

INVERTER HIGH-WALL

N3KV2



Toshiba IAQ filtration system

The new and improved Suzumi Plus in new design is a successful combination of optimized energy efficiency and effective air cleaning methods.

DC Hybrid Inverter technology with rotary compressor.

New smooth and elegant design.

Self-Cleaning function removes the moisture, while low density ozone decontaminates the indoor unit.

The one – touch function offers the combination of features that is perfect for you by pressing only one button.

The comfort sleep function maintains the most comfortable temperature while you sleep.

You can reach immediately the desired temperature by using the Hi POWER function.

The ECO function achieves energy-savings of up to 25% compared with standard settings without sacrificing comfort.

Toshiba IAQ filters for improving the indoor air quality.

Weekly timer with 4 freely programmable settings per day and 7 different programs per week (optional).

The provide remote control is a wireless type which also can be used as a wired.



INDOOR UNITS



OUTDOOR UNITS



REMOTE CONTROLS

- RAS-B10N3KV2-E1
- RAS-B13N3KV2-E1
- RAS-B16N3KV2-E1
- RAS-18N3KV2-E1
- RAS-B22N3KV3-E1

- RAS-10N3AV2-E1
- RAS-13N3AV2-E1
- RAS-16N3AV2-E
- RAS-18N3AV2-E
- RAS-22N3AV2-E
- RAS-M14GAV-E
- RAS-M18UAV-E
- RAS-3M26S3AV-E
- RAS-4M27S3AV-E
- RAS-5M34S3AV-E

WIRELESS

N3KV2+N3AV2

Performance data

Outdoor unit			RAS-10N3AV2-E1	RAS-13N3AV2-E1	RAS-16N3AV2-E	RAS-18N3AV2-E	RAS-22N3AV2-E
Indoor unit			RAS-B10N3KV2-E1	RAS-B13N3KV2-E1	RAS-B16N3KV2-E1	RAS-18N3KV2-E1	RAS-B22N3KV2-E1
Cooling capacity	kW		2,5	3,5	4,5	5,0	6,0
Cooling range (min. - max.)	kW		1,1 - 3,1	1,1 - 4,05	0,8 - 5,0	1,1 - 6,0	1,2 - 6,7
Power input (min. - rated - max.)	kW	C	0,25 - 0,598 - 0,91	0,26 - 1,05 - 1,55	0,15 - 1,395 - 1,72	0,18 - 1,42 - 2,00	0,20 - 1,995 - 2,65
EER	W/W		4,18	3,33	3,23	3,52	3,01
SEER			6,7	6,5	6,1	7,0	6,5
Energy efficiency class		C	A++	A++	A++	A++	A++
Seasonal electricity consumption	kWh/a	C	131	189	258	250	323
Annual energy consumption	kWh		299	525	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	1,0 - 5,3	0,9 - 6,9	0,8 - 6,3	1,0 - 7,5
Power input (min. - rated - max.)	kW	H	0,19 - 0,75 - 1,40	0,19 - 1,08 - 1,64	0,15 - 1,52 - 1,98	0,14 - 1,56 - 1,70	0,18 - 2,05 - 2,21
COP	W/W		4,27	3,89	3,62	3,72	3,41
SCOP (Average)			4,3	4,0	3,9	4,1	4,0
Energy efficiency class (Average)		H	A+	A+	A	A+	A+
Seasonal electricity consumption	kWh/a	H	944	1119	1362	1400	1645

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Physical data Indoor unit

Indoor unit			RAS-B10N3KV2-E1	RAS-B13N3KV2-E1	RAS-B16N3KV2-E1	RAS-18N3KV2-E1	RAS-B22N3KV2-E1
Air Flow (max)	m ³ /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)	dB(A)	C	53	54	60	59	60
Air Flow (max)	m ³ /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)	dB(A)	H	54	55	60	59	60
Dimensions (HxWxD)	mm		275 x 790 x 217	275 x 790 x 217	275 x 790 x 217	320 x 1050 x 229	320 x 1050 x 229
Weight	kg		10	10	10	13	13

N3AV2

Physical data Outdoor unit

Outdoor unit			RAS-10N3AV2-E1	RAS-13N3AV2-E1	RAS-16N3AV2-E	RAS-18N3AV2-E	RAS-22N3AV2-E
Air Flow (max)	m ³ /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 (max)	m ³ /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		550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Weight	kg		33	34	38	39	41
Compressor type			DC Rotary	DC Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections (gas-liquid)	inch		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, 220/230-1-60	220/240-1-50, 220/230-1-60	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

h/l = high / low speed