

Bi-flow air delivery system



This feature enables users to select the favorable air flow outlet between the two available positioned at the top and bottom front of the unit. The warm air distributed from the bottom front is a Toshiba original feature.



Innovative and compact unit to be installed on the floor and in low wall applications, fit perfectly under the window sills or in a low ceiling attic.

Compact and modern design in all three dimensions (60x70x22 cm).

Toshiba IAQ filter filtration system, includes extremely powerful anti virus, anti bacteria and the deodorizing effects.

Child lock function on the unit display panel.

Brightness level control of the display unit to reduce the led light glow.

Automatic restart function in case of unexpected electricity supply line power cuts.

UFV

UFV

INVERTER CONSOLE



INDOOR UNITS

- RAS-B10UFV-E
- RAS-B13UFV-E
- RAS-B18UFV-E



OUTDOOR UNITS

- RAS-10N3AV2-E
- RAS-13N3AV2-E
- RAS-18N3AV2-E
- RAS-M14GAV-E
- RAS-M18UAV-E
- RAS-3M18SAV-E
- RAS-4M23SAV-E
- RAS-3M26UAV-E
- RAS-4M27UAV-E
- RAS-5M34UAV-E1



REMOTE CONTROLS

- WIRELESS

B_UFV + N3AV2-E		Performance data			
Outdoor unit		RAS-10N3AV2-E	RAS-13N3AV2-E	RAS-18N3AV2-E	
Indoor unit		RAS-B10UFV-E	RAS-B13UFV-E	RAS-B18UFV-E	
Cooling capacity	kW	2,5	3,5	5,0	
Cooling range (min. - max.)	kW	1,1 - 3,1	1,1 - 4,1	1,0 - 5,7	
Power input (min. - rated - max.)	kW C	0,23 - 0,59 - 0,82	0,23 - 0,97 - 1,35	0,20 - 1,66 - 1,95	
EER	W/W	4,20	3,61	3,01	
SEER (Average)		6,6	6,2	5,7	
Energy efficiency class (Average)	C	A++	A++	A+	
Annual energy consumption	kWh	298	485	830	
Heating capacity	kW	3,2	4,2	5,8	
Heating range (min. - max.)	kW	1,0 - 4,8	1,0 - 5,4	1,1 - 6,3	
Power input (min. - rated - max.)	kW H	0,18 - 0,75 - 1,40	0,18 - 1,125 - 1,70	0,20 - 1,805 - 2,20	
SCOP (South Europe)		4,6	4,4	4,3	
Energy efficiency class (South Europe)		A++	A+	A+	
COP	W/W	4,27	3,73	3,21	
SCOP (Average)		4,0	3,9	3,8	
Energy efficiency class (Average)	H	A+	A	A	

B_UFV		Physical data Indoor unit			
Indoor unit		RAS-B10UFV-E	RAS-B13UFV-E	RAS-B18UFV-E	
Air Flow (h)	m ³ /h - l/s C	468 - 130	510 - 142	600 - 167	
Sound pressure level (h/l)	dB(A) C	39/26	40/27	46/34	
Sound power level (h/l)	dB(A) C	54	55	60	
Air Flow (h)	m ³ /h - l/s H	510 - 142	552 - 153	642 - 178	
Sound pressure level (h/l)	dB(A) H	39/26	40/27	46/34	
Sound power level (h/l)	dB(A) H	54	55	61	
Dimensions (HxWxD)	mm	600x700x220	600x700x220	600x700x220	
Weight	kg	16	16	16	

N3AV2-E		Physical data Outdoor unit			
Outdoor unit		RAS-10N3AV2-E	RAS-13N3AV2-E	RAS-18N3AV2-E	
Air Flow (h)	m ³ /h - l/s C	1800 - 500	2250 - 625	2178 - 605	
Sound pressure level (h)	dB(A) C	46	48	49	
Sound power level (h)	dB(A) C	59	61	64	
Operating range	°C C	-10~46	-10~46	-10~46	
Air Flow (h)	m ³ /h - l/s H	1800 - 500	2250 - 625	1914 - 532	
Sound pressure level (h)	dB(A) H	47	50	50	
Sound power level (h)	dB(A) H	60	63	64	
Operating range	°C H	-15~24	-15~24	-15~24	
Dimensions (HxWxD)	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	
Weight	kg	33	33	39	
Compressor type		DC Rotary	DC Rotary	DC Twin Rotary	
Flare connections (gas-liquid)		3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	
Minimum pipe length	m	2	2	2	
Maximum pipe length	m	20	20	20	
Maximum height difference	m	10	10	10	
Chargeless pipe length	m	15	15	15	
Power supply	V-ph-Hz	220-240/1/50, 220-230/1/60	220-240/1/50, 220-230/1/60	220-240/1/50, 220-230/1/60	

C = cooling mode
H = heating mode