	35 / 48
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 20 (15) / 15	3 - 20 (15) / 15	3 - 20 (15) / 15	5 - 25 (15) / 15	5 - 30 (15) / 20
Additional Refrigerant Charge	g/m	20	20	20	20	20
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T		0.85 / 574	0.85 / 574	0.94 / 635	1.20 / 2.506	1.50 / 3.132
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 20
Indoor Unit		£541	£620	£714	£773	£970
Remote Controller		IR Included	IR Included	IR Included	IR Included	IR Included
Outdoor Unit		£689	£758	£872	£863	£1,063
System Price		£1,230	£1,378	£1,586	£1,636	£2,033

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

Refer to page 033 for control options

2021-22 CEILING SUSPENDED SPLITS - R32
Economy Range - Ceiling Suspended - Single Phase


Indoor Unit Outdoor Unit		ABYG18KRTA AOYG18KATA	ABYG22KRTA AOYG22KATA	ABYG24KRTA AOYG24KATA	ABYG30KRTA AOYG30KATA
Nominal Cooling Capacity (Range)	kW	5.2(0.9 - 5.4)	6.0(0.9 - 6.3)	6.8(0.9 - 7.4)	8.5(2.8 - 9.6)
UK Cooling (Total / Sensible)	kW	5.01 / 3.62	5.85 / 4.12	6.63 / 4.97	8.08 / 5.23
Nominal Heating Capacity (Range)	kW	6.0(0.9 - 6.3)	7.0(0.9 - 7.4)	7.5(0.9 - 8.6)	10.0(2.7 - 10.8)
UK Heating	kW	5.58	6.39	7.43	9.29
EER Cooling / COP Heating		3.13 / 3.51	- / -	3.11 / 3.75	3.06 / 3.50
SEER / Energy Efficiency Class - Cooling		5.80 / A+	5.60 / A+	6.00 / A+	5.80 / A+
SCOP / Energy Efficiency Class - Heating		3.80 / A	3.80 / A	3.90 / A	3.90 / A
Annual Energy Consumption Cool / Heat	kWh/a	- / -	- / -	- / -	- / -
Pdesign Cooling / Heating (-10°C)	kW	5.2 / 3.8	6.0 / 4.4	6.8 / 5.4	8.5 / 8.0
Indoor Dimensions (H x W x D)	mm	235×1,080×705	235×1,080×705	235×1,390×705	235×1,390×705
Outdoor Dimensions (H x W x D)	mm	542×799×290	632×799×290	632×799×290	788×940×320
Weight Indoor / Outdoor	kg	24.0 / 33.0	24.0 / 36.0	31.0 / 38.0	31.0 / 52.0
Sound Pressure Level Indoor - min/max	dB(A)	- / 38	- / 42	- / 41	- / 45
Pipe Size (Liquid - Gas)	mm	1/4" - 12.7	1/4" - 12.7	1/4" - 12.7	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 20(15) / 15	3 - 25(15) / 20	3 - 25(20) / 20	3 - 30(30) / 30
Additional Refrigerant Charge	g/m	20	20	20	0
Ref. Type (Global Warming Potential)		R32(675)	R32(675)	R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T		0.9 / 0.608	1.1 / 0.743	1.25 / 0.844	1.90 / 1.283
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 25
Indoor Unit		£584	£755	£775	£1,082
Remote Controller (UTYRNRZY3)		£166	£166	£166	£166
Outdoor Unit		£704	£794	£872	£1,010
System Price		£1,454	£1,715	£1,813	£2,258

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

 Refer to page [033](#) for control options

Economy Range - Ceiling Suspended - Single & Three Phase


Indoor Unit Outdoor Unit		ABYG36KRTA AOYG36KATA	ABYG45KRTA AOYG45KATA	ABYG36KRTA AOYG36KQTA	ABYG45KRTA AOYG45KQTA
Nominal Cooling Capacity (Range)	kW	9.5(2.8 - 10.6)	12.1(4.0 - 12.6)	9.5(2.8 - 10.6)	12.1(4.0 - 12.6)
UK Cooling (Total / Sensible)	kW	9.03 / 7.44	11.54 / 8.37	9.03 / 7.44	11.54 / 8.37
Nominal Heating Capacity (Range)	kW	10.8(2.7 - 12.5)	13.5(4.2 - 15.0)	10.8(2.7 - 12.5)	13.5(4.2 - 15.0)
UK Heating	kW	10.75	13.65	10.75	13.65
EER Cooling / COP Heating		3.04 / 3.56	2.50 / 3.23	3.04 / 3.56	2.50 / 3.23
SEER / Energy Efficiency Class - Cooling		5.60 / A+	- / -	5.60 / A+	- / -
SCOP / Energy Efficiency Class - Heating		3.90 / A	- / -	3.90 / A	- / -
Annual Energy Consumption Cool / Heat	kWh/a	- / -	- / -	- / -	- / -
Pdesign Cooling / Heating (-10°C)	kW	9.5 / 8.7	12.1 / 9.2	9.5/-	12.1/-
Indoor Dimensions (H x W x D)	mm	235×1,700×705	235×1,700×705	235×1,700×705	235×1,700×705
Outdoor Dimensions (H x W x D)	mm	788×940×320	988×940×320	788×940×320	998×940×320
Weight Indoor / Outdoor	kg	38.0 / 52.0	38.0 / 61.0	38.0 / 53.0	38.0 / 62.0
Sound Pressure Level Indoor - min/max	dB(A)	32 / 44	34 / 45	32 / 44	34 / 45
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 30(30) / 30	3 - 50(30) / 30	3 - 30(30) / 30	3 - 50(30) / 30
Additional Refrigerant Charge	g/m	0	0	0	0
Ref. Type (Global Warming Potential)		R32(675)	R32(675)	R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T		1.90 / 1.283	2.70 / 1.823	1.90 / 1.283	2.70 / 1.823
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 25	1Ph-230V-50Hz / 32	3Ph-400V-50Hz / 16	3Ph-400V-50Hz / 16
Indoor Unit		£1,159	£1,381	£1,159	£1,381
Remote Controller (UTYRNRZY3)		£166	£166	£166	£166
Outdoor Unit		£1,258	£1,376	£1,414	£1,548
System Price		£2,583	£2,923	£2,739	£3,095

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

 Refer to page [033](#) for control options

2021-22 CEILING SUSPENDED SPLITS - R32

Standard Range - Ceiling Suspended - Single Phase



Indoor Unit Outdoor Unit		ABYG18KRTA AOYG18KBTB	ABYG22KRTA AOYG22KBTB	ABYG24KRTA AOYG24KBTB	ABYG30KRTA AOYG30KBTB
Nominal Cooling Capacity (Range)	kW	5.2(0.9 - 5.9)	6.0(0.9 - 6.7)	6.8(0.9 - 8.0)	8.5(2.8 - 10.0)
UK Cooling (Total / Sensible)	kW	5.01 / 3.62	5.85 / 4.12	6.63 / 4.97	8.08 / 5.23
Nominal Heating Capacity (Range)	kW	6.0(0.9 - 7.5)	7.0(0.9 - 8.0)	7.5(0.9 - 9.1)	10.0(2.7 - 11.2)
UK Heating	kW	6.64	6.91	7.86	9.63
EER Cooling / COP Heating		3.35 / 3.70	3.21 / 3.59	3.18 / 3.81	3.21 / 3.61
SEER / Energy Efficiency Class - Cooling		6.20 / A++	6.10 / A++	6.20 / A++	6.10 / A++
SCOP / Energy Efficiency Class - Heating		4.10 / A+	4.00 / A+	4.10 / A+	4.00 / A+
Annual Energy Consumption Cool / Heat	kWh/a	298 / 1,501	344 / 1,677	384 / 2,042	486 / 2,796
Pdesign Cooling / Heating (-10°C)	kW	5.2 / 4.4	6.0 / 4.8	6.8 / 6.0	8.5 / 8.0
Indoor Dimensions (H x W x D)	mm	235×1,080×705	235×1,080×705	235×1,390×705	235×1,390×705
Outdoor Dimensions (H x W x D)	mm	632×799×290	632×799×290	716×820×315	788×940×320
Weight Indoor / Outdoor	kg	24.0 / 36.0	24.0 / 38.0	31.0 / 42.0	31.0 / 52.0
Sound Pressure Level Indoor - min/max	dB(A)	31 / 38	31 / 42	29 / 41	32 / 45
Pipe Size (Liquid - Gas)	mm	1/4" - 12.7	1/4" - 12.7	1/4" - 12.7	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 30(20) / 20	3 - 30(20) / 25	3 - 30(20) / 25	3 - 50(30) / 30
Additional Refrigerant Charge	g/m	20	20	20	40
Ref. Type (Global Warming Potential)		R32(675)	R32(675)	R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T		1.02 / 0.689	1.25 / 0.844	1.25 / 0.844	1.90 / 1.283
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 25
Indoor Unit		£584	£755	£775	£1,082
Remote Controller (UTYRNRZY3)		£166	£166	£166	£166
Outdoor Unit		£906	£1,060	£1,167	£1,353
System Price		£1,656	£1,981	£2,108	£2,601

System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

Standard Range - Ceiling Suspended - Single & Three Phase



Indoor Unit Outdoor Unit		ABYG36KRTA AOYG36KBTB	ABYG45KRTA AOYG45KBTB	ABYG36KRTA AOYG36KRTA	ABYG45KRTA AOYG45KRTA	ABYG54KRTA AOYG54KRTA
Nominal Cooling Capacity (Range)	kW	9.5(2.8 - 11.2)	12.1(4.0 - 13.5)	9.5(2.8 - 11.2)	12.1(4.0 - 13.5)	13.4(4.5 - 14.5)
UK Cooling (Total / Sensible)	kW	9.03 / 7.44	11.54 / 8.37	TBC / TBC	TBC / TBC	TBC / TBC
Nominal Heating Capacity (Range)	kW	10.8(2.7 - 12.7)	13.5(4.2 - 16.2)	10.8(2.7 - 12.7)	13.5(4.2 - 16.2)	15.5(4.7 - 16.5)
UK Heating	kW	10.92	14.74	TBC	TBC	TBC
EER Cooling / COP Heating		3.21 / 3.75	2.87 / 3.52	3.21 / 3.75	2.87 / 3.52	3.01 / 3.50
SEER / Energy Efficiency Class - Cooling		6.37 / A++	- / -	6.37 / A++	- / -	- / -
SCOP / Energy Efficiency Class - Heating		4.21 / A+	- / -	4.21 / A+	- / -	- / -
Annual Energy Consumption Cool / Heat	kWh/a	524 / 2,904	- / -	524 / 2,904	- / -	- / -
Pdesign Cooling / Heating (-10°C)	kW	9.5 / 8.7	12.1 / 9.2	9.5 / 8.7	12.1 / 9.2	13.4 / -
Indoor Dimensions (H x W x D)	mm	235×1,700×705	235×1,700×705	235×1,700×705	235×1,700×705	235×1,700×705
Outdoor Dimensions (H x W x D)	mm	788×940×320	998×940×320	788×940×320	998×940×320	998×940×320
Weight Indoor / Outdoor	kg	38.0 / 52.0	38.0 / 67.0	38.0 / 53.0	38.0 / 67.0	40.0 / 67.0
Sound Pressure Level Indoor - min/max	dB(A)	32 / 44	34 / 45	32 / 44	34 / 45	48 / 48
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	3 - 50 (30) / 30	3 - 50 (30) / 30	3 - 50 (30) / 30	3 - 50 (30) / 30	3 - 50 (30) / 30
Additional Refrigerant Charge	g/m	40	40	40	40	40
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32(675)	R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T		1.90 / 1.283	2.70 / 1.823	1.90 / 1.283	2.70 / 1.823	2.7 / 1.823
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 25	1Ph-230V-50Hz / 32	3Ph-400V-50Hz / 16 per phase		
Indoor Unit		£1,159	£1,381	£1,159	£1,381	£1,846
Remote Controller (UTYRNRZY3)		£166	£166	£166	£166	£166
Outdoor Unit		£1,685	£1,780	£1,702	£1,859	£1,874
System Price		£3,010	£3,327	£3,027	£3,406	£3,886

System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

SIMULTANEOUS MULTI OUTDOOR UNITS - R32

Twin / Triple Simultaneous Multi Outdoor Units - Single Phase

Please consult with the technical manuals for allowable system combinations

Different type and capacity indoors can not be connected to the same outdoor



Outdoor Unit		AOYG36KBTB	AOYG45KBTB	AOYG54KBTB
Maximum Connectable Indoor Units		Twin	Twin	Twin / Triple
Nominal Cooling Capacity (Range)	kW	9.5	12.1	13.4
Nominal Heating Capacity (Range)	kW	10.8	13.5	15.5
SEER / Energy Efficiency Class - Cooling		6.10 / A++	-	-
SCOP / Energy Efficiency Class - Heating		4.00 / A+	-	-
Annual Energy Consumption Cooling / Heating	kWh/a	545 / 3,044	-	-
Pdesign Cooling / Heating (-10°C)	kW	9.5 / 8.7	-	-
Dimensions (H x W x D)	mm	788x940x320	998x940x320	998x940x320
Weight	kg	52	67	67
Sound Pressure Level Cooling / Heating	dB(A)	55 / 55	57 / 57	57 / 59
Max Pipe Length (Precharge)	m	50 (30)	50 (30)	50 (30)
Max height Difference	m	30	30	30
Additional Refrigerant Charge	g/m	40	40	40
Refrigerant Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		1.90(1.283)	2.70(1.823)	2.70(1.823)
Operation Range Cooling		-15°C to 46°C	-15°C to 46°C	-15°C to 46°C
Operation Range Heating		-15°C to 24°C	-15°C to 24°C	-15°C to 24°C
Power Source / Suggested Fuse Size		1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz
Outdoor Price		£1,685	£1,780	£1,855

Twin / Triple Simultaneous Multi Outdoor Units - Three Phase

Outdoor Unit		AOYG36KRTA	AOYG45KRTA	AOYG54KRTA
Maximum Connectable Indoor Units		Twin	Twin	Twin / Triple
Nominal Cooling Capacity (Range)	kW	9.5	12.1	13.4
Nominal Heating Capacity (Range)	kW	10.8	13.5	15.5
SEER / Energy Efficiency Class - Cooling		6.10 / A++	-	-
SCOP / Energy Efficiency Class - Heating		4.00 / A+	-	-
Annual Energy Consumption Cooling / Heating	kWh/a	545 / 3,044	-	-
Pdesign Cooling / Heating (-10°C)	kW	9.5 / 8.7	-	-
Dimensions (H x W x D)	mm	788x940x320	998x940x320	998x940x320
Weight	kg	53	67	67
Sound Pressure Level Cooling / Heating	dB(A)	55 / 55	57 / 57	57 / 59
Max Pipe Length (Precharge)	m	50 (30)	50 (30)	50 (30)
Max height Difference	m	30	30	30
Additional Refrigerant Charge	g/m	40	40	40
Refrigerant Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		1.90(1.283)	2.70(1.823)	2.70(1.823)
Operation Range Cooling		-15°C to 46°C	-15°C to 46°C	-15°C to 46°C
Operation Range Heating		-15°C to 24°C	-15°C to 24°C	-15°C to 24°C
Power Source / Suggested Fuse Size		3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Price		£1,702	£1,859	£1,874

Compatible Indoor Units

Indoor Type	Compact Cassettes		
Model Number	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA
Indoor Price (including Grille)	£679	£732	£788
Indoor Type	Ducted (Prices do not include filter & spiggott kit)		
Model Number	ARXG18KLLAP	ARXG22KMLA	ARXG24KMLA
Indoor Price	£697	£754	£828

Accessories

Accessory Type	Twin Separation Tube	Triple Separation Tube	Remote Controller
Model Number	UTP-SX236A	UTP-SX354A	UTYRVNYM
Indoor Price	£78	£105	£119

SIMULTANEOUS MULTI OUTDOOR UNITS - R410A

Twin / Triple Simultaneous Multi Outdoor Units - Single & Three Phase



Outdoor Unit		AOYG36LBTB	AOYG54LBTB	AOYG36LATT	AOYG54LATT
Maximum Connectable Indoor Units		Twin	Twin / Triple	Twin	Twin / Triple
Nominal Cooling Capacity (Range)	kW	10.0	13.3	10.0	14.0
Nominal Heating Capacity (Range)	kW	11.2	16.0	11.2	16.0
SEER / Energy Efficiency Class - Cooling		5.56 / A	-	6.00 / A+	-
SCOP / Energy Efficiency Class - Heating		3.90 / A	-	4.00 / A+	-
Annual Energy Consumption Cooling / Heating	kWh/a	636 / 3,588	-	583 / 3,499	-
Pdesign Cooling / Heating (-10°C)	kW	10.0 / 10.0	-	10.0 / 10.0	-
Dimensions (H x W x D)	mm	1,290×900×330	1,290×900×330	1,290×900×330	1,290×900×330
Weight	kg	93	93	104	104
Sound Pressure Level Cooling / Heating	dB(A)	52 / 54	55 / 57	51 / 53	55 / 56
Max Pipe Length (Precharge)	m	75 (30)	75 (30)	75 (30)	75 (30)
Max height Difference	m	30	30	30	30
Additional Refrigerant Charge	g/m	TBC	TBC	TBC	TBC
Refrigerant Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T		3.45 (7.204)	3.45 (7.204)	3.45 (7.204)	3.45 (7.204)
Operation Range Cooling		-15°C to 46°C	-15°C to 46°C	-15°C to 46°C	-15°C to 46°C
Operation Range Heating		-15°C to 24°C	-15°C to 24°C	-15°C to 24°C	-15°C to 24°C
Power Source / Suggested Fuse Size		1Ph-230V-50Hz	1Ph-230V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Price		£1,666	£2,094	£1,673	£2,163

Compatible Indoor Units (Please consult with the technical manuals for allowable system combinations)

Compact Cassettes (Price Includes Grille)	AUYG18LVLB £921	AUYG24LVLA £1,053
Ducted	ARYG18LLTB £930	ARYG24LMLA £1,067
Floor / Ceiling Universal	ABYG18LVTB £773	ABYG24LVTA £970

Accessories

Twin Separation Tube	UTP-SX236A £78
Twin Separation Tube	UTP-SX254A £78
Triple Separation Tube	UTPSX354A £105
Remote Controller	UTYRVNYM £119

Different type and capacity indoors can not be connected to the same outdoor

Twin, Triple & Double Twin Simultaneous Multi Outdoor Units - Three Phase



Outdoor Unit		AOYG72LRLA	AOYG90LRLA
Maximum Connectable Indoor Units		Twin / Triple / Double Twin	Twin / Triple / Double Twin
Nominal Cooling Capacity (Range)	kW	19.0	22.0
Nominal Heating Capacity (Range)	kW	22.4	27.0
SEER / Energy Efficiency Class - Cooling		-	-
SCOP / Energy Efficiency Class - Heating		-	-
Annual Energy Consumption Cooling / Heating	kWh/a	-	-
Pdesign Cooling / Heating (-10°C)	kW	-	-
Dimensions (H x W x D)	mm	1,428×1,080×480	1,428×1,080×480
Weight	kg	163	172
Sound Pressure Level Cooling / Heating	dB(A)	55 / 55	55 / 57
Max Pipe Length (Precharge)	m	100 (30)	100 (30)
Max height Difference	m	30	30
Additional Refrigerant Charge	g/m	TBC	TBC
Refrigerant Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T		5.60 (11,693)	7.10 (14,825)
Operation Range Cooling		-15°C to 46°C	-15°C to 46°C
Operation Range Heating		-15°C to 24°C	-15°C to 24°C
Power Source / Suggested Fuse Size		3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Price		£3,447	£3,593

Compatible Indoor Units (Please consult with the technical manuals for allowable system combinations)

Compact Cassettes (Price Includes Grille)	AUYG18LVLB £921	AUYG24LVLA £1,053	AUYG30LRLR £1,031	AUYG36LRLR £1,140	AUYG45LRLA £1,201
4 Way Cassettes (Price Includes Grille)			AUYG30LMLE £1,308	ARYG36LMLE £1,308	ARYG45LMLA £1,412
Ducted	ARYG18LLTB £930	ARYG24LMLA £1,067	ARYG30LMLE £1,308	ARYG36LMLE £1,308	ARYG45LMLA £1,412
Floor / Ceiling Universal (18-24) & Ceiling (30-36)	ABYG18LVTB £773	ABYG24LVTA £970	ABYG30LRTE £1,263	ABYG36LRTE £1,575	

Different type and capacity indoors can not be connected to the same outdoor

Accessories

Separation Tube	Separation Tube	Separation Tube	Separation Tube	Remote Controller
UTPSX272A £154	UTPSX372A £211	UTPSX236A £78	UTPSX254A £78	UTYRVNYM £119

2021-22 MULTI SPLIT OUTDOOR UNITS - R32

Multi Split Outdoor Units - R32 - Single Phase

2 Way Multi Outdoors



Outdoor Unit		AOYG14KBT2	AOYG18KBT2
Maximum Connectable Indoor Units		2	2
Nominal Cooling Capacity (Range)	kW	4.0 (1.4-4.6)	5.0 (1.7-5.8)
Nominal Heating Capacity (Range)	kW	4.4 (1.1-5.5)	5.6 (1.8-6.6)
EER Cooling / COP Heating		4.12 / 4.63	4.03 / 4.59
Dimensions (H x W x D)	mm	542×799×290	632×799×290
Weight	kg	33	37
Sound Pressure Level Cooling / Heating	dB(A)	47 / 49	47 / 50
Max Pipe Length Total / Each	mm	30 / 20	30 / 20
Max height Difference - Between OU & Each IUt	m	15	15
Max height Difference - Between Indoor Units	m	10	10
Refrigerant Type (Global Warming Potential)		R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		0.9 (0.608)	1.02 (0.689)
Operation Range Cooling		-10°C to 46°C	-10°C to 46°C
Operation Range Heating		-15°C to 24°C	-15°C to 24°C
Power Source / Suggested Fuse Size		1Ph-230V-50Hz	1Ph-230V-50Hz
Outdoor Price		£1,089	£1,279



3 Way Multi Outdoors

Outdoor Unit		AOYG18KBT3	AOYG24KBT3
Maximum Connectable Indoor Units		3	3
Nominal Cooling Capacity (Range)	kW	5.4 (1.8-7.0)	6.8 (1.8-8.5)
Nominal Heating Capacity (Range)	kW	6.8 (2.0-8.0)	8.0 (2.0-9.2)
EER Cooling / COP Heating		4.78 / 4.89	3.90 / 4.40
Dimensions (H x W x D)	mm	716×820×315	716×820×315
Weight	kg	46	46
Sound Pressure Level Cooling / Heating	dB(A)	46 / 49	48 / 53
Max Pipe Length Total / Each	mm	50 / 25	50 / 25
Max height Difference - Between OU & Each IUt	m	15	15
Max height Difference - Between Indoor Units	m	10	10
Refrigerant Type (Global Warming Potential)		R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		1.80 (1,215)	1.80 (1,215)
Operation Range Cooling		-10°C to 46°C	-10°C to 46°C
Operation Range Heating		-15°C to 24°C	-15°C to 24°C
Power Source / Suggested Fuse Size		1Ph-230V-50Hz	1Ph-230V-50Hz
Outdoor Price		£1,442	£1,629



4 & 5 Way Multi Outdoors

Outdoor Unit		AOYG30KBT4	AOYG36KBT45
Maximum Connectable Indoor Units		4	5
Nominal Cooling Capacity (Range)	kW	8.0 (2.4-10.1)	9.5 (3.0-11.0)
Nominal Heating Capacity (Range)	kW	9.6 (3.0-11.2)	10.6 (3.5-12.0)
EER Cooling / COP Heating		3.90 / 4.55	3.80 / 4.50
Dimensions (H x W x D)	mm	844×820×315	844×820×315
Weight	kg	55	59
Sound Pressure Level Cooling / Heating	dB(A)	50 / 54	52 / 55
Max Pipe Length Total / Each	mm	70 / 25	75 / 25
Max height Difference - Between OU & Each IUt	m	15	15
Max height Difference - Between Indoor Units	m	10	10
Refrigerant Type (Global Warming Potential)		R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		2.20 (1,485)	2.50 (1,688)
Operation Range Cooling		-10°C to 46°C	-10°C to 46°C
Operation Range Heating		-15°C to 24°C	-15°C to 24°C
Power Source / Suggested Fuse Size		1Ph-230V-50Hz	1Ph-230V-50Hz
Outdoor Price		£2,224	£2,756

Multi Split Indoor Units - Please consult with the technical manuals for allowable system combinations

Wall Mounted KMCC Indoor Units



Model Number	ASYG07KMCC	ASYG09KMCC	ASYG12KMCC	ASYG14KMCC
kW Class	2.0	2.5	3.5	4.0
Indoor Price	£257	£291	£314	£372

Wall Mounted KGTB Indoor Units



Model Number	ASYG07KGTB	ASYG09KGTB	ASYG12KGTB	ASYG14KGTB
kW Class	2.0	2.5	3.5	4.0
Indoor Price	£302	£328	£378	£425

Designer Wall Mounted Indoor Units, KETA = White, KETA-B = Silver



Model Number	ASYG07KETA(-B)	ASYG09KETA(-B)	ASYG12KETA(-B)	ASYG14KETA(-B)
kW Class	2.0	2.5	3.5	4.0
Indoor Price	£320	£330	£358	£435

Standard Series Wall Mounted Indoor Units



Model Number	ASYG18KMTB	ASYG22KMTB	ASYG24KMTB
kW Class	4.8	6.0	7.0
Indoor Price	£508	£637	£747

Compact Cassette Grid Type Indoor Units



Model Number	AUXG07KVLA	AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA
kW Class	2.0	2.5	3.5	4.0	4.8	6.0
Indoor Price (including grille, exc controller)	£543	£554	£580	£652	£679	£731

Mini Duct Indoor Units



Model Number	ARXG07KSLAP	ARXG09KSLAP	ARXG12KSLAP	ARXG14KSLAP	ARXG18KSLAP
kW Class	2.0	2.5	3.5	4.0	4.8
Indoor Price (exc controller)	£568	£568	£691	£791	£809

Slim Duct Indoor Units



Model Number	ARXG07KLLAP	ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP
kW Class	2.0	2.5	3.5	4.0	4.8
Indoor Price (exc controller)	£499	£505	£543	£626	£697

Medium Static Ducted

Model Number	ARXG22KMLB
kW Class	6.0
Indoor Price (exc spigot, filter & controller)	£828

Floor Standing Indoor Units



Model Number	AGYG09KVCA	AGYG12KVCA	AGYG14KVCA
kW Class	2.5	3.5	4.0
Indoor Price	£541	£620	£714

Ceiling Suspended Indoor Units



Model Number	ABYG18KRTA	ABYG22KRTA
kW Class	4.8	6.0
Indoor Price (exc controller)	£584	£755

2021-22 MULTI OUTDOOR UNITS - R410A
6 Room Multi Split Outdoor Units - Single Phase


Please consult with the technical manuals for allowable system combinations



Outdoor Unit		AOYG45LBLA6
Maximum Connectable Indoor Units		6
Nominal Cooling Capacity (Range)	kW	12.5 (3.5-14.0)
Nominal Heating Capacity (Range)	kW	13.5 (3.5-16.0)
EER Cooling / COP Heating		3.50 / 4.00
Dimensions (H x W x D)	mm	998×970×370
Weight	kg	94
Sound Pressure Level Cooling / Heating	dB(A)	53 / 55
Max Pipe Length Total / Each	mm	80 / 25
Max height Difference - Between OU & Each IUt	m	15
Max height Difference - Between Indoor Units	m	10
Refrigerant Type (Global Warming Potential)		R410A (2,088)
Refrigerant Charge kg / CO2eq-T		4.00 (8.352)
Operation Range Cooling		-10°C to 46°C
Operation Range Heating		-15°C to 24°C
Power Source / Suggested Fuse Size		1Ph-230V-50Hz
Outdoor Price		£3,188

Available while stocks last - see page [024 - 025](#) for 2021-22 Range

2021-22 MULTI SPLIT INDOOR UNITS- R410A

Compact Wall Mounted LMCE Indoor Units

Model Number	ASYG07LMCE	ASYG09LMCE	ASYG12LMCE	ASYG14LMCE
kW Class	2.0	2.5	3.5	4.0
Dimensions H x W x D mm	270×870×204	270×870×204	270×870×204	270×870×204
Sound Pressure Level Cooling / Heating dB(A)	51 / 51	52 / 52	54 / 55	56 / 57
Indoor Price	£304	£329	£374	£459

Compact Wall Mounted LUCA Indoor Units

Model Number	ASYG14LUCA
kW Class	4.0
Dimensions H x W x D mm	282×870×185
Sound Pressure Level Cooling / Heating dB(A)	59 / 59
Indoor Price	£624

Compact Wall Mounted LF Indoor Units

Model Number	ASYG18LFCA	ASYG24LFCC
kW Class	5.0	7.0
Dimensions H x W x D mm	320×998×238	320×998×238
Sound Pressure Level Cooling / Heating dB(A)	58 / 58	64 / 64
Indoor Price	£508	£752

Wall Mounted KMCC Indoor Units

Model Number	ASYG07KMCC	ASYG09KMCC	ASYG12KMCC	ASYG14KMCC
kW Class	2.0	2.5	3.5	4.0
Dimensions H x W x D mm	270×834×222	270×834×222	270×834×222	270×834×222
Sound Pressure Level Cooling / Heating dB(A)	55 / 56	55 / 57	55 / 58	57 / 59
Indoor Price	£257	£291	£314	£372

Compact Cassette Indoor Units

Model Number	AUYG07LVLA	AUYG09LVLA	AUYG12LVLB	AUYG14LVLB	AUYG18LVLB
kW Class	2.0	2.5	3.5	4.0	5.0
Dimensions H x W x D mm	245×570×570	245×570×570	245×570×570	245×570×570	245×570×570
Sound Pressure Level Cooling / Heating dB(A)	46 / 47	46 / 47	49 / 49	52 / 52	54 / 56
Indoor Price (including Grille)	£562	£567	£593	£819	£921

Mini Duct Indoor Units (Size 7, 9 & 12 0 - 30 Pa, Size 14 & 18 0 - 50 Pa)

Model Number	ARYG07LSLAP	ARYG09LSLAP	ARYG12LSLAP	ARYG14LSLAP	ARYG18LSLAP
kW Class	2.0	2.5	3.5	4.0	5.0
Dimensions H x W x D mm	198×700×450	198×700×450	198×700×450	198×700×450	198×900×450
Sound Pressure Level Cooling / Heating dB(A)	52 / 53	54 / 56	55 / 57	60 / 62	58 / 59
Indoor Price	£570	£578	£691	£745	£888

Slim Duct Indoor Units (0 - 90Pa)

Model Number	ARYG07LLTA	ARYG09LLTA	ARYG12LLTB	ARYG14LLTB	ARYG18LLTB
kW Class	2.0	2.5	3.5	4.0	5.0
Dimensions H x W x D mm	198×700×620	198×700×620	198×700×620	198×700×620	198×900×620
Sound Pressure Level Cooling / Heating dB(A)	57 / 57	57 / 57	58 / 58	60 / 61	58 / 59
Indoor Price	£569	£576	£649	£785	£930

Floor Standing Indoor Units

Model Number	AGYG09LVCA	AGYG12LVCA	AGYG14LVCA
kW Class	2.5	3.5	4.0
Dimensions H x W x D mm	600×740×200	600×740×200	600×740×200
Sound Pressure Level Cooling / Heating dB(A)	52 / 52	55 / 55	56 / 56
Indoor Price	£541	£620	£714

Floor / Ceiling Indoor Units

Model Number	ABYG14LVTA	ABYG18LVTB
kW Class	4.0	5.0
Dimensions H x W x D mm	199×990×655	199×990×655
Sound Pressure Level Cooling / Heating dB(A)	51 / 51	55 / 55
Indoor Price	£465	£773

Available while stocks last - see page [024 - 025](#) for 2021-22 Range

PREVIOUS GENERATION - WALL MOUNTED & COMPACT CASSETTE SPLITS - R410A

Standard Series High Efficiency & Comfort - Single Phase

Available while stocks last - see page [005](#) for 2021-22 Range



Indoor Unit		ASYG07LMCE	ASYG09LMCE	ASYG14LMCE
Outdoor Unit		AOYG07LMCE	AOYG09LMCE	AOYG14LMCE
Nominal Cooling Capacity (Range)	kW	2.0(0.5 - 3.0)	2.5(0.5 - 3.2)	4.0(0.9 - 4.4)
UK Cooling (Total / Sensible)	kW	1.94 / 1.30	2.42 / 1.59	3.87 / 2.52
Nominal Heating Capacity (Range)	kW	3.0(0.5 - 3.4)	3.2(0.5 - 4.0)	5.0(0.9 - 6.0)
UK Heating	kW	3.03	3.33	5.06
EER Cooling / COP Heating		4.30 / 4.38	3.85 / 4.38	3.52 / 3.66
SEER / Energy Efficiency Class - Cooling		6.80 / A++	7.00 / A++	6.90 / A++
SCOP / Energy Efficiency Class - Heating		4.10 / A+	4.10 / A+	4.00 / A+
Annual Energy Consumption Cool / Heat	kWh/a	103 / 786	125 / 820	203 / 1,365
Pdesign Cooling / Heating (-10°C)	kW	2.0 / 2.3	2.5 / 2.4	4.0 / 3.9
Indoor Dimensions (H x W x D)	mm	270×870×204	270×870×204	270×870×204
Outdoor Dimensions (H x W x D)	mm	535×663×293	535×663×293	540×790×290
Weight Indoor / Outdoor	kg	8.5 / 21.0	8.5 / 21.0	8.5 / 34.0
Sound Pressure Level Indoor - min/max	dB(A)	21 / 43	21 / 43	25 / 44
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	5 - 20(15) / 15	5 - 20(15) / 15	5 - 20(15) / 15
Additional Refrigerant Charge	g/m	20	20	20
Ref. Type (Global Warming Potential)		R410A(2,088)	R410A(2,088)	R410A(2,088)
Refrigerant Charge kg / CO2eq-T		0.70 / 1.462	0.70 / 1.462	1.05 / 2.192
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 16
Indoor Unit		£304	£329	£459
Remote Controller		IR Included	IR Included	IR Included
Outdoor Unit		£372	£398	£562
System Price		£676	£727	£1,021

System operating range, -10°C to 43°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

Compact 4-way Flow Series Compact & Comfort - Single Phase

Available while stocks last - see page [008 - 009](#) for 2021-22 Range



Indoor Unit		AUYG12LVLB	AUYG14LVLB	AUYG18LVLB	AUYG24LVLB
Outdoor Unit		AOYG12LALL	AOYG14LALL	AOYG18LBCB	AOYG24LBCB
Nominal Cooling Capacity (Range)	kW	3.5 (0.9 - 4.4)	4.3 (0.9 - 5.4)	5.2 (0.9 - 5.9)	6.8 (0.9 - 8.0)
UK Cooling (Total / Sensible)	kW	4.35 / 2.98	4.98 / 3.39	4.95 / 3.42	6.46 / 4.72
Nominal Heating Capacity (Range)	kW	4.1 (0.9 - 5.7)	5.0 (0.9 - 6.5)	6.0 (0.9 - 7.5)	8.0 (0.9 - 9.1)
UK Heating	kW	5.05	6.07	7.00	8.18
EER Cooling / COP Heating		3.33 / 3.69	3.21 / 3.71	3.21 / 3.61	3.08 / 3.54
SEER / Energy Efficiency Class - Cooling		6.20 / A++	6.40 / A++	6.20 / A++	5.60 / A+
SCOP / Energy Efficiency Class - Heating		4.10 / A+	4.40 / A+	4.20 / A+	3.90 / A
Annual Energy Consumption Cool / Heat	kWh/a	198 / 1,431	235 / 1,432	293 / 1,732	425 / 2,151
Pdesign Cooling / Heating (-10°C)	kW	3.5 / 4.2	4.3 / 4.5	5.2 / 5.2	6.8 / 6.0
Indoor Dimensions (H x W x D)	mm	245×570×570	245×570×570	245×570×570	245×570×570
Outdoor Dimensions (H x W x D)	mm	578×790×300	578×790×300	632×799×290	716×820×315
Weight Indoor / Outdoor	kg	15.0 / 40.0	15.0 / 40.0	15.0 / 36.0	16.0 / 42.0
Sound Pressure Level Indoor - min/max	dB(A)	27 / 37	27 / 43	26 / 43	30 / 49
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"	1/4" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	5 - 25 (15) / 15	5 - 25 (15) / 15	5 - 25 (15) / 15	5 - 30 (15) / 20
Additional Refrigerant Charge	g/m	20	20	20	20
Ref. Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T		1.15 / 2.401	1.25 / 2.610	1.20 / 2.506	1.50 / 3.132
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 20
Indoor Unit		£442	£668	£770	£902
Remote Controller		IR Included	IR Included	IR Included	IR Included
Grille (UTGUFYDW)		£151	£151	£151	£151
Outdoor Unit		£736	£778	£863	£1,063
System Price		£1,329	£1,597	£1,784	£2,116

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

PREVIOUS GENERATION - CASSETTE SPLITS - R410A
Circular Flow Cassette Comfort for Large Room - Single Phase

 Available while stocks last - see page [010 - 011](#) for 2021-22 Range

Indoor Unit Outdoor Unit		AUXG18LRLB AOYG18LBCA	AUXG36LRLB AOYG36LBTB	AUXG45LRLB AOYG45LBTB	AUXG54LRLB AOYG54LBTB
Nominal Cooling Capacity (Range)	kW	5.2 (0.9 - 6.5)	9.5 (2.8 - 11.2)	12.5 (4.0 - 14.0)	13.3 (4.5 - 14.5)
UK Cooling (Total / Sensible)	kW	6.00 / 4.54	11.79 / 8.49	13.06 / 9.67	13.39 / 9.82
Nominal Heating Capacity (Range)	kW	6.0 (0.9 - 8.0)	10.8 (2.7 - 12.7)	14.0 (4.2 - 16.2)	15.8 (4.7 - 16.5)
UK Heating	kW	7.51	11.94	13.35	13.75
EER Cooling / COP Heating		3.66 / 4.00	3.21 / 3.71	3.25 / 3.75	3.04 / 3.45
SEER / Energy Efficiency Class - Cooling		7.05 / A++	6.40 / A++	6.65 / -	6.25 / -
SCOP / Energy Efficiency Class - Heating		4.40 / A+	4.30 / A+	4.13 / -	4.01 / -
Annual Energy Consumption Cool / Heat	kWh/a	258 / 1,367	519 / 2,833	- / -	- / -
Pdesign Cooling / Heating (-10°C)	kW	5.2 / 4.3	9.5 / 8.7	- / -	- / -
Indoor Dimensions (H x W x D)	mm	246x840x840	288x840x840	288x840x840	288x840x840
Outdoor Dimensions (H x W x D)	mm	620x790x290	830x900x330	1290x900x330	1290x900x330
Weight Indoor / Outdoor	kg	24.0 / 41.0	26.0 / 61.0	29.0 / 86.0	29.0 / 86.0
Sound Pressure Level Indoor - min/max	dB(A)	28 / 33	34 / 44	35 / 46	36 / 47
Pipe Size (Liquid - Gas)	mm	1/4" - 12.7	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	5 - 30 (15) / 20	5 - 50 (20) / 30	5 - 50 (20) / 30	5 - 50 (20) / 30
Additional Refrigerant Charge	g/m	20	40	40	40
Ref. Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T		1.80 / 3.758	2.10 / 4.385	3.35 / 6.995	3.35 / 6.995
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 25	1Ph-230V-50Hz / 25	1Ph-230V-50Hz / 25
Indoor Unit		£738	£969	£1,226	£1,670
Remote Controller		RC Inc with Grille	RC Inc with Grille	RC Inc with Grille	RC Inc with Grille
Grille (UTGUKYAW)		£236	£236	£236	£236
Outdoor Unit		£1,076	£1,717	£1,759	£1,832
System Price		£2,050	£2,922	£3,221	£3,738

System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

 Refer to page [033](#) for control options

4 Way Cassette for Large Rooms - Single Phase

 Available while stocks last - see page [010 - 011](#) for 2021-22 Range

Indoor Unit Outdoor Unit		AUYG45LRLA AOYG45LETL
Nominal Cooling Capacity (Range)	kW	12.5 (4.0 - 14.0)
UK Cooling (Total / Sensible)	kW	13.06 / 9.67
Nominal Heating Capacity (Range)	kW	14.0 (4.2 - 16.2)
UK Heating	kW	13.35
EER Cooling / COP Heating		3.22 / 3.71
SEER / Energy Efficiency Class - Cooling		6.63 / -
SCOP / Energy Efficiency Class - Heating		4.10 / -
Annual Energy Consumption Cool / Heat	kWh/a	- / -
Pdesign Cooling / Heating (-10°C)	kW	- / -
Indoor Dimensions (H x W x D)	mm	288x840x840
Outdoor Dimensions (H x W x D)	mm	1,290x900x330
Weight Indoor / Outdoor	kg	26.0 / 86.0
Sound Pressure Level Indoor - min/max	dB(A)	36 / 46
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	5 - 50 (20) / 30
Additional Refrigerant Charge	g/m	40
Ref. Type (Global Warming Potential)		R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T		3.35 / 6.995
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 25
Indoor Unit		£1,016
Remote Controller		RC Included
Grille (UTGUGYAW)		£185
Outdoor Unit		£1,798
System Price		£2,999

System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

PREVIOUS GENERATION - DUCTED SPLITS - R410A

Slim Duct - Single Phase

Static Pressure Range 0 to 90 Pa, Standard 25Pa

Available while stocks last - see page [012 - 013](#) for 2021-22 Range



Indoor Unit		ARYG12LLTB	ARYG14LLTB	ARYG18LLTB
Outdoor Unit		AOYG12LALL	AOYG14LALL	AOYG18LBCB
Nominal Cooling Capacity (Range)	kW	3.5 (0.9 - 4.4)	4.3 (0.9 - 5.4)	5.2 (0.9 - 5.9)
UK Cooling (Total / Sensible)	kW	4.37 / 3.09	4.98 / 3.65	4.98 / 3.66
Nominal Heating Capacity (Range)	kW	4.1 (0.9 - 5.7)	5.0 (0.9 - 6.5)	6.0 (0.9 - 7.5)
UK Heating	kW	5.05	5.99	6.91
EER Cooling / COP Heating		3.33 / 3.69	3.21 / 3.71	3.21 / 3.61
SEER / Energy Efficiency Class - Cooling		5.90 / A++	5.80 / A+	6.20 / A++
SCOP / Energy Efficiency Class - Heating		4.00 / A+	3.90 / A	4.10 / A+
Annual Energy Consumption Cool / Heat	kWh/a	207 / 1,467	259 / 1,614	294 / 1,775
Pdesign Cooling / Heating (-10°C)	kW	3.5 / 4.2	4.3 / 4.5	5.2 / 5.2
Indoor Dimensions (H x W x D)	mm	198×700×620	198×700×620	198×900×620
Outdoor Dimensions (H x W x D)	mm	578×790×300	578×790×300	632×799×290
Weight Indoor / Outdoor	kg	19.0 / 40.0	19.0 / 40.0	23.0 / 36.0
Sound Pressure Level Indoor - min/max	dB(A)	24 / 29	25 / 32	27 / 32
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	5 - 25 (15) / 15	5 - 25 (15) / 15	5 - 25 (15) / 15
Additional Refrigerant Charge	g/m	20	20	20
Ref. Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T		1.15 / 2.401	1.25 / 2.610	1.20 / 2.506
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16
Indoor Unit		£649	£785	£930
Remote Controller		RC Included	RC Included	RC Included
Outdoor Unit		£736	£778	£863
System Price		£1,385	£1,563	£1,793

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

Medium Static Pressure Ducted - Single Phase

Static Pressure Range 30 to 200 PA, Standard 35Pa (12 to 18) 60Pa (45)

Available while stocks last - see page [014 - 015](#) for 2021-22 Range



Indoor Unit		ARYG12LHTBP	ARYG14LHTBP	ARYG18LHTBP	ARYG45LHTBP
Outdoor Unit		AOYG12LBLA	AOYG14LBLA	AOYG18LBCA	AOYG45LBTA
Nominal Cooling Capacity (Range)	kW	3.5 (0.9 - 4.4)	4.3 (0.9 - 5.4)	5.2 (0.9 - 6.5)	12.1 (4.0 - 14.0)
UK Cooling (Total / Sensible)	kW	3.31 / 2.92	4.18 / 3.53	4.57 / 3.37	11.31 / 9.40
Nominal Heating Capacity (Range)	kW	4.1 (0.9 - 5.7)	5.0 (0.9 - 6.5)	6.0 (0.9 - 8.0)	13.3 (4.2 - 16.2)
UK Heating	kW	5.05	5.99	7.37	13.71
EER Cooling / COP Heating		3.89 / 4.10	3.64 / 4.00	3.80 / 4.05	3.37 / 3.87
SEER / Energy Efficiency Class - Cooling		6.20 / A++	6.10 / A++	7.15 / A++	5.54 / -
SCOP / Energy Efficiency Class - Heating		4.10 / A+	4.00 / A+	4.11 / A+	3.87 / -
Annual Energy Consumption Cool / Heat	kWh/a	198 / 1,434	247 / 1,573	255 / 1,462	- / -
Pdesign Cooling / Heating (-10°C)	kW	3.5 / 4.2	4.3 / 4.5	5.2 / 4.3	- / -
Indoor Dimensions (H x W x D)	mm	300×700×700	300×700×700	300×1,000×700	300×1,400×700
Outdoor Dimensions (H x W x D)	mm	578×790×300	578×790×300	620×790×290	1,290×900×330
Weight Indoor / Outdoor	kg	27.0 / 40.0	27.0 / 40.0	36.0 / 41.0	46.0 / 86.0
Sound Pressure Level Indoor - min/max	dB(A)	24 / 32	25 / 33	20 / 28	29 / 39
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	5 - 25 (15) / 15	5 - 25 (15) / 15	5 - 30 (15) / 20	5 - 50 (20) / 30
Additional Refrigerant Charge	g/m	20	20	20	40
Ref. Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T		1.15 / 2.401	1.25 / 2.610	1.80 / 3.758	3.35 / 6.995
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 25
Indoor Unit		£691	£701	£785	£1,829
Remote Controller		RC Included	RC Included	RC Included	RC Included
Filter Kit (UTDLFNC/B)		£66	£66	£66	£66
Outdoor Unit		£926	£981	£1,076	£1,759
System Price		£1,683	£1,748	£1,927	£3,654

System operating range, -15°C (Size 12 & 14 -10°C) to 46°C Cooling -15°C to 24°C Heating

Refer to page [033](#) for control options

PREVIOUS GENERATION - DUCTED SPLITS - R410A

Medium Static Ducted Standard - Single Phase

Size 24, Static Pressure Range 30 to 150 PA, Standard 35Pa

Size 45, Static Pressure Range 30 to 150 PA, Standard 60Pa



Indoor Unit		ARYG24LMLA	ARYG45LMLA
Outdoor Unit		AOYG24LBCB	AOYG45LETL
Nominal Cooling Capacity (Range)	kW	6.8 (0.9 - 8.0)	12.1 (4.0 - 13.3)
UK Cooling (Total / Sensible)	kW	6.47 / 4.83	12.43 / 9.36
Nominal Heating Capacity (Range)	kW	8.0 (0.9 - 9.1)	13.1 (4.2 - 15.5)
UK Heating	kW	8.38	13.12
EER Cooling / COP Heating		3.08 / 3.54	3.21 / 3.61
SEER / Energy Efficiency Class - Cooling		6.20 / A++	5.07 / -
SCOP / Energy Efficiency Class - Heating		4.00 / A+	3.50 / -
Annual Energy Consumption Cool / Heat	kWh/a	384 / 2,099	- / -
Pdesign Cooling / Heating (-10°C)	kW	6.8 / 6.0	- / -
Indoor Dimensions (H x W x D)	mm	270x1,135x700	270x1,135x700
Outdoor Dimensions (H x W x D)	mm	716x820x315	1,290x900x330
Weight Indoor / Outdoor	kg	38.0 / 42.0	40.0 / 86.0
Sound Pressure Level Indoor - min/max	dB(A)	25 / 31	28 / 42
Pipe Size (Liquid - Gas)	mm	1/4" - 5/8"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	5 - 30 (15) / 20	5 - 50 (20) / 30
Additional Refrigerant Charge	g/m	20	40
Ref. Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T		1.50 / 3.132	3.35 / 6.995
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 20	1Ph-230V-50Hz / 25
Indoor Unit		£1,067	£1,412
Remote Controller		RC Included	RC Included
Filter UTDLF25NA / Spigott UTDRF204		£66 / £34	£66 / £34
Outdoor Unit		£1,063	£1,798
System Price		£2,230	£3,310

System operating range, -15°C (Size 24 -10°C) to 46°C Cooling -15°C to 24°C Heating

Refer to page 033 for control options

High Static Pressure Ducted - Single Phase

Static Pressure Range 100 to 250 PA, Standard 100Pa

Available while stocks last - see page 018 for 2021-22 Range



Indoor Unit		ARYG45LHTA	ARYG54LHTA
Outdoor Unit		AOYG45LETL	AOYG54LETL
Nominal Cooling Capacity (Range)	kW	12.5 (4.5 - 14.0)	13.4 (5.0 - 14.5)
UK Cooling (Total / Sensible)	kW	13.52 / 11.39	14.22 / 11.83
Nominal Heating Capacity (Range)	kW	14.0 (5.0 - 16.2)	16.0 (5.5 - 18.0)
UK Heating	kW	14.55	15.47
EER Cooling / COP Heating		2.91 / 3.68	2.81 / 3.41
SEER / Energy Efficiency Class - Cooling		4.60 / -	4.60 / -
SCOP / Energy Efficiency Class - Heating		3.40 / -	3.40 / -
Annual Energy Consumption Cool / Heat	kWh/a	- / -	- / -
Pdesign Cooling / Heating (-10°C)	kW	- / -	- / -
Indoor Dimensions (H x W x D)	mm	400x1,050x500	400x1,050x500
Outdoor Dimensions (H x W x D)	mm	1,290x900x330	1,290x900x330
Weight Indoor / Outdoor	kg	46.0 / 86.0	46.0 / 86.0
Sound Pressure Level Indoor - min/max	dB(A)	- / 47	- / 47
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	5 - 50 (20) / 30	5 - 50 (20) / 30
Additional Refrigerant Charge	g/m	40	40
Ref. Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T		3.35 / 6.995	3.35 / 6.995
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 25	1Ph-230V-50Hz / 25
Indoor Unit		£1,542	£1,753
Remote Controller (UTYRVNYM)		£119	£119
Long Life Filter (UTDLF60KA)		£103	£103
Outdoor Unit		£1,798	£1,835
System Price		£3,562	£3,810

System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

Refer to page 033 for control options

PREVIOUS GENERATION - FLOOR STANDING & CEILING SUSPENDED SPLITS - R410A
Floor Standing - Single Phase

 Available while stocks last - see page [019](#) for 2021-22 Range


Indoor Unit		AGYG09LVCA	AGYG12LVCA	AGYG14LVCA
Outdoor Unit		AOYG09LVCA	AOYG12LVCA	AOYG14LVCA
Nominal Cooling Capacity (Range)	kW	2.6 (0.9 - 3.5)	3.5 (0.9 - 4.0)	4.2 (0.9 - 5.0)
UK Cooling (Total / Sensible)	kW	2.49 / 2.24	3.36 / 2.59	4.03 / 2.92
Nominal Heating Capacity (Range)	kW	3.5 (0.9 - 5.5)	4.5 (0.9 - 6.6)	5.2 (0.9 - 8.0)
UK Heating	kW	4.30	4.76	6.13
EER Cooling / COP Heating		4.91 / 4.43	3.72 / 3.78	3.68 / 3.61
SEER / Energy Efficiency Class - Cooling		7.00 / A++	6.50 / A++	6.40 / A++
SCOP / Energy Efficiency Class - Heating		4.20 / A+	4.00 / A+	4.00 / A+
Annual Energy Consumption Cool / Heat	kWh/a	130 / 967	188 / 1,330	230 / 1,645
Pdesign Cooling / Heating (-10°C)	kW	2.6 / 2.9	3.5 / 3.8	4.2 / 4.7
Indoor Dimensions (H x W x D)	mm	600×740×200	600×740×200	600×740×200
Outdoor Dimensions (H x W x D)	mm	540×790×290	540×790×290	578×790×300
Weight Indoor / Outdoor	kg	14.0 / 36.0	14.0 / 36.0	14.0 / 40.0
Sound Pressure Level Indoor - min/max	dB(A)	22 / 40	22 / 40	22 / 44
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	5 - 20 (15) / 15	5 - 20 (15) / 15	5 - 20 (15) / 15
Additional Refrigerant Charge	g/m	20	20	20
Ref. Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T		1.05 / 2.192	1.05 / 2.192	1.15 / 2.401
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 16
Indoor Unit		£541	£620	£714
Remote Controller		IR Included	IR Included	IR Included
Outdoor Unit		£689	£758	£872
System Price		£1,230	£1,378	£1,586

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

Ceiling Suspended - Single Phase

 Available while stocks last - see page [020 - 021](#) for 2021-22 Range


Indoor Unit		ABYG45LRTA
Outdoor Unit		AOYG45LETL
Nominal Cooling Capacity (Range)	kW	12.1 (4.0 - 13.3)
UK Cooling (Total / Sensible)	kW	12.36 / 9.27
Nominal Heating Capacity (Range)	kW	13.3 (4.2 - 15.5)
UK Heating	kW	12.99
EER Cooling / COP Heating		3.21 / 3.61
SEER / Energy Efficiency Class - Cooling		6.63 / -
SCOP / Energy Efficiency Class - Heating		3.91 / -
Annual Energy Consumption Cool / Heat	kWh/a	- / -
Pdesign Cooling / Heating (-10°C)	kW	- / -
Indoor Dimensions (H x W x D)	mm	240×1,660×700
Outdoor Dimensions (H x W x D)	mm	1,290×900×330
Weight Indoor / Outdoor	kg	46.0 / 86.0
Sound Pressure Level Indoor - min/max	dB(A)	34 / 49
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"
Min - Max Pipe Len. (Precharge) / Height Diff.	m	5 - 50 (20) / 30
Additional Refrigerant Charge	g/m	40
Ref. Type (Global Warming Potential)		R410A (2,088)
Refrigerant Charge kg / CO2eq-T		3.35 / 6.995
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 25
Indoor Unit		£1,710
Remote Controller		IR Included
Outdoor Unit		£1,798
System Price		£3,508

System operating range, -15°C to 46°C Cooling -15°C to 24°C Heating

RAC & PAC Control Options

		R32 Cassette, Ducted & Ceiling Control Options - Wall Mounted Options can be found on Page 5								
		Cassette		Duct				Floor / Ceiling		
		Compact	Circular	Bulkhead	Slim	Med Static Std	Med Static Eco	High Static	Floor	Ceiling
Type		AUXG..KV 9 to 24	AUXG..KR 18 to 54	ARXG..KS 07/09/12/14/18	ARXG..KL 07/09/12/14/18	ARXG..KH 12 to 54	ARXG..KM 22/24/30 36/45	ARXG..KH 45/54	AGYG..KVCA 09/12/14	ABYG..KR 18 to 54
Hi-Spec TP WRC	2-Wire	UTYRNRYZ3 £166							UTYRNRYZ3 £166 (KVCA's + UTYTWRXZ3 £73)	
Simple TP WRC		UTYRCRYZ1 £114							UTYRCRYZ1 £114 (KVCA's + UTYTWRXZ3 £73)	
Simple WRC		UTYRSRY £150, UTYRHRY £150							UTYRSRY £150 UTYRHRY £150 (KVCA's + UTYTWRXZ3 £73)	
Standard WRC	3-Wire	UTYRVNYM £119								
Simple WRC								UTYRSNYM £95		
Wireless Remote		UTYLNTY £51								
Wireless RC & Reciever			UTYLBTYC £106	UTYLBTYM £288						UTYLBTYH
FGLair Wi-Fi App Controlled Interface		UTYTFXSZ1 £155						UTYTFNXZ1 £155	UTYTFXSZ1 £155	
Intesis WiFi		FJACWIFI1 £243						FJRCWIFI2 £262	FJACWIFI1 £243	
Modbus BMS Interface		UTYVMSX £253						FJRCMBS1 £262		UTYVMSX £253
KNX BMS Interface		UTYVKXS £289						FJRCKNX1i £287		UTYVKXS £289
Network Convertor		UTYVTGX £462								

		R410A Wall Mounted & Cassette Control Options					
		Wall Mounted			Cassette		
		Designer	Standard		Compact	Standard	Circular
Type		ASYG14LUCA	ASYG..LM 07/09/14	ASYG..LF 18/24	AUYG..LV 07 to 24	AUYG45LRLA	AUXG..LR 18/36/45/54
Hi-Spec TP WRC	2-Wire						UTYRNRYZ3 £166
Compact/Simple TP WRC							UTYRCRYZ1 £114
Simple WRC							UTYRSRY £150 UTYRHRY £150
Standard WRC	3-Wire	UTYRVNYM £119 + UTYTWBXF £98	UTYRVNYM £119 + UTYXCBXZ2 £98	UTYRVNYM £119	UTYRVNYM £119		
Simple WRC		UTYRSNYM £95 + UTYTWBXF £98	UTYRSNYM £95 + UTYXCBXZ2 £98	UTYRSNYM £95	UTYRSNYM £95		
Wireless RC & Reciever						UTYLRHYA2 £79	UTYLBTYC £106
FGLair Wi-Fi App Controlled Interface		UTYTFNXZ1 £155 + UTYTWBXF £98 + 9705932012 £16	UTYTFNXZ1 £155 + UTYXCBXZ2 £98 + 9705932012 £16	UTYTFNXZ1 £155 + 9705932012 £16	UTYTFNXZ1 £155		UTYTFXSXZ1 £155
Intesis Wi-Fi App Controlled Interface		FJRCWIFI2 £262 + UTYTWBXF £98 + 9705932012 £16	FJRCWIFI2 £262 + UTYXCBXZ2 £98 + 9705932012 £16	FJRCWIFI2 £262 + 9705932012 £16	FJRCWIFI2 £262		FJRCWIFI2 £262 + 3-Wire WRC
Modbus BMS Interface		FJRCMBS1 £262 + UTYTWBXF £98 + 9705932012 £16	FJRCMBS1 £262 + UTYXCBXZ2 £98 + 9705932012 £16	FJRCMBS1 £262 + 9705932012 £16	FJRCMBS1 £262		UTYVMSX £253
KNX BMS Interface		FJRCKNX1i £287 + UTYTWBXF £98 + 9705932012 £16	FJRCKNX1i £287 + UTYXCBXZ2 £98 + 9705932012 £16	FJRCKNX1i £287 + 9705932012 £16	FJRCKNX1i £287		UTYVKSX £289
Network Convertor			UTYVTGX £462 + UTYXCBXZ2 £98 + 9705932012 £16	UTYVTGX £462 + 9705932012 £16	UTYVTGX £462		

R410A Ducted, Ceiling & Floor Control Options									
Type		Duct					Floor/Ceiling		
		Bulkhead	Slim	Medium/Hi Static	Medium Static	High Static	Big Duct	Floor	Ceiling
		ARYG..LS 07/09/12/14/18	ARYG..LL 07/09/12/14/18	ARXG..LH 12/14/18/45	ARYG..LM 24/45	ARYG..LH 45/54/60	ARYG..LH 72/90	AGYG..LV 09/12/14	ABYG..LV 14/18/24
Hi-Spec TP WRC	2-Wire	UTYRNRZ3 £166		UTYRNRZ3 £166			UTYRNRZ3 £166		
Compact/Simple TP WRC		UTYRCRYZ1 £114		UTYRCRYZ1 £114			UTYRCRYZ1 £114		
Simple WRC		UTYRSRY £150 UTYRHRY £150		UTYRSRY £150 UTYRHRY £150			UTYRSRY £150 UTYRHRY £150		
Standard WRC	3-Wire	UTYRVNYM £119							
Simple WRC		UTYRSNYM £95							
Wireless Remote & Reciever		UTYLBTYM £288	UTYLRHYM £283	UTYLBTYM £288	UTYLRHYM £283 (ARYG60 Only)	UTYLBTYM £288			
FLair Wi-Fi App Controlled Interface		UTYTFNXZ1 £155	UTYTFNXZ1 £155	UTYTFNXZ1 £155	UTYTFNXZ1 £155	UTYTFNXZ1 £155	UTYTFNXZ1 £155 + 9705932012 £16	UTYTFNXZ1 £155	
Intesis Wi-Fi App Controlled Interface		FJRCWIFI2 £262 + 3-Wire WRC	FJRCWIFI2 £262	FJRCWIFI2 £262 + 3-Wire WRC	FJRCWIFI2 £262	FJRCWIFI2 £262 + 3-Wire WRC	FJRCWIFI2 £262 + 9705932012 £16	FJRCWIFI2 £262	
Modbus BMS Interface		UTYVMSX £253	FJRCMBS1 £262	UTYVMSX £253	FJRCMBS1 £262	UTYVMSX £253	FJRCMBS1 £262 + 9705932012 £16	FJRCMBS1 £262	
KNX BMS Interface		UTYVKXS £289	FJRCNX1i £287	UTYVKXS £289	FJRCNX1i £287	UTYVKXS £289	FJRCNX1i £287 + 9705932012 £16	FJRCNX1i £287	
Network Convertor		UTYVTGX £462						UTYVTGX £462 + 9705932012 £16	UTYVTGX £462

J-IVS & J-IV HEAT PUMP VRF OUTDOOR UNITS

J-IVS VRF Heat Pump Outdoor Units - Single Phase



Outdoor Unit	AJY040LCLBH	AJY045LCLBH	AJY054LCLBH
Horse Power / Number of Modules	4 / 1	5 / 1	6 / 1
Maximum Connectable Indoor Units	1-11	1-12	1-13
Nominal Cooling Capacity kW	12.1	14.0	15.1
Max Heating Capacity kW	12.1 / 13.6	14.0 / 16.0	15.1 / 16.5
EER / COP Nominal / COP Max Heating	3.52 / 4.74 / 4.16	3.16 / 4.51 / 4.07	3.00 / 4.30 / 4.01
SEER / SCOP	7.80 / 3.59	7.30 / 3.81	6.98 / 3.82
Input Power (Cool / Nom Heat / Max Heat) kW	3.44 / 2.55 / 3.27	4.43 / 3.11 / 3.93	5.03 / 3.52 / 4.11
Dimensions (H x W x D) mm	998 x 970 x 370	998 x 970 x 370	998 x 970 x 370
Weight kg	86	86	87
Sound Pressure Level Cooling / Heating dB(A)	51 / 54	53 / 56	54 / 56
Maximum external static pressure Pa	TBC	TBC	TBC
Pipe Size (Liquid - Discharge - Suction) mm	3/8" - 5/8" - NA	3/8" - 5/8" - NA	3/8" - 5/8" - NA
Total pipe length / Max Height difference m	80 / 30	80 / 30	80 / 30
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T	4.0 (8.4)	4.0 (8.4)	4.0 (8.4)
Power Source	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz
Outdoor Unit Price	£2,727	£2,920	£3,225

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Refer to pages 043 to 047 for indoor units

J-IV VRF Heat Pump Outdoor Units - Single & Three Phase



Outdoor Unit	AJY040LBLBH	AJY045LBLBH	AJY054LBLBH
Horse Power / Number of Modules	4 / 1	5 / 1	6 / 1
Maximum Connectable Indoor Units	1-11	1-12	1-14
Nominal Cooling Capacity kW	12.1	14.0	15.5
Max Heating Capacity kW	12.1 / 13.6	14.0 / 16.0	15.5 / 18.0
EER / COP Nominal / COP Max Heating	4.17 / 5.06 / 4.86	3.92 / 4.71 / 4.51	3.71 / 4.43 / 4.23
SEER / SCOP	8.08 / 3.92	8.03 / 3.85	7.97 / 3.78
Input Power (Cool / Nom Heat / Max Heat) kW	2.90 / 2.39 / 2.80	3.57 / 2.97 / 3.55	4.18 / 3.50 / 4.26
Dimensions (H x W x D) mm	1,334 x 970 x 370	1,334 x 970 x 370	1,334 x 970 x 370
Weight kg	117	117	119
Sound Pressure Level Cooling / Heating dB(A)	50 / 52	51 / 55	53 / 56
Maximum external static pressure Pa	TBC	TBC	TBC
Pipe Size (Liquid - Discharge - Suction) mm	3/8" - 5/8" - NA	3/8" - 5/8" - NA	3/8" - 3/4" - NA
Total pipe length / Max Height difference m		180 / 50/40 (Outdoor unit: Upper/Lower)	
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T	4.8 (10.0)	5.3 (11.1)	5.3 (11.1)
Power Source	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz
Outdoor Unit Price	£3,415	£3,790	£4,124

Outdoor Unit	AJY040LELBH	AJY045LELBH	AJY054LELBH
Horse Power / Number of Modules	4 / 1	5 / 1	6 / 1
Maximum Connectable Indoor Units	1-11	1-12	1-14
Nominal Cooling Capacity kW	12.1	14.0	15.5
Max Heating Capacity kW	12.1 / 13.6	14.0 / 16.0	15.5 / 18.0
EER / COP Nominal / COP Max Heating	4.33 / 5.21 / 5.01	4.05 / 4.90 / 4.70	3.88 / 4.61 / 4.41
SEER / SCOP	8.28 / 4.10	8.23 / 4.04	8.16 / 4.00
Input Power (Cool / Nom Heat / Max Heat) kW	2.79 / 2.32 / 2.71	3.46 / 2.86 / 3.40	3.99 / 3.36 / 4.08
Dimensions (H x W x D) mm	1,334 x 970 x 370	1,334 x 970 x 370	1,334 x 970 x 370
Weight kg	118	119	119
Sound Pressure Level Cooling / Heating dB(A)	50 / 52	51 / 55	53 / 56
Maximum external static pressure Pa	TBC	TBC	TBC
Pipe Size (Liquid - Discharge - Suction) mm	3/8" - 5/8" - NA	3/8" - 5/8" - NA	3/8" - 3/4" - NA
Total pipe length / Max Height difference m		180 / 50/40 (Outdoor unit: Upper/Lower)	
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T	4.8 (10.0)	5.3 (11.1)	5.3 (11.1)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£3,620	£4,019	£4,331

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Refer to pages 043 to 047 for indoor units

J-IVL HEAT PUMP VRF OUTDOOR UNITS

J-IVL VRF Heat Pump Outdoor Units - Three Phase



Outdoor Unit	AJY072LELBH	AJY090LELBH	AJY108LELBH
Horse Power / Number of Modules	8 / 1	10 / 1	12 / 1
Maximum Connectable Indoor Units	1-20	1-25	1-30
Nominal Cooling Capacity kW	22.4	28.0	33.5
Max Heating Capacity kW	22.4 / 25.0	28.0 / 31.5	33.5 / 37.5
EER / COP Nominal / COP Max Heating	3.56 / 4.82 / 4.56	3.26 / 4.24 / 3.80	3.22 / 4.10 / 3.66
SEER / SCOP	7.50 / 3.86	7.02 / 3.59	6.87 / 3.58
Input Power (Cool / Nom Heat / Max Heat) kW	6.30 / 4.65 / 5.45	8.59 / 6.61 / 8.29	10.42 / 8.18 / 10.25
Dimensions (H x W x D) mm	1,428 x 1,080 x 480	1,428 x 1,080 x 480	1,428 x 1,080 x 480
Weight kg	170	177	178
Sound Pressure Level Cooling / Heating dB(A)	52 / 54	54 / 57	59 / 62
Maximum external static pressure Pa	TBC	TBC	TBC
Pipe Size (Liquid - Discharge - Suction) mm	3/8" - 3/4" - NA	3/8" - 7/8" - NA	1/2" - 1 1/8" - NA
Total pipe length / Max Height difference m	400 / 50/40 (Outdoor unit: Upper/Lower)		
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	7.0 (14.6)	7.5 (15.7)	7.5 (15.7)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£5,240	£5,515	£6,602

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Refer to pages [043 to 047](#) for indoor units

Outdoor Unit	AJY126LELBH	AJY144LELBH	AJY162LELBH
Horse Power / Number of Modules	14 / 1	16 / 1	18 / 1
Maximum Connectable Indoor Units	1-36	1-40	1-42
Nominal Cooling Capacity kW	40.0	45.0	50.0
Max Heating Capacity kW	40.0 / 45.0	45.0 / 50.0	50.0 / 55.0
EER / COP Nominal / COP Max Heating	3.30 / 4.12 / 3.81	3.01 / 3.81 / 3.50	2.70 / 3.66 / 3.30
SEER / SCOP	6.86 / 3.52	6.62 / 3.51	6.20 / 3.52
Input Power (Cool / Nom Heat / Max Heat) kW	12.12 / 9.71 / 11.80	14.96 / 11.81 / 14.29	18.52 / 13.66 / 16.66
Dimensions (H x W x D) mm	1,638 x 1,080 x 480	1,638 x 1,080 x 480	1,638 x 1,080 x 480
Weight kg	213	213	217
Sound Pressure Level Cooling / Heating dB(A)	62 / 63	64 / 65	65 / 68
Maximum external static pressure Pa	TBC	TBC	TBC
Pipe Size (Liquid - Discharge - Suction) mm	1/2" - 1 1/8" - NA	1/2" - 1 1/8" - NA	1/2" - 1 1/8" - NA
Total pipe length / Max Height difference m	400 / 50/40 (Outdoor unit: Upper/Lower)		
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.0 (22.9)	11.0 (22.9)	11.8 (24.6)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£7,714	£9,311	£10,375

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Refer to pages [043 to 047](#) for indoor units

V-III HEAT PUMP VRF OUTDOOR UNITS - SPACE SAVING
V-III VRF Heat Pump Outdoor Units 8 to 24 HP - Three Phase

AIRSTAGE V-III


Prices exclude outdoor connection kits where required

Outdoor Unit	AJY072LALBH	AJY090LALBH	AJY108LALBH
Horse Power / Number of Modules	8 / 1	10 / 1	12 / 1
Maximum Connectable Indoor Units	17	21	26
Nominal Cooling Capacity kW	22.4	28.0	33.5
Max Heating Capacity kW	22.4 / 25.0	28.0 / 31.5	33.5 / 37.5
EER / COP Nominal / COP Max Heating	4.31 / 5.20 / 4.84	3.85 / 4.69 / 4.35	3.74 / 4.72 / 4.34
SEER / SCOP	5.95 / 3.97	5.86 / 3.76	6.22 / 3.56
Input Power (Cool / Nom Heat / Max Heat) kW	5.20 / 4.31 / 5.17	7.28 / 5.98 / 7.25	8.96 / 7.10 / 8.65
Dimensions (H x W x D) mm	1,690 x 930 x 765	1,690 x 930 x 765	1,690 x 1,240 x 765
Weight kg	252	252	275
Sound Pressure Level Cooling / Heating dB(A)	56 / 58	58 / 59	57 / 60
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	1/2" - 7/8" - NA	1/2" - 7/8" - NA	1/2" - 1 1/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T	11.7 (24.4)	11.7 (24.4)	11.8 (24.6)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£6,290	£6,966	£8,412

System operating range, -15°C to 46°C Cooling -20°C to 21°C Heating

 Refer to pages [043 to 047](#) for indoor units

Outdoor Unit	AJY126LALBH	AJY144LALBH	AJY162LALBH
Horse Power / Number of Modules	14 / 1	16 / 1	18 / 1
Maximum Connectable Indoor Units	30	34	39
Nominal Cooling Capacity kW	40.0	45.0	50.0
Max Heating Capacity kW	40.0 / 45.0	45.0 / 50.0	50.0 / 50.0
EER / COP Nominal / COP Max Heating	3.65 / 4.46 / 4.03	3.46 / 4.06 / 3.67	3.02 / 3.67 / 3.67
SEER / SCOP	6.50 / 4.14	6.33 / 4.06	5.77 / 3.56
Input Power (Cool / Nom Heat / Max Heat) kW	10.96 / 8.97 / 11.17	13.01 / 11.09 / 13.63	16.56 / 13.63 / 13.63
Dimensions (H x W x D) mm	1,690 x 1,240 x 765	1,690 x 1,240 x 765	1,690 x 1,240 x 765
Weight kg	275	275	275
Sound Pressure Level Cooling / Heating dB(A)	60 / 62	62 / 64	63 / 64
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	1/2" - 1 1/8" - NA	1/2" - 1 1/8" - NA	5/8" - 1 1/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T	11.8 (24.6)	11.8 (24.6)	11.8 (24.6)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£9,857	£11,906	£13,335

System operating range, -15°C to 46°C Cooling -20°C to 21°C Heating

 Refer to pages [043 to 047](#) for indoor units

Outdoor Unit	AJY180LALBH	AJY198LALBH	AJY216LALBH
Horse Power / Number of Modules	20 / 2	22 / 2	24 / 2
Maximum Connectable Indoor Units	43	47	52
Nominal Cooling Capacity kW	56.0	62.4	68.0
Max Heating Capacity kW	- / 63.0	- / 70.0	- / 76.5
EER / COP Nominal / COP Max Heating	3.85 / - / 4.34	3.86 / - / 4.28	3.73 / - / 4.15
SEER / SCOP	5.86 / 3.76	6.26 / 4.06	6.20 / 3.96
Input Power (Cool / Nom Heat / Max Heat) kW	14.56 / - / 14.50	16.16 / - / 16.34	18.24 / - / 18.42
Dimensions (H x W x D) mm	1,690 x 930x2 x 765	1,690 x 1,240x930 x 765	1,690 x 1,240x930 x 765
Weight kg	252x2	275+252	275+252
Sound Pressure Level Cooling / Heating dB(A)	61 / 62	61 / 63	62 / 64
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	5/8" - 1 1/8" - NA	5/8" - 1 3/8" - NA	5/8" - 1 3/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T	11.7x2 (24.4x2)	11.8+11.7 (24.6+24.4)	11.8+11.7 (24.6+24.4)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£13,932	£16,147	£16,823

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

 Refer to pages [043 to 047](#) for indoor units

V-III HEAT PUMP VRF OUTDOOR UNITS - SPACE SAVING

V-III VRF Heat Pump Outdoor Units 26 to 42 HP - Three Phase



AIRSTAGE V-III



Prices exclude outdoor connection kits where required

Outdoor Unit	AJY234LALBH	AJY252LALBH	AJY270LALBH
Horse Power / Number of Modules	26 / 2	28 / 2	30 / 2
Maximum Connectable Indoor Units	56	60	64
Nominal Cooling Capacity kW	73.0	78.0	85.0
Max Heating Capacity kW	- / 81.5	- / 81.5	- / 95.0
EER / COP Nominal / COP Max Heating	3.60 / - / 3.90	3.27 / - / 3.90	3.55 / - / 3.83
SEER / SCOP	6.10 / 3.91	5.76 / 3.64	6.41 / 4.09
Input Power (Cool / Nom Heat / Max Heat) kW	20.29 / - / 20.88	23.84 / - / 20.88	23.97 / - / 24.80
Dimensions (H x W x D) mm	1,690 x 1,240+930 x 765	1,690 x 1,240+930 x 765	1,690 x 1,240+2 x 765
Weight kg	275+252	275+252	275+2
Sound Pressure Level Cooling / Heating dB(A)	63 / 65	64 / 65	64 / 66
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	5/8" - 1 3/8" - NA	5/8" - 1 3/8" - NA	3/4" - 1 3/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8+11.7 (24.6+24.4)	11.8+11.7 (24.6+24.4)	11.8+2 (24.6+2)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£18,872	£20,301	£21,763

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Refer to pages 043 to 047 for indoor units

Outdoor Unit	AJY288LALBH	AJY306LALBH	AJY324LALBH
Horse Power / Number of Modules	32 / 2	34 / 2	36 / 2
Maximum Connectable Indoor Units	64	64	64
Nominal Cooling Capacity kW	90.0	95.0	100.0
Max Heating Capacity kW	- / 100.0	- / 100.0	- / 100.0
EER / COP Nominal / COP Max Heating	3.46 / - / 3.67	3.21 / - / 3.67	3.02 / - / 3.67
SEER / SCOP	6.33 / 4.06	6.02 / 3.80	5.77 / 3.56
Input Power (Cool / Nom Heat / Max Heat) kW	26.02 / - / 27.26	29.57 / - / 27.26	33.12 / - / 27.26
Dimensions (H x W x D) mm	1,690 x 1,240+2 x 765	1,690 x 1,240+2 x 765	1,690 x 1,240+2 x 765
Weight kg	275+2	275+2	275+2
Sound Pressure Level Cooling / Heating dB(A)	65 / 67	66 / 67	66 / 67
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	3/4" - 1 3/8" - NA	3/4" - 1 3/8" - NA	3/4" - 1 5/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8+2 (24.6+2)	11.8+2 (24.6+2)	11.8+2 (24.6+2)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£23,812	£25,241	£26,670

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Refer to pages 043 to 047 for indoor units

Outdoor Unit	AJY342LALBH	AJY360LALBH	AJY378LALBH
Horse Power / Number of Modules	38 / 3	40 / 3	42 / 3
Maximum Connectable Indoor Units	64	64	64
Nominal Cooling Capacity kW	106.0	113.0	118.0
Max Heating Capacity kW	- / 113.0	- / 126.5	- / 131.5
EER / COP Nominal / COP Max Heating	3.41 / - / 4.02	3.62 / - / 3.95	3.54 / - / 3.81
SEER / SCOP	5.78 / 3.68	6.24 / 3.99	6.18 / 3.96
Input Power (Cool / Nom Heat / Max Heat) kW	31.12 / - / 28.13	31.25 / - / 32.05	33.30 / - / 34.51
Dimensions (H x W x D) mm	1,690 x 1,240+930+2 x 765	1,690 x 1,240+2+930 x 765	1,690 x 1,240+2+930 x 765
Weight kg	275+252+2	275+2+252	275+2+252
Sound Pressure Level Cooling / Heating dB(A)	65 / 66	65 / 67	66 / 68
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8+11.7+2 (24.6+24.4+2)	11.8+2+11.7 (24.6+2+24.4)	11.8+2+11.7 (24.6+2+24.4)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£27,267	£28,729	£30,778

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Refer to pages 043 to 047 for indoor units

V-III HEAT PUMP VRF OUTDOOR UNITS - ENERGY EFFICIENCY

V-III VRF Heat Pump Outdoor Units 44 to 54 HP - Three Phase


AIRSTAGE V-III


Prices exclude outdoor connection kits where required

Outdoor Unit	AJY396LALBH	AJY414LALBH	AJY432LALBH
Horse Power / Number of Modules	44 / 3	46 / 3	48 / 3
Maximum Connectable Indoor Units	64	64	64
Nominal Cooling Capacity kW	123.0	128.0	135.0
Max Heating Capacity kW	- / 131.5	- / 131.5	- / 150.0
EER / COP Nominal / COP Max Heating	3.34 / - / 3.81	3.17 / - / 3.81	3.46 / - / 3.67
SEER / SCOP	5.95 / 3.78	5.76 / 3.61	6.33 / 4.06
Input Power (Cool / Nom Heat / Max Heat) kW	36.85 / - / 34.51	40.40 / - / 34.51	39.03 / - / 40.89
Dimensions (H x W x D) mm	1,690 x 1,240x2+930 x 765	1,690 x 1,240x2+930 x 765	1,690 x 1,240x3 x 765
Weight kg	275x2+252	275x2+252	275x3
Sound Pressure Level Cooling / Heating dB(A)	66 / 68	67 / 68	67 / 69
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T	11.8x2+11.7 (24.6x2+24.4)	11.8x2+11.7 (24.6x2+24.4)	11.8x3 (24.6x3)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£32,207	£33,636	£35,718

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Refer to pages [043 to 047](#) for indoor units

Outdoor Unit	AJY450LALBH	AJY468LALBH	AJY486LALBH
Horse Power / Number of Modules	50 / 3	52 / 3	54 / 3
Maximum Connectable Indoor Units	64	64	64
Nominal Cooling Capacity kW	140.0	145.0	150.0
Max Heating Capacity kW	- / 150.0	- / 150.0	- / 150.0
EER / COP Nominal / COP Max Heating	3.29 / - / 3.67	3.14 / - / 3.67	3.02 / - / 3.67
SEER / SCOP	6.11 / 3.87	5.93 / 3.71	5.77 / 3.56
Input Power (Cool / Nom Heat / Max Heat) kW	42.58 / - / 40.89	46.13 / - / 40.89	49.68 / - / 40.89
Dimensions (H x W x D) mm	1,690 x 1,240x3 x 765	1,690 x 1,240x3 x 765	1,690 x 1,240x3 x 765
Weight kg	275x3	275x3	275x3
Sound Pressure Level Cooling / Heating dB(A)	67 / 69	67 / 69	68 / 69
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T	11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£37,147	£38,576	£40,005

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Refer to pages [043 to 047](#) for indoor units

V-III VRF Heat Pump Outdoor Units Energy Efficiency Combinations - Three Phase

Prices exclude outdoor connection kits where required

Outdoor Unit	AJY144LALBHH	AJY162LALBHH	AJY180LALBHH
Horse Power / Number of Modules	16 / 2	18 / 2	20 / 2
Maximum Connectable Indoor Units	34	39	43
Nominal Cooling Capacity kW	44.8	50.4	55.9
Max Heating Capacity kW	- / 50.0	- / 56.5	- / 62.5
EER / COP Nominal / COP Max Heating	4.31 / - / 4.84	4.04 / - / 4.55	3.95 / - / 4.52
SEER / SCOP	- / -	- / -	- / -
Input Power (Cool / Nom Heat / Max Heat) kW	10.40 / - / 10.34	12.48 / - / 12.42	14.16 / - / 13.82
Dimensions (H x W x D) mm	1,690 x 930x2 x 765	1,690 x 930x2 x 765	1,690 x 1,240x30 x 765
Weight kg	252x2	252x2	275x252
Sound Pressure Level Cooling / Heating dB(A)	59 / 61	60 / 62	60 / 62
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	1/2" - 1 1/8" - NA	5/8" - 1 1/8" - NA	5/8" - 1 1/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T	11.7x2 (24.4x2)	11.7x2 (24.4x2)	11.8+11.7 (24.6+24.4)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£12,580	£13,256	£14,702

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Refer to pages [043 to 047](#) for indoor units

V-III HEAT PUMP VRF OUTDOOR UNITS - ENERGY EFFICIENCY

V-III VRF Heat Pump Outdoor Units Energy Efficiency Combinations - Three Phase



Prices exclude outdoor connection kits where required

Outdoor Unit		AJY216LALBHH	AJY234LALBHH	AJY252LALBHH	AJY270LALBHH
Horse Power / Number of Modules		24 / 3	26 / 3	28 / 3	30 / 3
Maximum Connectable Indoor Units		52	56	60	64
Nominal Cooling Capacity	kW	67.2	72.8	78.3	84.8
Max Heating Capacity	kW	- / 75.0	- / 81.5	- / 87.5	- / 95.0
EER / COP Nominal / COP Max Heating		4.31 / - / 4.84	4.12 / - / 4.63	4.04 / - / 4.61	3.97 / - / 4.42
SEER / SCOP		- / -	- / -	- / -	- / -
Input Power (Cool / Nom Heat / Max Heat)	kW	15.60 / - / 15.51	17.68 / - / 17.59	19.36 / - / 18.99	21.36 / - / 21.51
Dimensions (H x W x D)	mm	1,690 x 930 x 3 x 765	1,690 x 930 x 3 x 765	1,690 x 1,240 x 930 x 2 x 765	1,690 x 1,240 x 930 x 2 x 765
Weight	kg	252 x 3	252 x 3	275 x 252 x 2	275 x 252 x 2
Sound Pressure Level Cooling / Heating	dB(A)	61 / 63	62 / 63	61 / 64	63 / 65
Maximum external static pressure	Pa	82	82	82	82
Pipe Size (Liquid - Discharge - Suction)	mm	5/8" - 1 3/8" - NA	5/8" - 1 3/8" - NA	5/8" - 1 3/8" - NA	3/4" - 1 3/8" - NA
Ref. Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T		11.7 x 3 (24.4 x 3)	11.7 x 3 (24.4 x 3)	11.8 + 11.7 x 2 (24.6 + 24.4 x 2)	11.8 + 11.7 x 2 (24.6 + 24.4 x 2)
Power Source		3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price		£18,870	£19,546	£20,992	£22,437

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Refer to pages [043 to 047](#) for indoor units

Outdoor Unit		AJY288LALBHH	AJY306LALBHH	AJY324LALBHH	AJY342LALBHH
Horse Power / Number of Modules		32 / 3	34 / 3	36 / 3	38 / 3
Maximum Connectable Indoor Units		64	64	64	64
Nominal Cooling Capacity	kW	89.4	95.9	100.5	107.0
Max Heating Capacity	kW	- / 100.05	- / 107.5	- / 112.5	- / 120.0
EER / COP Nominal / COP Max Heating		3.87 / - / 4.45	3.82 / - / 4.30	3.74 / - / 4.34	3.70 / - / 4.21
SEER / SCOP		- / -	- / -	- / -	- / -
Input Power (Cool / Nom Heat / Max Heat)	kW	23.12 / - / 22.47	25.12 / - / 24.99	26.88 / - / 25.95	28.88 / - / 28.47
Dimensions (H x W x D)	mm	1,690 x 1,240 x 2 x 930 x 765	1,690 x 1,240 x 2 x 930 x 765	1,690 x 1,240 x 3 x 765	1,690 x 1,240 x 3 x 765
Weight	kg	275 x 2 + 252	275 x 2 + 252	275 x 3	275 x 3
Sound Pressure Level Cooling / Heating	dB(A)	61 / 64	63 / 65	63 / 65	64 / 65
Maximum external static pressure	Pa	82	82	82	82
Pipe Size (Liquid - Discharge - Suction)	mm	3/4" - 1 3/8" - NA	3/4" - 1 3/8" - NA	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA
Ref. Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T		11.8 x 2 + 11.7 (24.6 x 2 + 24.4)	11.8 x 2 + 11.7 (24.6 x 2 + 24.4)	11.8 x 3 (24.6 x 3)	11.8 x 3 (24.6 x 3)
Power Source		3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price		£23,114	£24,559	£25,236	£26,681

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Refer to pages [043 to 047](#) for indoor units

Outdoor Unit		AJY360LALBHH	AJY378LALBHH	AJY396LALBHH	AJY414LALBHH
Horse Power / Number of Modules		40 / 3	42 / 3	44 / 3	46 / 3
Maximum Connectable Indoor Units		64	64	64	64
Nominal Cooling Capacity	kW	113.5	120.0	125.0	130.0
Max Heating Capacity	kW	- / 127.5	- / 135.0	- / 140.0	- / 145.0
EER / COP Nominal / COP Max Heating		3.68 / - / 4.11	3.65 / - / 4.03	3.58 / - / 3.89	3.52 / - / 3.77
SEER / SCOP		- / -	- / -	- / -	- / -
Input Power (Cool / Nom Heat / Max Heat)	kW	30.88 / - / 30.99	32.88 / - / 33.51	34.93 / - / 35.97	36.98 / - / 38.43
Dimensions (H x W x D)	mm	1,690 x 1,240 x 3 x 765	1,690 x 1,240 x 3 x 765	1,690 x 1,240 x 3 x 765	1,690 x 1,240 x 3 x 765
Weight	kg	275 x 3	275 x 3	275 x 3	275 x 3
Sound Pressure Level Cooling / Heating	dB(A)	64 / 66	65 / 67	66 / 68	66 / 68
Maximum external static pressure	Pa	82	82	82	82
Pipe Size (Liquid - Discharge - Suction)	mm	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA
Ref. Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T		11.8 x 3 (24.6 x 3)	11.8 x 3 (24.6 x 3)	11.8 x 3 (24.6 x 3)	11.8 x 3 (24.6 x 3)
Power Source		3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price		£28,126	£29,571	£31,620	£33,669

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Refer to pages [043 to 047](#) for indoor units

VR-IV HEAT RECOVERY VRF OUTDOOR UNITS - SPACE SAVING
VR-IV Heat Recovery VRF Outdoor Units 8 to 24 HP - Three Phase

AIRSTAGE VR-IV


Prices exclude outdoor connection kits where required

Outdoor Unit	AJY072GALBH	AJY090GALBH	AJY108GALBH
Horse Power / Number of Modules	8 / 1	10 / 1	12 / 1
Maximum Connectable Indoor Units	17	21	26
Nominal Cooling Capacity kW	22.4	28.0	33.5
Max Heating Capacity kW	22.4 / 25.0	28.0 / 31.5	33.5 / 37.5
EER / COP Nominal / COP Max Heating	4.11 / 4.74 / 4.39	3.94 / 4.67 / 4.30	3.44 / 4.25 / 3.90
SEER / SCOP	7.85 / 3.62	7.05 / 3.51	6.90 / 3.52
Input Power (Cool / Nom Heat / Max Heat) kW	5.45 / 4.73 / 5.70	7.11 / 6.00 / 7.33	9.75 / 7.89 / 9.62
Dimensions (H x W x D) mm	1,690 x 930 x 765	1,690 x 930 x 765	1,690 x 930 x 765
Weight kg	262	262	262
Sound Pressure Level Cooling / Heating dB(A)	56 / 58	58 / 59	59 / 62
Maximum external static pressure Pa	80	80	80
Pipe Size (Liquid - Discharge - Suction) mm	1/2" - 5/8" - 7/8"	1/2" - 3/4" - 7/8"	1/2" - 3/4" - 1 1/8"
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T	11.8 (24.6)	11.8 (24.6)	11.8 (24.6)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£6,574	£7,189	£8,791

Sys operation range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

 Refer to pages [043 to 047](#) for indoor units

Outdoor Unit	AJY126GALBH	AJY144GALBH	AJY162GALBH
Horse Power / Number of Modules	14 / 1	16 / 1	18 / 2
Maximum Connectable Indoor Units	30	34	39
Nominal Cooling Capacity kW	40.0	45.0	50.4
Max Heating Capacity kW	40.0 / 45.0	45.0 / 50.0	- / 56.5
EER / COP Nominal / COP Max Heating	3.53 / 4.52 / 4.13	3.12 / 4.27 / 3.92	4.01 / - / 4.34
SEER / SCOP	7.56 / 4.44	7.17 / 4.09	7.54 / 3.58
Input Power (Cool / Nom Heat / Max Heat) kW	11.34 / 8.85 / 10.90	14.42 / 10.54 / 12.77	12.56 / - / 13.03
Dimensions (H x W x D) mm	1,690 x 1,240 x 765	1,690 x 1,240 x 765	1,690 x 930 x 765
Weight kg	286	286	262x2
Sound Pressure Level Cooling / Heating dB(A)	60 / 62	61 / 62	60 / 62
Maximum external static pressure Pa	80	80	80
Pipe Size (Liquid - Discharge - Suction) mm	1/2" - 7/8" - 1 1/8"	1/2" - 7/8" - 1 1/8"	5/8" - 7/8" - 1 1/8"
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T	11.8 (24.6)	11.8 (24.6)	11.8x2 (24.6x2)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£10,273	£11,856	£13,763

Sys operation range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

 Refer to pages [043 to 047](#) for indoor units

Outdoor Unit	AJY180GALBH	AJY198GALBH	AJY216GALBH
Horse Power / Number of Modules	20 / 2	22 / 2	24 / 2
Maximum Connectable Indoor Units	43	47	52
Nominal Cooling Capacity kW	56.0	61.5	67.0
Max Heating Capacity kW	- / 63.0	- / 69.0	- / 75.0
EER / COP Nominal / COP Max Heating	3.94 / - / 4.30	3.65 / - / 4.07	3.44 / - / 3.90
SEER / SCOP	7.05 / 3.51	7.04 / 3.54	6.90 / 3.52
Input Power (Cool / Nom Heat / Max Heat) kW	14.22 / - / 14.66	16.86 / - / 16.95	19.50 / - / 19.24
Dimensions (H x W x D) mm	1,690 x 930x2 x 765	1,690 x 930x2 x 765	1,690 x 930x2 x 765
Weight kg	262x2	262x2	262x2
Sound Pressure Level Cooling / Heating dB(A)	61 / 62	62 / 63	62 / 64
Maximum external static pressure Pa	80	80	80
Pipe Size (Liquid - Discharge - Suction) mm	5/8" - 7/8" - 1 1/8"	5/8" - 1 1/8" - 1 3/8"	5/8" - 1 1/8" - 1 3/8"
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO ₂ eq-T	11.8x2 (24.6x2)	11.8x2 (24.6x2)	11.8x2 (24.6x2)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£14,378	£15,980	£17,582

Sys operation range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

 Refer to pages [043 to 047](#) for indoor units

VR-IV HEAT RECOVERY VRF OUTDOOR UNITS - SPACE SAVING

VR-IV Heat Recovery VRF Outdoor Units 26 to 48 HP - Three Phase



AIRSTAGE VR-IV



Prices exclude outdoor connection kits where required

Outdoor Unit	AJY234GALBH	AJY252GALBH	AJY270GALBH	AJY288GALBH
Horse Power / Number of Modules	26 / 2	28 / 2	30 / 2	32 / 2
Maximum Connectable Indoor Units	56	60	64	64
Nominal Cooling Capacity kW	73.0	78.5	85.0	90.0
Max Heating Capacity kW	- / 81.5	- / 87.5	- / 95.0	- / 100.0
EER / COP Nominal / COP Max Heating	3.39 / - / 4.05	3.25 / - / 3.91	3.30 / - / 4.01	3.12 / - / 3.92
SEER / SCOP	7.15 / 3.84	7.09 / 3.83	7.37 / 4.26	7.17 / 4.09
Input Power (Cool / Nom Heat / Max Heat) kW	21.53 / - / 20.10	24.17 / - / 22.39	25.76 / - / 23.67	28.84 / - / 25.54
Dimensions (H x W x D) mm	1,690 x 1,240+930 x 765	1,690 x 1,240+930 x 765	1,690 x 1,240+2 x 765	1,690 x 1,240+2 x 765
Weight kg	286+262	286+262	286+2	286+2
Sound Pressure Level Cooling / Heating dB(A)	63 / 63	63 / 64	64 / 64	64 / 64
Maximum external static pressure Pa	80	80	80	80
Pipe Size (Liquid - Discharge - Suction) mm	5/8" - 1 1/8" - 1 3/8"	5/8" - 1 1/8" - 1 3/8"	3/4" - 1 1/8" - 1 3/8"	3/4" - 1 1/8" - 1 3/8"
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8x2 (24.6x2)	11.8x2 (24.6x2)	11.8x2 (24.6x2)	11.8x2 (24.6x2)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£19,045	£20,647	£22,129	£23,712

Sys op range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

Refer to pages 043 to 047 for indoor units

Outdoor Unit	AJY306GALBH	AJY324GALBH	AJY342GALBH	AJY360GALBH
Horse Power / Number of Modules	34 / 3	36 / 3	38 / 3	40 / 3
Maximum Connectable Indoor Units	64	64	64	64
Nominal Cooling Capacity kW	95.0	100.5	106.5	112.0
Max Heating Capacity kW	- / 106.5	- / 112.5	- / 119.0	- / 125.0
EER / COP Nominal / COP Max Heating	3.57 / - / 4.01	3.44 / - / 3.90	3.40 / - / 4.00	3.30 / - / 3.91
SEER / SCOP	7.01 / 3.53	6.90 / 3.52	7.10 / 3.74	7.06 / 3.73
Input Power (Cool / Nom Heat / Max Heat) kW	26.61 / - / 26.57	29.25 / - / 28.86	31.28 / - / 29.72	33.92 / - / 32.01
Dimensions (H x W x D) mm	1,690 x 930+3 x 765	1,690 x 930+3 x 765	1,690 x 1,240+930+2 x 765	1,690 x 1,240+930+2 x 765
Weight kg	262+3	262+3	286+262+2	286+262+2
Sound Pressure Level Cooling / Heating dB(A)	63 / 65	64 / 67	64 / 65	65 / 67
Maximum external static pressure Pa	80	80	80	80
Pipe Size (Liquid - Discharge - Suction) mm	3/4" - 1 1/8" - 1 3/8"	3/4" - 1 1/8" - 1 5/8"	3/4" - 1 3/8" - 1 5/8"	3/4" - 1 3/8" - 1 5/8"
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£24,771	£26,373	£27,836	£29,438

Sys op range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

Refer to pages 043 to 047 for indoor units

Outdoor Unit	AJY378GALBH	AJY396GALBH	AJY414GALBH	AJY432GALBH
Horse Power / Number of Modules	42 / 3	44 / 3	46 / 3	48 / 3
Maximum Connectable Indoor Units	64	64	64	64
Nominal Cooling Capacity kW	118.0	123.5	130.0	135.0
Max Heating Capacity kW	- / 131.5	- / 137.5	- / 145.0	- / 150.0
EER / COP Nominal / COP Max Heating	3.28 / - / 4.00	3.20 / - / 3.91	3.24 / - / 3.98	3.12 / - / 3.92
SEER / SCOP	7.16 / 3.93	7.13 / 3.92	7.31 / 4.20	7.17 / 4.09
Input Power (Cool / Nom Heat / Max Heat) kW	35.95 / - / 32.87	38.59 / - / 35.16	40.18 / - / 36.44	43.26 / - / 38.31
Dimensions (H x W x D) mm	1,690 x 1,240+2+930 x 765	1,690 x 1,240+2+930 x 765	1,690 x 1,240+3 x 765	1,690 x 1,240+3 x 765
Weight kg	286+2+262	286+2+262	286+3	286+3
Sound Pressure Level Cooling / Heating dB(A)	65 / 66	65 / 67	65 / 67	66 / 67
Maximum external static pressure Pa	80	80	80	80
Pipe Size (Liquid - Discharge - Suction) mm	3/4" - 1 3/8" - 1 5/8"	3/4" - 1 3/8" - 1 5/8"	3/4" - 1 3/8" - 1 5/8"	3/4" - 1 3/8" - 1 5/8"
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£30,901	£32,503	£33,985	£35,568

Sys op range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

Refer to pages 043 to 047 for indoor units

VR-IV HEAT RECOVERY VRF OUTDOOR UNITS - ENERGY EFFICIENCY
VR-IV Heat Recovery Outdoor Units Energy Efficiency Combinations

AIRSTAGE VR-IV


Prices exclude outdoor connection kits where required

Outdoor Unit		AJY144GALBHH	AJY198GALBHH	AJY216GALBHH
Horse Power / Number of Modules		16 / 2	22 / 2	24 / 3
Maximum Connectable Indoor Units		34	39	43
Nominal Cooling Capacity	kW	44.8	62.4	67.2
Max Heating Capacity	kW	- / 50.0	- / 70.0	- / 75.0
EER / COP Nominal / COP Max Heating		4.11 / - / 4.39	3.72 / - / 4.22	4.11 / - / 4.39
SEER / SCOP		- / -	- / -	- / -
Input Power (Cool / Nom Heat / Max Heat)	kW	10.90 / - / 11.40	16.79 / - / 16.60	16.35 / - / 17.10
Dimensions (H x W x D)	mm	1,690 x 930x2 x 765	1,690 x 1,240x930 x 765	1,690 x 930x3 x 765
Weight	kg	262x2	286+262	262x3
Sound Pressure Level Cooling / Heating	dB(A)	59 / 61	61 / 63	61 / 63
Maximum external static pressure	Pa	80	80	80
Pipe Size (Liquid - Discharge - Suction)	mm	1/2" - 7/8" - 1 1/8"	5/8" - 1 1/8" - 1 3/8"	5/8" - 1 1/8" - 1 3/8"
Ref. Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T		11.8x2 (24.6x2)	11.8x2 (24.6x2)	11.8x3 (24.6x3)
Power Source		3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price		£13,148	£16,847	£19,722

Sys operation range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

 Refer to pages [043 to 047](#) for indoor units

Outdoor Unit		AJY234GALBHH	AJY252GALBHH	AJY270GALBHH
Horse Power / Number of Modules		26 / 3	28 / 3	30 / 3
Maximum Connectable Indoor Units		52	56	60
Nominal Cooling Capacity	kW	72.8	78.4	84.0
Max Heating Capacity	kW	- / 81.5	- / 88.0	- / 94.5
EER / COP Nominal / COP Max Heating		4.04 / - / 4.35	3.99 / - / 4.32	3.94 / - / 4.30
SEER / SCOP		- / -	- / -	- / -
Input Power (Cool / Nom Heat / Max Heat)	kW	18.01 / - / 18.73	19.67 / - / 20.36	21.33 / - / 21.99
Dimensions (H x W x D)	mm	1,690 x 930x3 x 765	1,690 x 930x3 x 765	1,690 x 930x3 x 765
Weight	kg	262x3	262x3	262x3
Sound Pressure Level Cooling / Heating	dB(A)	62 / 63	62 / 63	63 / 64
Maximum external static pressure	Pa	80	80	80
Pipe Size (Liquid - Discharge - Suction)	mm	5/8" - 1 1/8" - 1 3/8"	5/8" - 1 1/8" - 1 3/8"	3/4" - 1 1/8" - 1 3/8"
Ref. Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T		11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)
Power Source		3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price		£20,337	£20,952	£21,567

Sys operation range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

 Refer to pages [043 to 047](#) for indoor units

Outdoor Unit		AJY288GALBHH	AJY306GALBHH	AJY324GALBHH
Horse Power / Number of Modules		32 / 3	34 / 3	36 / 3
Maximum Connectable Indoor Units		64	64	64
Nominal Cooling Capacity	kW	90.4	96.0	102.4
Max Heating Capacity	kW	- / 101.5	- / 108.0	- / 115.0
EER / COP Nominal / COP Max Heating		3.78 / - / 4.24	3.76 / - / 4.23	3.64 / - / 4.18
SEER / SCOP		- / -	- / -	- / -
Input Power (Cool / Nom Heat / Max Heat)	kW	23.90 / - / 23.93	25.56 / - / 25.56	28.13 / - / 27.50
Dimensions (H x W x D)	mm	1,690 x 1,240x930x2 x 765	1,690 x 1,240x930x2 x 765	1,690 x 1,240x2x930 x 765
Weight	kg	286+262x2	286+262x2	286x2+262
Sound Pressure Level Cooling / Heating	dB(A)	63 / 64	64 / 65	64 / 66
Maximum external static pressure	Pa	80	80	80
Pipe Size (Liquid - Discharge - Suction)	mm	3/4" - 1 1/8" - 1 3/8"	3/4" - 1 1/8" - 1 3/8"	3/4" - 1 1/8" - 1 5/8"
Ref. Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T		11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)
Power Source		3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price		£24,036	£24,651	£27,120

Sys operation range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

 Refer to pages [043 to 047](#) for indoor units

VR-IV Heat Recovery Outdoor Units Energy Efficiency Combinations



AIRSTAGE VR-IV



Prices exclude outdoor connection kits where required

Outdoor Unit	AJY342GALBHH	AJY360GALBHH	AJY378GALBHH	AJY396GALBHH
Horse Power / Number of Modules	38 / 3	40 / 3	42 / 3	44 / 3
Maximum Connectable Indoor Units	64	64	64	64
Nominal Cooling Capacity kW	108.0	113.0	120.0	125.0
Max Heating Capacity kW	- / 121.5	- / 126.5	- / 135.0	- / 140.0
EER / COP Nominal / COP Max Heating	3.63 / - / 4.17	3.44 / - / 4.08	3.53 / - / 4.13	3.37 / - / 4.05
SEER / SCOP	- / -	- / -	- / -	- / -
Input Power (Cool / Nom Heat / Max Heat) kW	29.79 / - / 29.13	32.87 / - / 31.00	34.02 / - / 32.70	37.10 / - / 34.57
Dimensions (H x W x D) mm	1,690 x 1,240 x 2+930 x 765	1,690 x 1,240 x 2+930 x 765	1,690 x 1,240 x 3 x 765	1,690 x 1,240 x 3 x 765
Weight kg	286 x 2+262	286 x 2+262	286 x 3	286 x 3
Sound Pressure Level Cooling / Heating dB(A)	64 / 66	65 / 66	65 / 67	65 / 67
Maximum external static pressure Pa	80	80	80	80
Pipe Size (Liquid - Discharge - Suction) mm	3/4" - 1 3/8" - 1 5/8"	3/4" - 1 3/8" - 1 5/8"	3/4" - 1 3/8" - 1 5/8"	3/4" - 1 3/8" - 1 5/8"
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8 x 3 (24.6 x 3)	11.8 x 3 (24.6 x 3)	11.8 x 3 (24.6 x 3)	11.8 x 3 (24.6 x 3)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz
Outdoor Unit Price	£27,735	£29,318	£30,819	£32,402

Sys op range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

Refer to pages 043 to 047 for indoor units

Wall Mounted VRF Indoor Units

All models require a 1Ph - 230V - 50Hz power source



AS YA004-014GCGH



AS YA18-24GBCH



AS YA30-34GTEH

Indoor Unit	AS YA004GCGH	AS YA007GCGH	AS YA009GCGH	AS YE004GTEH	AS YE007GTEH	AS YE009GTEH
Nominal Cooling Capacity kW	1.1	2.2	2.8	1.1	2.2	2.8
UK Cooling (Total / Sensible) kW	0.8 / 0.7	1.6 / 1.4	2.1 / 1.8	0.8 / 0.7	1.6 / 1.4	2.1 / 1.8
Nominal Heating Capacity kW	1.3	2.8	3.2	1.3	2.8	3.2
UK Heating kW	1.2	2.6	3.0	1.2	2.6	3.0
Input Power Cooling / Heating W	12	16	20	13	19	34
Dimensions (H x W x D) mm	268 x 840 x 203	268 x 840 x 203	268 x 840 x 203	262 x 820 x 206	262 x 820 x 206	262 x 820 x 206
Weight kg	8.0	8.5	8.5	7.5	7.5	7.5
Sound Pressure Level - min / max dB(A)	22 / 31	22 / 34	22 / 37	22 / 31	22 / 35	22 / 43
Pipe Size (Liquid - Gas) mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"
Indoor Unit Price	£625	£625	£636	£563	£563	£576

AS YA indoor units have an internal EEV, AS YE indoor units require external EEV kit, UTREV09XB £80

Indoor Unit	AS YA012GCGH	AS YA014GCGH	AS YE012GCEH	AS YE014GCEH
Nominal Cooling Capacity kW	3.6	4.0	3.6	4.0
UK Cooling (Total / Sensible) kW	2.7 / 2.3	3.3 / 2.7	2.7 / 2.3	3.3 / 2.7
Nominal Heating Capacity kW	4.0	4.5	4.0	4.5
UK Heating kW	3.8	4.7	3.8	4.7
Input Power Cooling / Heating W	25	36	25	36
Dimensions (H x W x D) mm	268 x 840 x 203	268 x 840 x 203	268 x 840 x 203	268 x 840 x 203
Weight kg	8.5	8.5	8.5	8.5
Sound Pressure Level - min / max dB(A)	24 / 40	24 / 44	24 / 40	24 / 44
Pipe Size (Liquid - Gas) mm	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"
Indoor Unit Price	£655	£695	£575	£617

AS YA indoor units have an internal EEV, AS YE indoor units require external EEV kit, UTREV14XB £80

Indoor Unit	AS YA18GBCH	AS YA24GBCH	AS YA030GTEH	AS YA034GTEH
Nominal Cooling Capacity kW	5.6	7.1	9.0	10.0
UK Cooling (Total / Sensible) kW	4.2 / 3.5	5.3 / 4.6	6.7 / 5.7	7.4 / 6.5
Nominal Heating Capacity kW	6.3	8.0	10.0	11.2
UK Heating kW	5.9	7.4	9.3	10.4
Input Power Cooling / Heating W	32	60	74	103
Dimensions (H x W x D) mm	320 x 998 x 238	320 x 998 x 238	340 x 1,150 x 280	340 x 1,150 x 280
Weight kg	15.0	15.0	18.0	18.0
Sound Pressure Level - min / max dB(A)	41 / 41	48 / 48	33 / 53	33 / 55
Pipe Size (Liquid - Gas) mm	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Indoor Unit Price	£721	£787	£860	£972

VRF INDOOR UNITS
Compact Cassette - Grid type VRF Indoor Units

All models require a 1Ph - 230V - 50Hz power source



Indoor Unit		AUXB004GLEH	AUXB007GLEH	AUXB009GLEH	AUXB012GLEH	AUXB014GLEH	AUXB018GLEH	AUXB024GLEH
Nominal Cooling Capacity	kW	1.1	2.2	2.8	3.6	4.5	5.6	7.1
UK Cooling (Total / Sensible)	kW	0.8 / 0.7	1.6 / 1.5	2.1 / 1.7	2.7 / 2.3	3.3 / 2.7	4.2 / 3.2	5.3 / 4.4
Nominal Heating Capacity	kW	1.3	2.8	3.2	4.1	5.0	6.3	8.0
UK Heating	kW	1.2	2.6	3.0	3.8	4.7	5.9	7.4
Input Power Cooling / Heating	W	23	25	25	29	35	36	84
Dimensions (H x W x D)	mm	245 x 570 x 570 (Excluding Grille)						
Weight	kg	14.5	15.0	15.0	15.0	15.0	17.0	17.0
Sound Pressure Level - min / max	dB(A)	21 / 34	25 / 34	25 / 35	27 / 37	27 / 38	27 / 41	30 / 50
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"
Indoor Unit Price		£821	£821	£839	£865	£922	£965	£1,069

Indoor unit price excludes grille, UTGUFYEW £170

Cassette Slim Type - 4 Way Flow VRF Indoor Units (While Stocks Last)

All models require a 1Ph - 230V - 50Hz power source



Indoor Unit		AUXD18GALH	AUXD24GALH
Nominal Cooling Capacity	kW	5.6	7.1
UK Cooling (Total / Sensible)	kW	TBC	TBC
Nominal Heating Capacity	kW	6.3	8.0
UK Heating	kW	TBC	TBC
Input Power Cooling / Heating	W	39	46
Dimensions (H x W x D)	mm	246 x 840 x 840 (Excluding Grille)	246 x 840 x 840 (Excluding Grille)
Weight	kg	22.0	22.0
Sound Pressure Level - min / max	dB(A)	29 / 36	29 / 38
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"
Indoor Unit Price		£917	£997

Indoor unit price excludes grille, UTGUGYAW £185

Cassette Large Type - Circular Flow VRF Indoor Units (5.6 to 10.0kW)

All models require a 1Ph - 230V - 50Hz power source



Indoor Unit		AUXK018GLEH	AUXK024GLEH	AUXK030GLEH	AUXK034GLEH
Nominal Cooling Capacity	kW	5.6	7.1	9.0	10.0
UK Cooling (Total / Sensible)	kW	4.2 / 3.3	5.3 / 4.4	6.7 / 5.3	7.4 / 5.9
Nominal Heating Capacity	kW	6.3	8.0	10.0	11.2
UK Heating	kW	5.9	7.4	9.3	10.4
Input Power Cooling / Heating	W	40	40	47	47
Dimensions (H x W x D)	mm	288 x 840 x 840 (Excluding Grille)			
Weight	kg	26.5	26.5	29.5	29.5
Sound Pressure Level - min / max	dB(A)	33 / 38	33 / 38	33 / 39	33 / 39
Pipe Size (Liquid - Gas)	mm	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Indoor Unit Price		£1,008	£1,080	£1,179	£1,277

Indoor unit price excludes grille, UTGUKYCW £188

Cassette Large Type - Circular Flow VRF Indoor Units (11.2 to 14.0kW)

All models require a 1Ph - 230V - 50Hz power source



Indoor Unit		AUXK036GLEH	AUXK045GLEH	AUXK054GLEH
Nominal Cooling Capacity	kW	11.2	12.5	14.0
UK Cooling (Total / Sensible)	kW	8.3 / 6.7	9.3 / 7.6	10.4 / 8.7
Nominal Heating Capacity	kW	12.5	14.0	16.0
UK Heating	kW	11.6	13.0	14.9
Input Power Cooling / Heating	W	61	89	116
Dimensions (H x W x D)	mm	288 x 840 x 840 (Excluding Grille)		
Weight	kg	29.5	29.5	29.5
Sound Pressure Level - min / max	dB(A)	33 / 41	33 / 44	33 / 47
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Indoor Unit Price		£1,440	£1,454	£1,549

Indoor unit price excludes grille, UTGUKYCW £188

One Way Flow Cassette - VRF Indoor Units

All models require a 1Ph - 230V - 50Hz power source



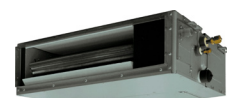
Indoor Unit		AUXV004GLEH	AUXV007GLEH	AUXV009GLEH	AUXV012GLEH	AUXV014GLEH	AUXV018GLEH	AUXV024GLEH
Nominal Cooling Capacity	kW	1.1	2.2	2.8	3.6	4.5	5.6	7.1
UK Cooling (Total / Sensible)	kW	0.8 / 0.7	1.6 / 1.4	2.1 / 1.8	2.7 / 2.2	3.3 / 2.7	4.2 / 3.4	5.3 / 4.5
Nominal Heating Capacity	kW	1.3	2.8	3.2	4.0	5.0	6.3	8.0
UK Heating	kW	1.2	2.6	3.0	3.8	4.7	5.9	7.4
Input Power Cooling / Heating	W	30	42	42	60	38	56	99
Dimensions (H x W x D)	mm	198 x 785 x 570 (Excluding Grille)				198 x 1,190 x 570 (Excluding Grille)		
Weight	kg	18.0	19.0	19.0	19.0	26.0	26.0	27.0
Sound Pressure Level - min / max	dB(A)	32 / 38	32 / 42	32 / 42	32 / 45	32 / 37	34 / 44	36 / 49
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"
Indoor Unit Price		£825	£836	£865	£925	£976	£980	£1,057

Indoor unit price excludes grille, Size 004 to 012 UTGUNYAW £165, Size 014 to 024 UTGUNYBW £229

Bulkhead Ducted Unit (with drain pump) VRF Indoor Units

Sizes 4 to 12, Static Pressure Range 0 to 30 PA, Sizes 14 to 24, Static Pressure Range 0 to 50 PA

All models require a 1Ph - 230V - 50Hz power source



Indoor Unit		ARXK004GLGH	ARXK007GLGH	ARXK009GLGH	ARXK012GLGH	ARXK014GLGH	ARXK018GLGH	ARXK024GLGH
Nominal Cooling Capacity	kW	1.1	2.2	2.8	3.6	4.5	5.6	7.1
UK Cooling (Total / Sensible)	kW	0.8 / 0.7	1.6 / 1.3	2.1 / 1.7	2.7 / 2.2	3.3 / 2.8	4.2 / 3.5	5.3 / 4.4
Nominal Heating Capacity	kW	1.3	2.8	3.2	4.0	5.0	6.3	8.0
UK Heating	kW	1.2	2.6	3.0	3.8	4.7	5.9	7.4
Input Power Cooling / Heating	W	26	28	28	35	66	73	80
Dimensions (H x W x D)	mm	198 x 700 x 450	198 x 700 x 450	198 x 700 x 450	198 x 700 x 450	198 x 700 x 450	198 x 900 x 450	198 x 1,100 x 450
Weight	kg	14.5	15.5	15.5	16.0	16.0	19.0	22.5
Sound Pressure Level - min / max	dB(A)	20 / 25	21 / 26	21 / 26	22 / 29	22 / 34	22 / 33	22 / 32
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"
Indoor Unit Price		£714	£714	£730	£815	£848	£908	£960

Slim Duct / Slim Conealed Floor VRF Indoor Units (1.1 to 3.6kW)

Static Pressure Range 0 to 90 PA

All models require a 1Ph - 230V - 50Hz power source



Indoor Unit		ARXD004GALH	ARXD007GLEH	ARXD009GLEH	ARXD012GLEH
Nominal Cooling Capacity	kW	1.1	2.2	2.8	3.6
UK Cooling (Total / Sensible)	kW	TBC	1.6 / 1.5	2.1 / 1.8	2.7 / 2.3
Nominal Heating Capacity	kW	1.3	2.8	3.2	4.0
UK Heating	kW	TBC	2.6	3.0	3.8
Input Power Cooling / Heating	W	40	44	50	54
Dimensions (H x W x D)	mm	198 x 700 x 620	198 x 700 x 620	198 x 700 x 620	198 x 700 x 620
Weight	kg	17.0	17.0	17.0	18.0
Sound Pressure Level - min / max	dB(A)	22 / 26	21 / 28	21 / 29	22 / 30
Pipe Size (Liquid - Gas)	mm	1/4" - 1/2"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"
Indoor Unit Price		£708	£751	£771	£857

Slim Duct / Slim Conealed Floor VRF Indoor Units (4.5 to 7.1kW)

Size 14 to 18, Static Pressure Range 0 to 90 PA, Size 24 Static Pressure Range 0 to 50 PA

All models require a 1Ph - 230V - 50Hz power source

Indoor Unit		ARXD014GLEH	ARXD018GLEH	ARXD024GLEH
Nominal Cooling Capacity	kW	4.5	5.6	7.1
UK Cooling (Total / Sensible)	kW	3.3 / 2.9	4.2 / 3.5	5.3 / 4.9
Nominal Heating Capacity	kW	5.0	6.3	8.0
UK Heating	kW	2.9	3.5	4.9
Input Power Cooling / Heating	W	92	83	122
Dimensions (H x W x D)	mm	198 x 700 x 620	198 x 900 x 620	198 x 1,100 x 620
Weight	kg	18.0	22.0	26.0
Sound Pressure Level - min / max	dB(A)	22 / 34	23 / 34	21 / 35
Pipe Size (Liquid - Gas)	mm	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"
Indoor Unit Price		£905	£960	£1,023

VRF INDOOR UNITS

Medium Static Pressur Duct- Normal VRF Indoor Units

Static Pressure Range 0 to 150 PA

All models require a 1Ph - 230V - 50Hz power source



Indoor Unit		ARXA024GLEH	ARXA030GLEH	ARXA036GLEH	ARXA045GLEH
Nominal Cooling Capacity	kW	7.1	9.0	11.2	12.5
UK Cooling (Total / Sensible)	kW	5.3 / 4.7	6.7 / 5.6	8.3 / 7.0	9.3 / 7.9
Nominal Heating Capacity	kW	8.0	10.0	12.5	14.0
UK Heating	kW	7.4	9.3	11.6	13.0
Input Power Cooling / Heating	W	94	108	194	240
Dimensions (H x W x D)	mm	270 x 1,135 x 700	270 x 1,135 x 700	270 x 1,135 x 700	270 x 1,135 x 700
Weight	kg	36.0	40.0	40.0	40.0
Sound Pressure Level - min / max	dB(A)	23 / 31	29 / 34	33 / 37	36 / 41
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Indoor Unit Price		£957	£1,091	£1,229	£1,367

Indoor unit price excludes filter UTDLF25NA £66 & Spiggot UTDRF204 £34

High Static Pressure Duct - VRF Indoor Units 11.2 to 18.0kW

Sizes 36 Static Pressure Range 0 to 200 PA, Sizes 45 to 60 Static Pressure Range 100 to 250 PA

All models require a 1Ph - 230V - 50Hz power source



Indoor Unit		ARXC036GTEH	ARXC45GATH	ARXC60GATH
Nominal Cooling Capacity	kW	11.2	12.5	18.0
UK Cooling (Total / Sensible)	kW	8.3 / 6.9	9.3 / 9.2	13.4 / 12.2
Nominal Heating Capacity	kW	12.5	14.0	20.0
UK Heating	kW	11.6	13.0	18.6
Input Power Cooling / Heating	W	207	715	730
Dimensions (H x W x D)	mm	400 x 1,050 x 500	400 x 1,050 x 500	400 x 1,050 x 500
Weight	kg	40.0	46.0	46.0
Sound Pressure Level - min / max	dB(A)	32 / 42	42 / 49	42 / 49
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 3/4"	3/8" - 3/4"
Indoor Unit Price		£1,475	£1,671	£1,838

Size 36 to 60 are flare connections, Filter for sizes 036, 045 & 060 UTDLF60KA £103

High Static Pressure Duct - Indoor Units 22.4 to 28.0kW

Sizes 72 to 96 Static Pressure Range 0 to 300PA

All models require a 1Ph - 230V - 50Hz power source



ARXC072-090GTEH



ARXC096GTEH

Indoor Unit		ARXC072GTEH	ARXC090GTEH	ARXC096GTEH
Nominal Cooling Capacity	kW	22.4	25.0	28.0
UK Cooling (Total / Sensible)	kW	16.6 / 15.1	18.6 / 15.6	20.8 / 16.7
Nominal Heating Capacity	kW	25.0	28.0	31.5
UK Heating	kW	23.3	26.0	29.3
Input Power Cooling / Heating	W	681	819	838
Dimensions (H x W x D)	mm	450 x 1,587 x 700	450 x 1,587 x 700	550 x 1,587 x 700
Weight	kg	84.0	84.0	105.0
Sound Pressure Level - min / max	dB(A)	40 / 47	44 / 48	42 / 48
Pipe Size (Liquid - Gas)	mm	3/8" - 3/4"	3/8" - 3/4"	3/8" - 7/8"
Indoor Unit Price		£2,023	£2,180	£2,266

Size 72 to 90 are flare connections, size 96 are brazed connections

Compact Floor - Internal EEV VRF Indoor Units

All models require a 1Ph - 230V - 50Hz power source



Indoor Unit		AGYA004GCCGH	AGYA007GCCGH	AGYA009GCCGH	AGYA012GCCGH	AGYA014GCCGH
Nominal Cooling Capacity	kW	1.1	2.2	2.8	3.6	4.0
UK Cooling (Total / Sensible)	kW	0.8 / 0.7	1.6 / 1.4	2.1 / 1.7	2.7 / 2.3	3.0 / 2.5
Nominal Heating Capacity	kW	1.3	2.8	3.2	4.0	4.5
UK Heating	kW	1.2	2.6	3.0	3.8	4.7
Input Power Cooling / Heating	W	14	16	17	22	29
Dimensions (H x W x D)	mm	600 x 740 x 200	600 x 740 x 200	600 x 740 x 200	600 x 740 x 200	600 x 740 x 200
Weight	kg	14.5	15.0	15.0	15.0	15.0
Sound Pressure Level - min / max	dB(A)	22 / 36	22 / 37	22 / 38	30 / 42	30 / 46
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"
Indoor Unit Price		£584	£584	£618	£708	£811

Compact Floor - External EEV VRF Indoor Units

All models require a 1Ph - 230V - 50Hz power source



Indoor Unit		AGYE004GCEH	AGYE007GCEH	AGYE009GCEH	AGYE012GCEH	AGYE014GCEH
Nominal Cooling Capacity	kW	1.1	2.2	2.8	3.6	4.0
UK Cooling (Total / Sensible)	kW	0.8 / 0.7	1.6 / 1.4	2.1 / 1.7	2.7 / 2.3	3.0 / 2.5
Nominal Heating Capacity	kW	1.3	2.8	3.2	4.0	4.5
UK Heating	kW	1.2	2.6	3.0	3.8	4.7
Input Power Cooling / Heating	W	12 / 14	16	17	22	29
Dimensions (H x W x D)	mm	600 x 740 x 200	600 x 740 x 200	600 x 740 x 200	600 x 740 x 200	600 x 740 x 200
Weight	kg	14.5	14.5	14.5	14.5	14.5
Sound Pressure Level - min / max	dB(A)	22 / 36	22 / 37	22 / 38	30 / 42	30 / 46
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"
Indoor Unit Price		£584	£584	£618	£708	£811

EEV Kit for size 4 to 9 UTREV09XB £80, size 12 & 14 UTREV14XB £80

Floor / Ceiling VRF Indoor Units

All models require a 1Ph - 230V - 50Hz power source



Indoor Unit		ABYA012GTEH	ABYA014GTEH	ABYA018GTEH	ABYA024GTEH
Nominal Cooling Capacity	kW	3.6	4.5	5.6	7.1
UK Cooling (Total / Sensible)	kW	2.7 / 2.4	3.3 / 3.0	4.2 / 3.8	5.3 / 4.2
Nominal Heating Capacity	kW	4.0	5.0	6.3	8.0
UK Heating	kW	3.8	4.7	5.9	7.4
Input Power Cooling / Heating	W	30	42	74	99
Dimensions (H x W x D)	mm	199 x 990 x 655	199 x 990 x 655	199 x 990 x 655	199 x 990 x 655
Weight	kg	25.0	26.0	26.0	27.0
Sound Pressure Level - min / max	dB(A)	28 / 36	34 / 40	35 / 46	37 / 47
Pipe Size (Liquid - Gas)	mm	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"
Indoor Unit Price		£980	£1,026	£1,090	£1,137

Ceiling Suspended VRF Indoor Units

All models require a 1Ph - 230V - 50Hz power source



Indoor Unit		ABYA030GTEH	ABYA036GTEH	ABYA045GTEH	ABYA054GTEH
Nominal Cooling Capacity	kW	9.0	11.2	12.5	14.0
UK Cooling (Total / Sensible)	kW	6.7 / 6.1	8.3 / 6.9	9.3 / 7.9	10.4 / 8.9
Nominal Heating Capacity	kW	10.0	12.5	14.0	16.0
UK Heating	kW	9.3	11.6	13.0	14.9
Input Power Cooling / Heating	W	66	85	131	180
Dimensions (H x W x D)	mm	240 x 1,660 x 700	240 x 1,660 x 700	240 x 1,660 x 700	240 x 1,660 x 700
Weight	kg	46.0	48.0	48.0	48.0
Sound Pressure Level - min / max	dB(A)	33 / 42	34 / 45	35 / 48	36 / 51
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Indoor Unit Price		£1,272	£1,402	£1,634	£1,914

Refrigerant Leak Detection Sensors & Alarm Panels



Model Name		TQ31	TQ32 (32 Channel)	TQ32 (64 Channel)	TQ34
Power Source		1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz
Power Consumption		<1.5W	<1.5W	<1.5W	<1.5W
Max Switching Current	A	2	2	2	2
Indicator LED's		Power, Alarm	Power, Alarm, Room No.	Power, Alarm, Room No.	Power, Alarm, Floor No.
Audible Alarm (minimum dB)		75	85	85	85
Gases Detected		Halocarbon Refrigerants	-	-	-
Detection Range		10,000 PPM *	-	-	-
Dimensions (H x W x D)	mm	85 x 146 x 50	364 x 284 x 120	364 x 284 x 120	364 x 284 x 120
Weight	kg	0.3	1.0 approx	1.0 approx	1.0 approx
Unit Price		£288	£2,271	£2,574	£1,969

* factory set 1,000 - 5,000

VRF ACCESSORIES
Single Type RB Units


RB Unit		UTPRX01AH	UTPR X01BH	UTPRX01CH
Power source		1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz
Input power	W	17	24	31
Number of branches		1	1	1
Maximum capacity of connectable indoor units (Q)	kW	Q ≤ 8.0	Q ≤ 18.0	Q ≤ 28.0
Maximum capacity of connectable indoor units per branch (Q)	kW	Q ≤ 8.0	Q ≤ 18.0	Q ≤ 28.0
Maximum number of connectable indoor units per branch		3	8	8
Dimensions (H×W×D)	mm	198×298×268	198×298×268	198×298×268
List Price		£371	£410	£471

Multi Type RB Units


RB Unit		UTPRX04BH	UTPRX08AH	UTPRX12AH
Power source		1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz
Input power	W	96	136	204
Number of branches		4	8	12
Maximum capacity of connectable indoor units (Q)	kW	Q ≤ 56.1*1	Q ≤ 72.0	Q ≤ 95.0
Maximum capacity of connectable indoor units per branch (Q)	kW	Q ≤ 18.0	Q ≤ 8.0	Q ≤ 8.0
Maximum number of connectable indoor units per branch		8	7	7
Dimensions (H×W×D)	mm	260×658×428	298×660×618	298×990×618
List Price		£1,483	£2,851	£4,277

*1: In case of two RB units connected in series (total 8-branches), maximum capacity of connectable indoor units is up to 56.0 kW.

3 Pipe Separation Tubes & Headers


Seperation Tube Model Number	UTPBX090A	UTPBX180A	UTPBX567A
Total cooling capacity of indoor unit (kW)	28.0 or less	28.1 to 56.0	56.1 or mores
List Price	£73	£104	£175

Header Model Number	UTPJ0906A	UTPJ0908A	UTPJ1806A	UTPJ1808A
Total cooling capacity of indoor unit (kW)	28.0 or less		28.1 to 56.0	
Branches	3-6	3-8	3-6	3-8
List Price	£236	£248	£242	£253

2 Pipe Separation Tubes & Headers


Seperation Tube Model Number	UTPAX054A	UTPAX090A	UTPAX180A	UTPAX567A
Total cooling capacity of indoor unit (kW)	19.6 or less	28.0 or less	28.1 to 56.0	56.1 or mores
List Price	£61	£66	£98	£179

Header Model Number	UTRH0906L	UTRH0908L	UTRH1806L	UTRH1808L
Total cooling capacity of indoor unit (kW)	28.0 or less		28.1 to 56.0	
Branches	3-6	3-8	3-6	3-8
List Price	£177	£181	£179	£185

Outdoor Unit Branch Kits


Model Number	UTPCX567A	UTPDX567A
Suitable For	VIII	VR-IV
List Price	£179	£175

VRF CONTROLS & ACCESSORIES

Type	Part Number	Description	List Price
Controllers 	UTYRNRYZ3	Wired Remote Controller (Touch panel)	£166
	UTYRSKY	Simple Remote Controller (with Master Control)	£86
	UTYRHKY	Simple Remote Controller (without Master Control)	£83
	UTYRSRY	New Simple Remote Controller (with Master Control)	£150
	UTYRHRH	New Simple Remote Controller (without Master Control)	£150
	UTYLNHY	Wireless Remote Controller	£51
	UTYRCRYZ1	Compact Remote Controller	£114
	UTYCGGY	Group Remote Controller	£160
	UTYDCGY	Central Remote Controller	£1,895
	UTYDCGYZ1	New Central Remote Controller	£1,895
	UTYDTGYZ1	Touch Panel Controller	£3,577
	UTYPTGXA	Electricity charge apportionment (for UTY-DTGYZ1)	£220
	UTYALGXZ1	System Controller Lite	£2,659
	UTYPLGXA2	Electricity charge apportionment (for UTY-ALGXZ1)	£921
	UTYLRHYB1	IR Receiver Kit for 4way Cassette	£84
	UTYLBHDX	IR Receiver Kit for Circular Flow Cassette	£89
	UTYTRHX	IR Receiver Kit for 3D Flow Cassette	£73
	UTYTRHX	IR Receiver Kit for Ducted Models (Except GATH)	£73
	UTBYWC	IR Receiver Unit for GATH Ducted Units	£82
	UTYSHZXC	Human Sensor for Circular Flow Cassette	£66
Converters & Adapters 	UTYABGXZ1	BACnet Gateway (software) Up-date	£3,238
	UTYVBGX	BACnet Gateway (Hardware)	£2,593
	UTYVLGX	Network Converter for "LONWORKS"	£3,368
	FJRCWIFI2	Wireless Lan Interface	£262
	FJRCKNX1i	KNX Interface	£287
	FJRCMBS1	Modbus Interface	£262
	UTYTEKX	External Switch Controller	£98
	FJACWIFI1	IntesisHome for Fujitsu RAC and VRF systems	£243
	FJIRWIFI1	IntesisHome Universal IR Controller	£262
	UTYTERX	External Switch Controller	£98
	UTYVGGXZ1	Network Converter	£493
	UTYVSGXZ1	Signal Amplifier	£788
	UTYVKGX	KNX converter (for VRF System)	£1,324
	UTYVKSX	KNX converter (for VRF Indoor Unit)	£289
	UTYVTGX	Single Split Converter	£462
	UTYVTGXV	Single Split Converter (AC power supply type)	£631
	UTYVMGX	Modbus Converter	£573
External Connect Kit 	UTYXWZXZA	For Central Remote Controller / Touch Panel Controller	£9
	UTYXWZXZB	For Indoor unit / For RB unit	£9
	UTYXWZXZC	For Indoor unit	£9
	UTYXWZXZD	For Indoor unit	£9
	UTYXWZXZE	For Indoor unit	£9
	UTYXWZXZ6	For RB unit / For Outdoor unit	£9
	UTYXWZXZ7	For Indoor unit / For Central Remote Controller	£9
	UTYXWZXZ8	For Central Remote Controller	£9
Optional Parts 	UTDRF204	Round Flange for medium static pressure ducted LM/KM Units	£34
	UTDSF045T	Square Flange for medium static pressure ducted LM/KM Units	£46
	UTYXSZX	Remote Sensor Unit (for All Duct type)	£81
	UTDLF25NA	Long Life Filter for medium static pressure ducted LM/KM Units	£66
	UTDLF60KA	Long Life Filter for HSP Duct	£103
	UTDGXTAW	Auto Louver Grille for Slim Duct 07-14 / Compact Slim Duct 07-14	£140
	UTDGXTBW	Auto Louver Grille for Slim Duct 18 / Compact Slim Duct 18	£163
	UTDGXTCW	Auto Louver Grille for Slim Duct 24 / Compact Slim Duct 24	£205
	UTZPX1NBA	Drain Pump Unit for ARXA024-045GLEH	£77
	UTZVXAA	Fresh Air Intake Kit for Compact Cassette	£315
	UTZVXRA	Fresh Air Intake Kit for Cassette	£394
	UTRYDZB	Air Outlet Shutter Plate for Compact Cassette	£45
	UTRYDZK	Air Outlet Shutter Plate (for Cassette type)	£48
	UTRDPB24T	Drain Pump Unit (for Ceiling type)	£157

Please consult with the main catalogue or the technical department before ordering to confirm compatibility

ENERGY RECOVERY VENTILATORS & DX KITS

Energy Recovery Ventilators



		Rated Air Flow	250 m3/h	350 m3/h	500 m3/h	800 m3/h	1000 m3/h
		Model Number	UTZ-BD025C	UTZ-BD035C	UTZ-BD050C	UTZ-BD080C	UTZ-BD100C
		Power Source	220 - 240 V, 50Hz				
Heat Exchange Ventilation	Input power (Ex Hi / Hi / Low)	W	128 / 123 / 96	190 / 185 / 168	289 / 225 / 185	418 / 378 / 295	464 / 432 / 311
	Air Flow Rate (Ex Hi / Hi / Low)	m3/h	250 / 250 / 190	350 / 350 / 240	500 / 500 / 440	800 / 800 / 630	1000/1000/700
	Air Flow Rate (Ex Hi / Hi / Low)	l/s	69 / 69 / 52	97 / 97 / 66	138 / 138 / 122	222 / 222 / 175	277 / 277 / 194
	External static pressure (Ex Hi / Hi / Low)	Pa	105 / 95 / 45	140 / 60 / 45	120 / 60 / 35	140 / 110 / 55	105 / 80 / 75
	Temperature Exchange Efficiency (Ex Hi / Hi / Low)	%	75 / 75 / 77	75 / 75 / 78	75 / 75 / 76	75 / 75 / 76	75 / 75 / 79
	Energy Exchange Efficiency - Cooling (Ex Hi / Hi / Low)	%	63 / 63 / 65	66 / 66 / 71	62 / 62 / 64	65 / 65 / 68	65 / 65 / 70
	Energy Exchange Efficiency - Heat Pump (Ex Hi / Hi / Low)	%	70 / 70 / 72	69 / 69 / 73	67 / 67 / 69	71 / 71 / 74	71 / 71 / 76
	Sound pressure level (Ex Hi / Hi / Low)	dB*	31.5/30.5/26.5	33.0/31.0/25.5	37.5/35.5/32.5	37.5/37.0/34.5	38.5/37.5/34.5
Normal Vent	Input power (Ex Hi / Hi / Low)	W	128 / 123 / 96	190 / 185 / 168	289 / 225 / 185	418 / 378 / 295	464 / 432 / 311
	Air Flow Rate (Ex Hi / Hi / Low)	m3/h	250 / 250 / 190	350 / 350 / 240	500 / 500 / 440	800 / 800 / 630	1000/1000/700
	Air Flow Rate (Ex Hi / Hi / Low)	l/s	69 / 69 / 52	97 / 97 / 66	138 / 138 / 122	222 / 222 / 175	277 / 277 / 194
	External static pressure (Ex Hi / Hi / Low)	Pa	105 / 95 / 45	140 / 60 / 45	120 / 60 / 35	140 / 110 / 55	105 / 80 / 75
	Sound pressure level (Ex Hi / Hi / Low)	dB*	31.5/30.5/26.5	33.0/31.0/25.5	38.5/38.0/32.5	37.5/37.0/34.5	40.5/39.5/36.5
Dimensions W×D×H		mm	882×599×270	1050×804×317	1090×904×317	1322×884×388	1322×1134×388
Weight		kg	29	49	57	71	83
Outlet duct diameter		mm	150	150	200	250	250
Operation range		°C	-10 to 40	-10 to 40	-10 to 40	-10 to 40	-10 to 40
Maximum humidity		%	85	85	85	85	85
List Price			£1,144	£1,370	£1,656	£2,262	£2,657

* The noise level must be measured 1.5 m below the center of the unit

Relay Kit - UTYERVRELAY1, £79, Controls ERV from split or VRF IDU (on/off only) - Replaces ERV Remote Controller

DX Kit For Single Split Outdoor Units (Please refer to technical manual for connectable outdoor units)

BTU			12	14	18	24	30	36	45	54	60	72	90
Capacity (Nominal)	Cooling	kW	3.5	4.3	5.2	6.8	8.5	9.4	12.1	13.3	15.0	19.0	22.0
	Heating		4.1	5.0	6.0	7.8	10.0	10.8	13.3	15.8	18.0	22.4	27.0
Model No.			UTY-XDZXUK										
Power source		V/Ø/Hz	230/1/50 (fed from outdoor unit)										
Dimensions (H × W × D)		mm	225 x 155 x 90										
Weight		Kg	0.855										
List Price		£	£850										

Note: Specifications are based on the following conditions.

Cooling: Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.

Heating: Indoor temperature of 20°CDB / (15°CWB), and outdoor temperature of 7°CDB / 6°CWB.

Pipe length: 5.0 m Voltage : 230 [V].

DX Kit For VRF Outdoor Units

Connectable Capacity class			5.0 kW	6.3 kW	8.0 kW	10.0 kW	12.5 kW	14.0 kW	20.0 kW	25.0 kW	40.0 kW	50.0 kW
Capacity	Cooling	kW	5.6	6.3	8.0	10.0	12.5	14.0	22.4	25.0	40.0	50.4
	Heating		6.3	7.1	9.0	11.2	14.0	16.0	25.0	28.0	45.0	56.5
Control unit			UTY-VDGX									
Power source		V/Ø/Hz	230/1/50									
Dimensions (H × W × D)		mm	400 × 400 × 120									
List Price		£	£885									
EEV unit			UTP-VX30A		UTP-VX60A		UTP-VX90A		UTP-VX90A×2			
Connection pipe dia. (Liquid)		mm	Ø9.53		Ø12.70		Ø12.70		Ø12.70			
Dimensions (H × W × D)			160 × 220 × 90									
List Price		£	£268		£268		£268		£536			

Note: Specifications are based on the following conditions.

Cooling: Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.

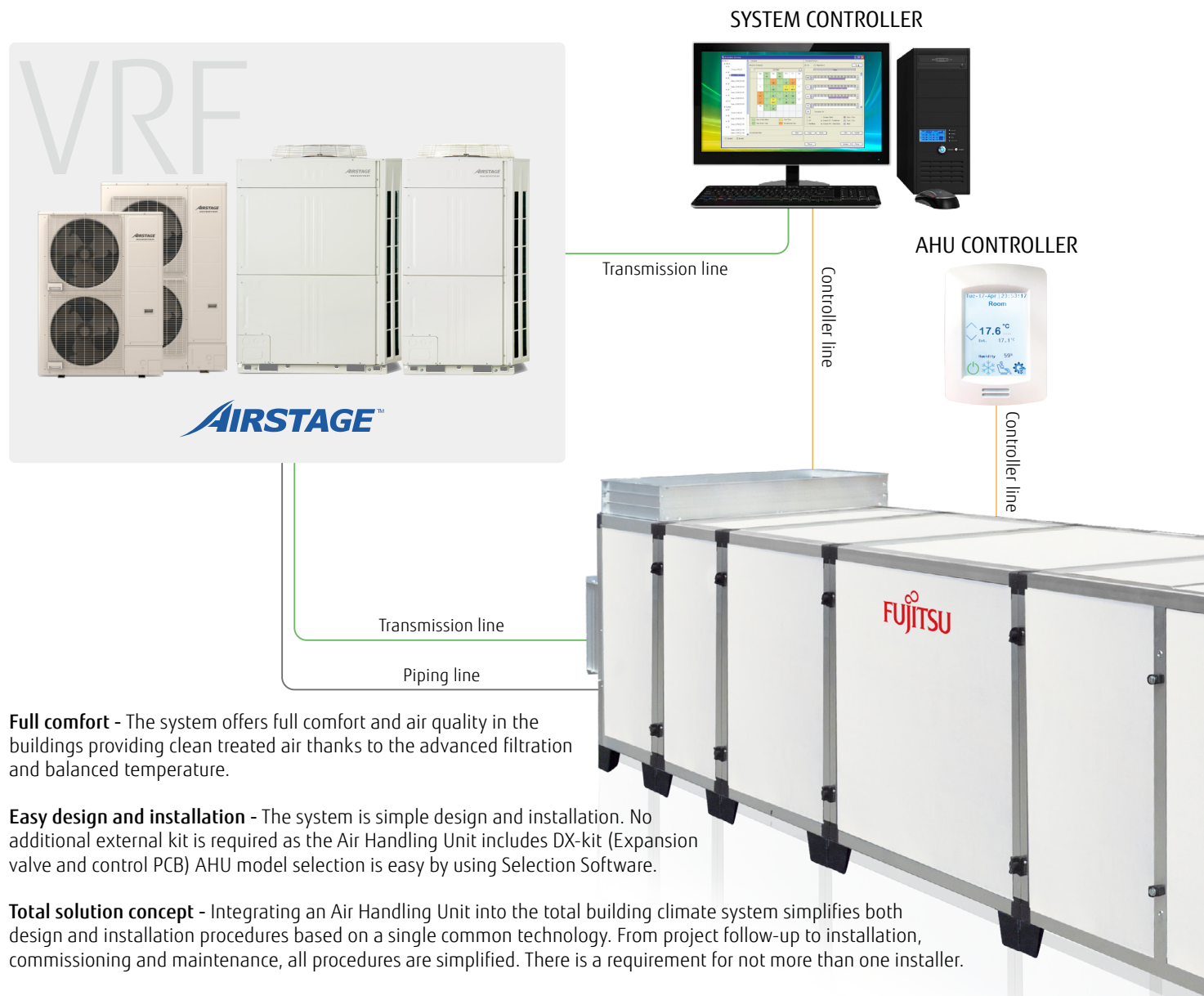
Heating: Indoor temperature of 20°CDB / (15°CWB), and outdoor temperature of 7°CDB / 6°CWB.

Pipe length: 7.5 m Voltage : 230 [V].

Airstage Air Handling Applications - System Overview

The Air handling applications for the AIRSTAGE™ system is the Fujitsu general solution to the most demanding installations, where energy efficiency meets with the highest comfort.

The system is composed of AIRSTAGE™ outdoor units from 10 to 54 HP and Air handling unit for civil and industrial buildings for thermo-ventilation and air conditioning purposes, covering air flow ranges from 4,300 to 18,100 m³/h and cooling capacities from 25 to 96 kW.



Full comfort - The system offers full comfort and air quality in the buildings providing clean treated air thanks to the advanced filtration and balanced temperature.

Easy design and installation - The system is simple design and installation. No additional external kit is required as the Air Handling Unit includes DX-kit (Expansion valve and control PCB) AHU model selection is easy by using Selection Software.

Total solution concept - Integrating an Air Handling Unit into the total building climate system simplifies both design and installation procedures based on a single common technology. From project follow-up to installation, commissioning and maintenance, all procedures are simplified. There is a requirement for not more than one installer.

In addition to our Airstage Air Handling Unit applications we can also offer a range of other applied products, including



Air To Water



Close Control



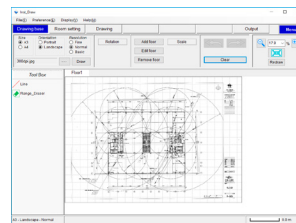
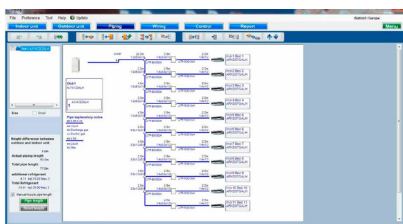
Chillers

For further information regarding our range of applied products please contact sales@fgac.fujitsu-general.com

Design Services

Put your charts and pens away and design your projects on your computer with ease using the Design Simulator. Everything from selecting indoor units and outdoor units, allocating controls and optional parts to designing the piping and wiring systems is made easier using the program's built-in features

Import your image of the floor plan, rooms and outlines can be added, room sizes can be calculated by using the simple scaling feature, giving detailed drawings, piping, accessories, indoor and outdoor positions are all detailed.



Once your project is designed take advantage of the Export functions to easily get materials lists, product specifications, refrigerant calculations and more – it'll even export to Word, Excel & PDF formats, and group the relevant CAD data for your project

At Fujitsu we offer a bespoke design service, tailoring your VRF selection to your specification. The service is available from one of our Distribution Partners or from your local Fujitsu representative.

Technical Support

The Fujitsu technical team have many years of both industry and product knowledge. All enquiries are handled in a timely manner, with over 90% of calls being answered in less than 20 seconds.

Our technical team can be contacted by

Phone: **0208 731 3431**

Email: technical@fgac.fujitsu-general.com

Mobile Technician By FUJITSU GENERAL LIMITED

Fujitsu's Mobile Technician App provides basic error information as well as detailed troubleshooting flow charts, pressure/temperature conversion table and sensor voltage/resistance values



Site Support



Fujitsu offer nationwide site support when needed. Including diagnostic work, installation guidance and commissioning.

All of our engineers are F-Gas certified, CSCS registered and have completed all Fujitsu training courses, they also have many years site experience.

All work is guaranteed and backed-up with a detailed site or commissioning report.

Fujitsu have extremely useful diagnostic and commissioning tools for split/multi and VRF systems. Our VRF Service Tool software is the most detailed and easy to use. From room temperatures to superheat values, it tells you everything you need to know.

Strip and Rebuild

Access to roof space and plant areas can be restricted, and closing a road for crane access sometimes is not possible or feasible. Our Fujitsu engineers can dismantle an outdoor unit to suit your requirements, whether it is dismantled to fit an opening, or dismantled to component level.

Customer Services

We have an experienced and industry award winning customer services team. Our staff have extensive product knowledge, successively completing both industry and Fujitsu courses.

Being dynamic, listening to our customers' needs and with continual improvement, making your experience with us as enjoyable as possible.

The Customer Services team is your one stop shop for quotes, orders, deliveries, returns, warranties, special requests, logistics, product information and speedy, knowledge based service with a smile.

Units

Our leading logistics partner, XPO, have a large fleet and lengthy experience with AC manufacturers, enabling us to meet your delivery requirements.

Text and email ahead service along with mobile app for customers.

Delivery Service Times*

Next Day Standard: 08:00 – 17:00

Next Day AM/PM and specific timed

Out of Hours: Before 08:00 and after 17:00

Weekend

Premium two-man pack and position service, Collection in person**

Phone: **0208 731 3450**

Email: units@fgac.fujitsu-general.com

Tracking App

Where is your delivery? When a mobile number is received with the Fujitsu order this enables delivery alerts to be sent directly to you and by installing the XPO TRAX app for real time updates to be pushed to your phone or tablet.

*Charges apply.

**2-3 Day Delivery for Scottish Highlands, IOM, ROI, NI & off shore UK islands

**Collection available on request from certain warehouses, including, Elstree and Maidstone

Spare Parts

With over 4,000 lines of spares parts stocked in the UK and a European network of Fujitsu suppliers, we are able to provide efficient solutions for you.

Delivery Service Options*

Next Day

Next Day Pre 10:30

Next Day Pre 12:00

Collection in person**

Special deliveries, including Saturdays are available

Phone: **0208 731 3450**

Email: spares@fgac.fujitsu-general.com

Comfort Club

The Comfort Club is our rewards based scheme, which is managed in-house, with our high standard of customer service, designed to benefit our customers by providing tangible rewards based on their spend.

Our members receive 2% of their spend on Fujitsu Product back to them by way of rewards vouchers.

We also now provide vouchers for the new Marketing website for customers to purchase Fujitsu branded and Dual Branded items

Phone: **0208 731 3450**

Email: comfortclub@fgac.fujitsu-general.com

Website: <https://www.fujitsu-general.com/uk/comfortclub/>



COMFORTCLUB

Infinity Scheme

The Infinity Scheme is our Approved Contractor scheme, which is designed to benefit our customers by providing tangible rewards based on their engineering excellence and loyalty to us.

The schemes are designed with the installer and end-user in mind. Our extensive and industry recognised training programme gives you the confidence and expertise in the Fujitsu brand.

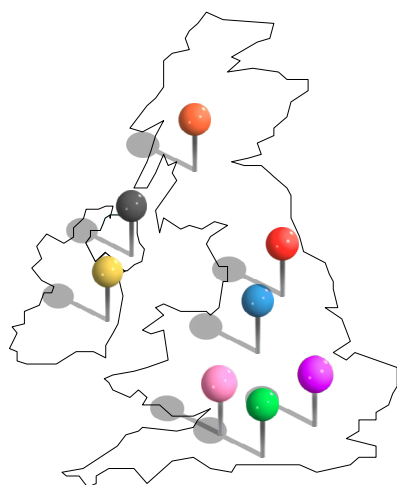
Once approved you will have some of the best benefits available, including:

- Extended Warranties
- Access to our library of information
- Nationwide Training Courses
- Marketing Incentive: 1% at £50,000 and 2% at £125,000 to spend in our Fujitsu shop.
- Access to the Fujitsu Store



MODEL CODES

Training



- **Glasgow**
- **Midlands**
- **Belfast**
- **London**
- **Dublin**
- **Eastleigh**
- **Leeds**
- **Bath**

At Fujitsu we believe the best approach to training is to be trained by experienced field engineers that have many years in both, industry and product knowledge. We also believe working on installed and operational systems to be the best way to learn. Our practical exercises allow the engineer to develop their installation and commissioning skills and diagnosing faults by working on operational systems.

Our nationwide training centres are continually being updated to include the latest technology found in the market today. All our training centres have systems that have been professionally installed and are fully operational.

Our Training Centres include the following equipment

Mini, Midi & Maxi VRF and Heat Recovery VRF
 DX Solutions
 Splits & Multi-Splits
 R32 Products
 Design & Service Software
 Central & BMS Controls
 Heat Recovery Ventilation

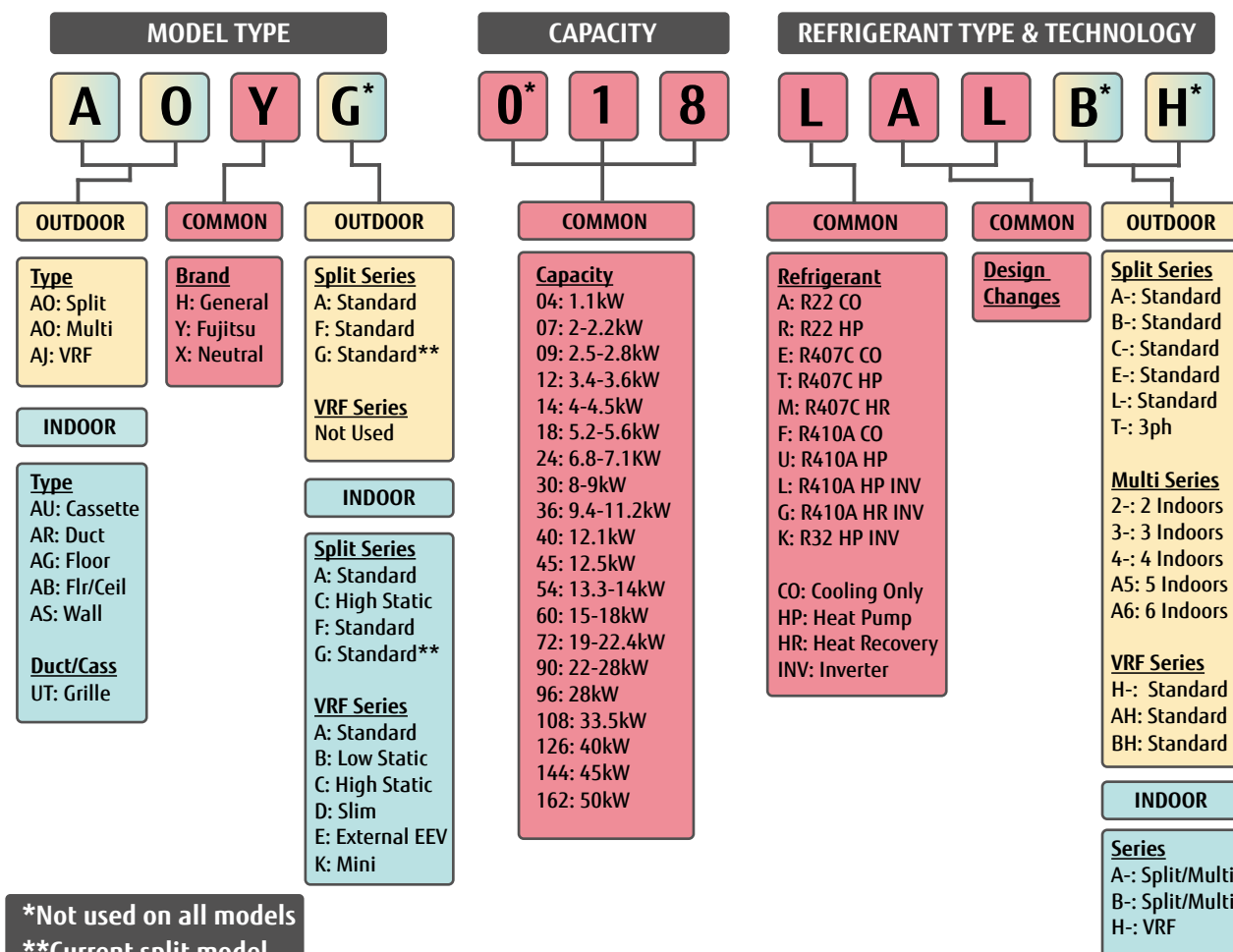
We have designed our courses and selected our training centres with the customer in mind, they are easy to access from either the motorway network or public transport, and are all completed in a single day, with an option to attend consecutive days to complete 2 or 3 courses in as many days. CIBSE accredited CPD training courses are also available.

Phone: **0208 731 3450**

Email: training@fgac.fujitsu-general.com

Website: <https://www.fujitsu-general.com/uk/support/training>

To help you understand Fujitsu model codes, below are details on Indoor and Outdoor units. The 2 or 3 number digits in the model code relates to BTU/hr (British Thermal Unit). For example an AUYG18LALB has a nominal cooling capacity of 18,000BTU/hr, being 5.2kW.



*Not used on all models
 **Current split model

Fujitsu Fault Codes

Error Detail	Indoor LED Display Flashes			Wired RC
	Operation	Timer	Economy	
Serial communication error	1	1	Continuous	11
Wired RC communication error	1	2	Continuous	12
Network communication error	1	4	Continuous	14
Check run unfinished	1	5	Continuous	15
Transmission/Peripheral connect error	1	6	Continuous	16
Refrigeration circuit address setting error	2	1	Continuous	21
Indoor unit capacity error	2	2	Continuous	22
Combination error	2	3	Continuous	23
Connection unit number error	2	4	Continuous	24
Address setting error	2	6	Continuous	26
Master/Slave unit set-up error	2	7	Continuous	27
Connection unit number error in WRC circuit	2	9	Continuous	29
Power supply interruption error	3	1	Continuous	31
Indoor PCB EPROM error	3	2	Continuous	32
Manual auto switch error	3	5	Continuous	35
Indoor unit WRC communication error	3	10	Continuous	3A
Inlet air temp sensor error	4	1	Continuous	41
Indoor Heat-Ex middle temp sensor error	4	2	Continuous	42
Indoor unit fan motor error	5	1	Continuous	51
Indoor EEV error	5	2	Continuous	52
Drain pump error	5	3	Continuous	53
Damper error	5	7	Continuous	57
Intake grille error	5	8	Continuous	58
Indoor unit error	5	15	Continuous	5U
Outdoor PCB/communication error	6	2	Continuous	62
Inverter error	6	3	Continuous	63
Active filter/PFC circuit error	6	4	Continuous	64
Trip terminal 'L' error	6	5	Continuous	65
Display PCB/communication error	6	10	Continuous	6A
OU Discharge temp sensor error	7	1	Continuous	71
Compressor temp sensor error	7	2	Continuous	72
OU Heat-Ex liquid temp sensor error	7	3	Continuous	73
OU Ambient temp sensor error	7	4	Continuous	74
OU Suction ref temp sensor error	7	5	Continuous	75
2/3 way valve temp sensor error	7	6	Continuous	76
OU Heat sink temp sensor error	7	7	Continuous	77
Sub-cool inlet/outlet temp sensor error	8	2	Continuous	82
OU Liquid pipe temp sensor error	8	3	Continuous	83
OU current sensor error	8	4	Continuous	84
HP/LP pressure sensor/switch error	8	6	Continuous	86
OU Current trip detection	9	4	Continuous	94
Compressor rotor location detection error	9	5	Continuous	95
OU fan motor error	9	7	Continuous	97
OU fan motor 2 error	9	8	Continuous	98
4-way valve error	9	9	Continuous	99
Coil (expansion valve) error	9	10	Continuous	9A
Outdoor unit error	9	15	Continuous	9U
OU Abnormal discharge temp error	10	1	Continuous	A1
Abnormal compressor temp error	10	3	Continuous	A3
High Pressure error	10	4	Continuous	A4
Low pressure error	10	5	Continuous	A5
VRF Branch box error	13	1	Continuous	J1
8-Way Multi branch box error	13	2	Continuous	J2
Accessories	PCB LED	PCB LED		WRC
VRF RB: Cable crossed OU/RB - IU/RB	on solid	on solid	-	-
VRF RB: Coms/Main PCB error	on solid	Continuous	-	-
WRC: Incompatible IU connected	-	-	-	C0:15
WRC: Indoor - WRC comms error	-	-	-	C0:12

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