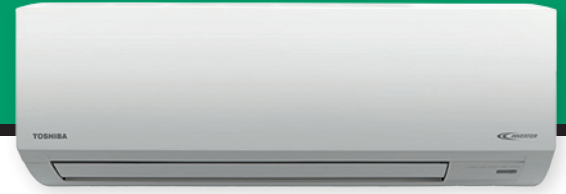




RAS-B-N3KV2-E1

**SUZUMI+**

This elegant unit combines an improved energy efficiency with indoor air quality, compatible with Monosplit & Multisplit condensing units (B-code).

### Energy Class A++ / A+

High energy efficiency class.  
Very low energy consumption in all conditions.  
Impressive operating range of -10°C up to 46°C in cooling mode and -15°C to 24°C in heating mode.

### Silent operation

Less than 26dB(A) in silent mode.

### Toshiba Indoor Air Quality filtration system

Toshiba IAQ's technology is able to seriously inhibit the reproductive ability of harmful elements. Its deodorizing power absorbs and decomposes, smoke, food smells and bad odors.

Toshiba's new self-cleaning function is designed to reduce the humidity that causes mould to form inside an air-conditioning unit. This advanced, efficient system reduces moisture in the coils for healthier air to breathe.

### User friendly wireless remote control and optional weekly timer

User Comfort parameter pre-set.  
2D air flow control with horizontal motorized louvers; pre-set directions or automatic sweeping.  
Timer with programmable settings.  
Capacity booster to reach comfort set point very fast.  
ECO Logic button to reduce energy consumption by -25%.  
Comfort Sleep for extra silence mode.  
Timer function.

MAX EFFICIENCY



SEER 7.00  
SCOP 4.30

CAPACITY



2.5kW > 6.0kW

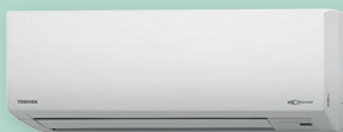
OPERATION



-15°C > +46°C

- > 100% Toshiba quality with DC Twin Rotary inverter compressor on large chassis
- > Wifi control compatible
- > Toshiba Indoor Air Quality filters

**R410A**  
with TOSHIBA



INDOOR UNITS

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



OUTDOOR UNITS

RAS-10N3AV2-E1 RAS-18N3AV2-E  
RAS-13N3AV2-E1 RAS-22N3AV2-E  
RAS-16N3AV2-E



REMOTE CONTROLS

Delivered with the unit - can be wired



OPTIONAL RC

RB-RXS30-E  
Optional weekly timer  
Remote control

**SUZUMI+** 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
<b>Cooling capacity</b>	<b>kW</b>		<b>2.5</b>	<b>3.5</b>	<b>4.5</b>	<b>5.0</b>	<b>6.0</b>
Cooling range (min. - max.)	kW		1.1 - 3.0	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
P <sub>designc</sub>	kW		2.5	3.5	4.5	5.0	6.0
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	137	189	258	250	323
Annual energy consumption	kWh		299	525	698	710	998
<b>Heating capacity</b>	<b>kW</b>		<b>3.2</b>	<b>4.2</b>	<b>5.5</b>	<b>5.8</b>	<b>7.0</b>
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
P <sub>designh</sub>	kW		2.9	3.2	3.8	4.1	4.7
COP	W/W		4.27	3.89	3.62	3.72	3.41
SCOP			4.3	4.0	3.9	4.1	4.0
Energy efficiency class		H	A+	A+	A	A+	A+
Seasonal electricity consumption	kWh/a	H	944	1119	1362	1400	1645

**SUZUMI+** Physical data indoor

Indoor unit			RAS-B10N3KV2-E1	RAS-B13N3KV2-E1	RAS-B16N3KV2-E1	RAS-18N3KV2-E1	RAS-B22N3KV2-E1
Air flow (h)	m <sup>3</sup> /h - l/s	C	516 - 143	570 - 158	684 - 190	954 - 265	1080 - 300
Air flow (l)	m <sup>3</sup> /h - l/s	C	300 - 83	294 - 82	372 - 103	588 - 163	660 - 183
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 (h)	m <sup>3</sup> /h - l/s	H	570 - 158	624 - 173	738 - 205	990-275	1098-305
Air flow (l)	m <sup>3</sup> /h - l/s	H	360 - 100	360 - 100	420 - 117	636 - 177	714 - 198
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 (h x w x d)	mm		275x790x217	275x790x217	275x790x217	320x1050x229	320x1050x229
Weight	kg		10	10	10	13	13

**SUZUMI+** Physical data outdoor

Outdoor unit			RAS-10N3AV2-E1	RAS-13N3AV2-E1	RAS-16N3AV2-E	RAS-18N3AV2-E	RAS-22N3AV2-E
Air flow	m <sup>3</sup> /h - l/s	C	1800 - 500	2250 - 625	2160 - 600	2178 - 605	2316 - 643
Sound pressure level	dB(A)	C	46	48	49	49	53
Sound power level	dB(A)	C	61	63	64	64	65
Operating range	°C	C	-10-46	-10-46	-10-46	-10-46	-10-46
Air flow	m <sup>3</sup> /h - l/s	H	1800 - 500	2250 - 625	1920 - 533	1914 - 532	2232 - 620
Sound pressure level	dB(A)	H	47	50	50	50	52
Sound power level	dB(A)	H	62	65	65	65	65
Operating range	°C	H	-15-24	-15-24	-15-24	-15-24	-15-24
Dimensions (h x w x d)	mm		550x780x290	550x780x290	550x780x290	550x780x290	550x780x290
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)			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
Refrigerant charge (R410A)	kg		0.8	0.8	1.1	1.4	1.4
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