

New R32 RAS Shorai Inverter Heat Pump update

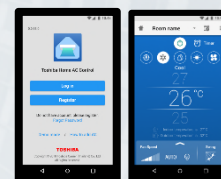
TOSHIBA are pleased to announce the release of the new residential Mid-Tier R32 inverter heat pump models 10~24. The product features redesigned indoor unit, higher efficiency up to A+++/A+++, new weekly timer remote controller and B-code indoor unit which is connectable to both 1:1 inverter heat pump and multi-split system inverter heat pump (IMS).



RB-N103S-G



Wireless Adapters



1. Features

- New appearance edge design with Matt surface
- Dustless heat-exchanger
- Remote controller with weekly timer: Power Select, Comfort Sleep, On-Off Timer, 8°C, Auto Swing Louvre, Hi Power, Eco, Fireplace, Self-Cleaning, Quiet FCU, Silence CDU, Manual Defrost, Self-Diagnosis, Heating Only, and HADA Care Flow.
- Smart control using optional Wi-Fi adapter and Home AC control App

2. Line-up

Indoor Model	Outdoor Model	Cooling kW	Heating kW
RAS-B10J2KVSG-E	RAS-10J2AVSG-E	2.5	3.2
RAS-B13J2KVSG-E	RAS-13J2AVSG-E	3.5	4.2
RAS-B16J2KVSG-E	RAS-16J2AVSG-E	4.6	5.5
RAS-18J2KVSG-E	RAS-18J2AVSG-E	5.0	6.0
RAS-B22J2KVSG-E	RAS-22J2AVSG-E	6.1	7.0
RAS-B24J2KVSG-E	RAS-24J2AVSG-E	7.0	8.0

3. Production

TCTC end of December 2019.



4. Availability

Q1 2020; when current stock is exhausted

5. Preliminary Specification

Model	Indoor unit	RAS-	B10J2KVSG-E	B13J2KVSG-E	B16J2KVSG-E	B18J2KVSG-E	B22J2KVSG-E	B24J2KVSG-E
	Outdoor unit	RAS-	10J2AVSG-E	13J2AVSG-E	16J2AVSG-E	18J2AVSG-E	22J2AVSG-E	24J2AVSG-E
Cooling capacity		(kW)	2.5	3.5	4.6	5.0	6.1	7.0
Heating capacity		(kW)	3.2	4.2	5.5	6.0	7.0	8.0
Power supply		(phase/V/Hz)	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Cooling	Power consumption	(kW)	0.54	0.90	1.35	1.42	1.99	2.25
	EER		4.68	3.89	3.41	3.52	3.07	3.11
	SEER		8.60	8.60	7.80	7.80	7.30	6.30
	Energy efficiency class		A+++	A+++	A++	A++	A++	A++
Heating	Power consumption	(kW)	0.75	1.08	1.52	1.60	1.94	2.41
	COP		3.72	3.89	3.72	3.72	3.72	3.72
	SCOP		5.10	5.10	4.60	4.60	4.40	4.10
	Energy efficiency class		A+++	A+++	A++	A++	A++	A+
Indoor unit								
Outer dimension	Main unit	Height (mm)	293	293	293	320	320	320
		Width (mm)	800	800	800	1053	1053	1053
		Depth (mm)	226	226	226	245	245	245
Total weight	Main unit	(kg)	10	10	10	14	14	14
Fan unit	Air Flow	H (m³/h)	660	732	768	990	1032	1122
		H (l/s)	183	203	213	275	287	312
Remote Controller			WH-TA15PE	WH-TA15PE	WH-TA15PE	WH-TA12PE	WH-TA12PE	WH-TA12PE
Sound pressure level	H/M/L	(dB)	40/22/19	43/23/19	44/25/21	44/31/26	45/34/27	47/35/28
Sound power level	H/M/L	(dB)	53/27/34	58/28/34	58/30/36	59/36/41	60/39/42	62/40/43
Outdoor unit								
Air Flow		(m³/h)	1668	1980	2040	2076	2184	2916
Outer dimension	Height	(mm)	550	550	550	550	550	630
	Width	(mm)	780	780	780	780	780	800
	Depth	(mm)	290	290	290	290	290	300
Total weight	Main unit	(kg)	26	30	33	34	34	42
Refrigerant Charge R32		(kg)	0.55	0.80	0.80	1.10	1.10	1.14
Pipe	Min. length	(m)	2	2	2	2	2	2
	Max. total length	(m)	20	20	20	20	20	25
Flare Connections	Gas side	(mm)	9.5	12.7	12.7	12.7	12.7	12.7
	Liquid side	(mm)	6.4	6.4	6.4	6.4	6.4	6.4
Sound pressure level	Cooling/Heating	(dB)	44/46	46/48	48/50	48/50	49/51	50/52
Sound power level	Cooling/Heating	(dB)	58/60	60/62	61/64	63/65	64/67	64/67
Operating Range	Cooling	(°C)	-15/46	-15/46	-15/46	-15/46	-15/46	-15/46
	Heating	(°C)	-15/24	-15/24	-15/24	-15/24	-15/24	-15/24

For further information please contact our customer support team on **0870 843 0333**, your local representative, your supplier of **TOSHIBA** products or email any enquiries to: - general.enquiries@toshiba-ac.com