

Double Power

This innovative, compact unit is specially designed for floor installation and very low wall-mounted applications, ideal for installation under windows or in spaces with very low ceilings. With a bi-flow air diffuser, the user can choose their preferred air flow outlet at the top or bottom of the unit. In addition, the unique floor heating feature allows the unit to deliver strong air-conditioned air flow to the floor level.

MAX EFFICIENCY



SEER 7,2
SCOP 6,5

CAPACITY



2,5kW - 5kW

ENERGY CLASS



A++ / A+++

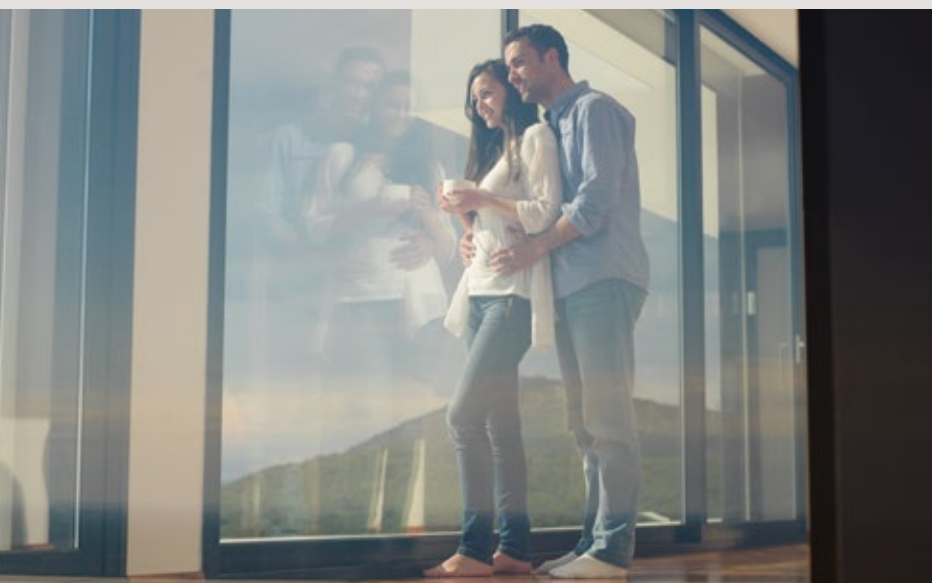
FLOOR HEATING



OPERATION RANGE



-15°C to +46°C



REMOTE CONTROL
delivered with the unit

User friendly wireless remote control with innovative commands:

- ▶ **Weekly timer**
- ▶ **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
- ▶ **"8°C" heating** protects your home and contents from freezing temperatures while you are away, making it the perfect choice in winter
- ▶ **On Demand Defrost** for manual defrost at any time in extreme conditions
- ▶ **Silent CDU** is Toshiba's unique noise reduction function of outdoor unit for neighborhood comfort



▶ **HIGH ENERGY CLASS A++** in cooling and **A+++** in heating mode in the warmer zone

▶ **LOW ENERGY CONSUMPTION** in all operation types

▶ **IDEAL FOR FLOOR INSTALLATION** under windows or in spaces with very low ceilings (i.e. attic)

▶ **CHILD LOCK**

▶ **SILENT CDU** is Toshiba's unique noise reduction function of outdoor unit for neighborhood comfort

▶ **UNIQUE FLOOR HEATING FUNCTION** that allows the unit to deliver a powerful flow at floor level for a uniform and comfortable room heating

▶ **TOSHIBA'S UNIQUE FIREPLACE MODE** provides optimum heat diffusion from your fireplace or other heat sources, by keeping the indoor unit fan blowing continuously at low speed, even while the compressor is switched off

Performance data

Outdoor unit Indoor unit		RAS-10J2AVSG-E RAS-B10J2FVG-E	RAS-13J2AVSG-E RAS-B13J2FVG-E	RAS-18J2AVSG-E RAS-B18J2FVG-E
Cooling capacity	kW	2,5	3,5	5,0
Cooling capacity	BTU/h	8.535	11.949	17.070
Cooling range (min. - max.)	kW	0,95 - 3,2	1,05 - 4,1	1,2 - 5,6
Cooling range (min. - max.)	BTU/h	3.243 - 10.924	3.584 - 13.997	4.096 - 19.118
Power input (min. -rated - max.)	kW C	0,21 - 0,59 - 0,90	0,27 - 0,87 - 1,20	0,34 - 1,68 - 2,00
EER	W/W	4,24	4,02	2,98
SEER		7,2	7,0	6,8
Energy efficiency class	C	A++	A++	A++
Seasonal electricity consumption	kWh/a C	TBD	TBD	TBD
Heating capacity	kW	3,2	4,2	6,0
Heating capacity	BTU/h	10.924	15.363	20.484
Heating range (min. - max.)	kW	0,85 - 4,40	1,0 - 5,0	1,3 - 6,3
Heating range (min. - max.)	BTU/h	2.901 - 15.021	3.414 - 17.070	4.438 - 21.508
Power input (min. -rated - max.)	kW H	0,18 - 0,82 - 1,25	0,22 - 1,27 - 1,55	0,31 - 2,05 - 2,20
COP	W/W	3,90	3,31	2,93
SCOP (Average)		4,7	4,7	4,6
Energy efficiency class (Average)	H	A++	A++	A++
SCOP (Warmer)		6,20	6,50	6,30
Energy efficiency class (Warmer)	H	A+++	A+++	A+++
Seasonal electricity consumption	kWh/a H	TBD	TBD	TBD

Physical data indoor

Indoor unit		RAS-B10J2FVG-E	RAS-B13J2FVG-E	RAS-B18J2FVG-E
Air Flow (h)	m³/h - l/s C	492 - 136	528 - 146	600 - 166
Air Flow (l)	m³/h - l/s C	258 - 71	270 - 75	366 - 101
Sound pressure level (h/q)	dB(A) C	39/23	40/24	46/31
Sound power level (h)	dB(A) C	52	53	59
Air Flow (h)	m³/h - l/s H	492 - 136	552 - 153	660 - 183
Air Flow (l)	m³/h - l/s H	258 - 71	288 - 80	366 - 101
Sound pressure level (h/q)	dB(A) H	39/23	40/24	47/31
Sound power level (h)	dB(A) H	52	53	60
Dimensions (HxWxD)	mm	600x700x220	600x700x220	600x700x220
Weight	kg	16	16	16

Physical data outdoor

Outdoor unit		RAS-10J2AVSG-E	RAS-13J2AVSG-E	RAS-18J2AVSG-E
Air Flow (max)	m³/h - l/s C	1.890 - 524	1.950 - 540	2.076 - 576
Sound pressure level (h)	dB(A) C	45	47	49
Sound power level (h)	dB(A) C	58	60	62
Operating range	°C C	-15~46	-15~46	-15~46
Air Flow (max)	m³/h - l/s H	1.890 - 524	1.950 - 540	2.076 - 576
Sound pressure level (h)	dB(A) H	47	49	51
Sound power level (h)	dB(A) H	60	62	64
Operating range	°C H	-15~24	-15~24	-15~24
Dimensions (HxWxD)	mm	550x780x290	550x780x290	550x780x290
Weight	kg	26	30	34
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	12	12	12
Chargeless pipe length	m	15	15	15
Refrigerant charging (R32)	kg	0,55	0,8	1,1
Power supply	V-ph-Hz	230-1-50	230-1-50	230-1-50

C = cooling mode

H = heating mode

Bi-FLOW



Features	RAS-10J2AVSG-E RAS-B10J2FVG-E	RAS-13J2AVSG-E RAS-B13J2FVG-E	RAS-18J2AVSG-E RAS-B18J2FVG-E
Compressor Twin Rotary DC INVERTER	✘	✘	✓
Toshiba IAQ Filter	✓	✓	✓
Anti Mold Filter	✓	✓	✓
Magic Coil	✓	✓	✓
Self-Cleaning Mode	✓	✓	✓
Fire Place	✓	✓	✓
Fix & Swing Mode	✓	✓	✓
Power Select Mode	✓	✓	✓
8°C Heating Mode	✓	✓	✓
On Demand Defrost Mode	✓	✓	✓
Comfort Sleep Mode	✓	✓	✓
Quiet Mode	✓	✓	✓
High Power Mode	✓	✓	✓
Weekly timer (4 different programs per day - 7 days per week)	✓	✓	✓
ECO Mode	✓	✓	✓
Designed in/ Manufactured in	JAPAN / THAILAND		