

New R32 SHORAI Edge Black & White

TOSHIBA Are pleased to inform that the new "Residential R32 SHORAI Black & White inverter Heat Pump 7k - 24k BTU/h" has been added to the residential product range.

The new SHORAI Black & White has a new appearance black FCU, High efficiency SEER/SCOP A+++, new luxury remote control and upgraded WI-FI function to support energy monitoring. B-code indoor units are connectable both to single split outdoors and inverter Multi system (IMS) outdoor units.

1. Model Names

Item	Cooling Capacity (KW)	Heating Capacity (KW)	FCU		CDU	
			Model Name (FCU)	Remark	Model Name (CDU)	Remark
7K	2.0	2.5	RAS-B07J2KVSG-E	Discontinued	RAS-07J2AVSG-E	Discontinued
			RAS-B07G3KVSG-E	White FCU	RAS-07J2AVSG-E1	Successor
			RAS-B07G3KVSG-B-E	Black FCU		
10K	2.5	3.2	RAS-B10J2KVSG-E	Discontinued	RAS-10J2AVSG-E1	Common CDU SHORAI, HAORI and Console
			RAS-B10G3KVSG-E	White FCU		
			RAS-B10G3KVSG-B-E	Black FCU		
13K	3.5	4.2	RAS-B13J2KVSG-E	Discontinued	RAS-13J2AVSG-E1	Common CDU SHORAI, HAORI and Console
			RAS-B13G3KVSG-E	White FCU		
			RAS-B13G3KVSG-B-E	Black FCU		
16K	4.6	5.5	RAS-B16J2KVSG-E	Discontinued	RAS-16J2AVSG-E1	Common CDU SHORAI, HAORI
			RAS-B16G3KVSG-E	White FCU		
			RAS-B16G3KVSG-B-E	Black FCU		
18K	5.0	6.0	RAS-B18J2KVSG-E	Discontinued	RAS-18J2AVSG-E	Discontinued
			RAS-B18G3KVSG-E	White FCU	RAS-18J2AVSG-E1	Common CDU SHORAI and Console
			RAS-B18G3KVSG-B-E	Black FCU		
22K	6.1	7.0	RAS-B22J2KVSG-E	Discontinued	RAS-22J2AVSG-E	Discontinued
			RAS-B22G3KVSG-E	White FCU	RAS-22J2AVSG-E1	Successor
			RAS-B22G3KVSG-B-E	Black FCU		
24K	7.0	8.0	RAS-B24J2KVSG-E	Discontinued	RAS-24J2AVSG-E	Discontinued
			RAS-B24G3KVSG-E	White FCU	RAS-24J2AVSG-E1	Successor
			RAS-B24G3KVSG-B-E	Black FCU		



Standard RC
WH-UA06UE for white FCU

Standard RC
WH-UA04UE for Black FCU

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2. Production Date

Mass production November 2022 in TCTC

3. Features

	Comfort Sleep	Hi Power	Silent CDU	Power Select	Eco Logic	Fix Vertical	Swing Vertical	Fix Horizontal	Swing Horizontal	3D airflow (Swing V&H)	HADA care	Pre-set	Fan Speed	Quiet FCU	8°C	Fireplace	Off timer 0.5, 1-12hrs	24 Hrs. On - Off timer	Weekly timer	On demand defrost	FCU Led Dimming	Floor Warming	Backlight display	Luminous button	Wired Connectable RC
Standard RC	×	✓	✓	✓	✓	✓	✓	×	✓	✓	✓	×	✓	✓	✓	✓	✓	×	×	✓	✓	×	✓	×	×
Accessory RC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	✓	✓	✓	✓	×	✓	✓	✓
WIFI	×	✓	✓	✓	✓	✓	✓	×	✓	✓	×	×	✓	✓	✓	✓	✓	×	✓	×	×	×			

4. Applicable Market

Europe

5. Specifications

Specifications								
System	Size	07k	10k	13k	16k	18k	22k	24k
Indoor	RAS-B07G3KVSG-E	RAS-B10G3KVSG-E	RAS-B13G3KVSG-E	RAS-B16G3KVSG-E	RAS-B18G3KVSG-E	RAS-B22G3KVSG-E	RAS-B24G3KVSG-E	
	RAS-B07G3KVSG-B-E	RAS-B10G3KVSG-B-E	RAS-B13G3KVSG-B-E	RAS-B16G3KVSG-B-E	RAS-B18G3KVSG-B-E	RAS-B22G3KVSG-B-E	RAS-B24G3KVSG-B-E	
	RAS-07J2AVSG-E1	RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-16J2AVSG-E1	RAS-18J2AVSG-E1	RAS-22J2AVSG-E1	RAS-24J2AVSG-E1	
Power Supply - 220 - 240 / 1 / 50 (V/ph/Hz)								
Cooling	Capacity (Kw)	2.0	2.5	3.5	4.6	5.0	6.1	7.0
	Power Consumption (Kw)	0.39	0.54	0.90	1.35	1.42	1.99	2.25
	EER	5.13	4.63	3.89	3.41	3.52	3.07	3.11
	DesignC (Kw)	2.00	2.50	3.50	4.60	5.00	6.10	7.00
	SEER	8.50	8.60	8.60	7.80	7.30	7.30	6.30
	Indoor Noise (H/L/Q) (dB)	40/22/19	40/22/19	43/23/19	44/25/21	44/31/26	45/34/27	47/35/28
Heating	Outdoor Noise (dB)	44	44	46	48	48	48	50
	Indoor Airflow	11.0	11.0	12.2	12.5	16.5	17.2	18.7
	Capacity (Kw)	2.5	3.2	4.2	5.5	6.0	7.0	8.0
	Power Consumption (Kw)	0.5	0.7	1.08	1.52	1.59	1.88	2.35
	COP	5.00	4.57	3.89	3.62	3.77	3.72	3.40
	DesignC (Kw)	2.30	2.50	3.20	4.00	4.30	4.70	6.30
FCU	SCOP	5.10	5.10	5.10	4.60	4.60	4.60	4.10
	Indoor Noise (H/L/Q) (dB)	40/22/19	40/22/19	43/23/19	44/26/22	44/31/26	46/34/27	48/35/28
	Outdoor Noise (dB)	46	46	48	50	50	51	53
	Indoor Airflow	11.0	11.0	12.2	12.8	16.5	17.2	19.0
	Dimensions (mm)	293x800x226				320x1053x245		
	Net Weight (Kg)	10	10	10	10	14	14	14
CDU	Dimensions (mm)	560X780X290						630X800X300
	Net Weight (Kg)	26	26	30	33	34	34	42
Pipe	Chargeless (m)	15	15	15	15	15	15	15
	Max Length (m)	20	20	20	20	20	20	25
	Max Height (m)	12	12	12	12	12	12	15
	Refrigerant	R32						
	Refrigerant Amount (Kg)	0.55	0.55	0.8	0.8	1.1	1.1	1.14
Energy Label	Cooling/Heating	A+++ / A+++	A+++ / A+++	A+++ / A+++	A++ / A++	A++ / A++	A++ / A++	A++ / A++
Useable Temperature Range	Cooling (°C)	Indoor: 21 - 32°C, Outdoor: (-15) - 46°C						
	Heating (°C)	Indoor: 0 - 28°C, Outdoor: (-15) - 24°C						