



IAQ filter



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



This elegant unit combines an improved energy efficiency with indoor air quality in single and/or multi split applications.

One touch my comfort button. Memorize the desired operation parameters.

Self cleaning function to remove moist from the internal components of the unit.

Toshiba DC hybrid inverter technology controls and adjust the capacity supplied by the air conditioner.

Modern stylish and compact design.

NEW SUZUMI+

INVERTER HIGH - WALL

N 3 K V 2



INDOOR UNITS

- RAS-B10N3KV2-E
- RAS-B13N3KV2-E
- RAS-B16N3KV2-E
- RAS-18N3KV2-E
- RAS-B22N3KV3-E



OUTDOOR UNITS

- RAS-10N3AV2-E
- RAS-13N3AV2-E
- RAS-16N3AV2-E
- RAS-18N3AV2-E
- RAS-22N3AV2-E



REMOTE CONTROLS

WIRELESS

<b>N3KV2+N3AV2</b>		<b>Performance data</b>				
<b>Outdoor unit</b>		RAS-10N3AV2-E	RAS-13N3AV2-E	RAS-16N3AV2-E	RAS-18N3AV2-E	RAS-22N3AV2-E
<b>Indoor unit</b>		RAS-B10N3KV2-E	RAS-B13N3KV2-E	RAS-B16N3KV2-E	RAS-18N3KV2-E	RAS-B22N3KV2-E
Cooling capacity	kW	2,5	3,5	4,5	5,0	6,0
Cooling range (min. - max.)	kW	1,1 - 3,0	0,8 - 4,1	0,8 - 5,0	1,1 - 6,0	1,2 - 6,7
Power input (min. - rated - max.)	kW C	0,25 - 0,598 - 0,82	0,15 - 1,00 - 1,25	0,15 - 1,395 - 1,72	0,18 - 1,42 - 2,00	0,20 - 1,995 - 2,65
EER	W/W	4,18	3,50	3,23	3,52	3,01
SEER (Average)		6,7	6,2	6,1	7,0	6,5
Energy efficiency class (Average)	C	A++	A++	A++	A++	A++
Annual energy consumption	kWh	299	500	698	710	998
Heating capacity	kW	3,2	4,2	5,5	5,8	7,0
Heating range (min. - max.)	kW	0,9 - 4,8	0,9 - 5,6	0,9 - 6,9	0,8 - 6,3	1,0 - 7,5
Power input (min. - rated - max.)	kW H	0,17 - 0,75 - 1,40	0,15 - 1,08 - 1,58	0,15 - 1,52 - 1,98	0,14 - 1,56 - 1,70	0,18 - 2,05 - 2,21
SCOP (South Europe)		4,6	4,4	4,1	4,7	4,6
Energy efficiency class (South Europe)		A++	A+	A+	A++	A++
COP	W/W	4,27	3,89	3,62	3,72	3,41
SCOP (Average)		4,0	3,9	3,9	4,1	4,0
Energy efficiency class (Average)	H	A+	A	A	A+	A+

<b>N3KV2</b>		<b>Physical data Indoor unit</b>				
<b>Indoor unit</b>		RAS-B10N3KV2-E	RAS-B13N3KV2-E	RAS-B16N3KV2-E	RAS-18N3KV2-E	RAS-B22N3KV2-E
Air Flow (h)	m <sup>3</sup> /h - l/s C	516 - 143	570 - 158	684 - 190	954 - 265	1080 - 300
Sound pressure level (h/l)	dB(A) C	38/26	39/26	45/30	44/32	47/35
Sound power level (h/l)	dB(A) C	53	54	60	59	60
Air Flow (h)	m <sup>3</sup> /h - l/s H	570 - 158	624 - 173	738 - 205	990 - 275	1098/305
Sound pressure level (h/l)	dB(A) H	39/28	40/28	45/31	44/32	47/35
Sound power level (h/l)	dB(A) H	54	55	60	59	60
Dimensions (HxWxD)	mm	275x790x225	275x790x225	275x790x225	320x1050x243	320x1050x243
Weight	kg	10	10	10	13	13

<b>N3AV2</b>		<b>Physical data Outdoor unit</b>				
<b>Outdoor unit</b>		RAS-10N3AV2-E	RAS-13N3AV2-E	RAS-16N3AV2-E	RAS-18N3AV2-E	RAS-22N3AV2-E
Air Flow (h)	m <sup>3</sup> /h - l/s C	1800 - 500	2250 - 625	2160 - 600	2178 - 605	2316 - 643
Sound pressure level (h)	dB(A) C	46	48	49	49	53
Sound power level (h)	dB(A) C	61	63	64	64	65
Operating range	°C C	-10~46	-10~46	-10~46	-10~46	-10~46
Air Flow (h)	m <sup>3</sup> /h - l/s H	1800 - 500	2250 - 625	1920 - 533	1914 - 532	2232 - 620
Sound pressure level (h)	dB(A) H	47	50	50	50	52
Sound power level (h)	dB(A) H	62	65	65	65	65
Operating range	°C H	-15~24	-15~24	-15~24	-15~24	-15~24
Dimensions (HxWxD)	mm	550x780x290	550x780x290	550x780x290	550x780x290	550x780x290
Weight	kg	33	33	38	39	41
Compressor type		DC Rotary	DC Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections (gas-liquid)		3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"
Minimum pipe length	m	2	2	2	2	2
Maximum pipe length	m	20	20	20	20	20
Maximum height difference	m	10	10	10	10	10
Chargeless pipe length	m	15	15	15	15	15
Power supply	V-ph-Hz	220/240-1-50, 220-1-60	220/240-1-50, 220-1-60	220/240-1-50, 220-1-60	220/240-1-50, 220-1-60	220/240-1-50, 220-1-60

C = cooling mode  
H = heating mode