

Appliance - Split type air conditioner

Outdoor unit	Inverter Multi 2room	RAS-2M18U2AVG-E
Indoor unit	Hi Wall	RAS-B10N4KVRG-E
Indoor unit	Hi Wall	RAS-B10N4KVRG-E

Function

Cooling	Y
Heating - Average	Y
Heating - Warmer	N
Heating - Colder	N
Capacity control	Variable

Design load

Cooling	Pdesignc	5,20	kW
Heating/Average	Pdesignh	3,20	kW

Seasonal efficiency

Cooling	SEER	6,62	A++
Heating/Average	SCOP(A)	4,31	A+

Cooling

Capacity

Declared capacity for cooling at indoor temperature 27(19)°C and outdoor temperature Tj.

Efficiency

Declared Energy efficiency ratio for cooling at indoor temperature 27(19)°C and outdoor temperature Tj.

Tj=35°C	Pdc	5,20	kW	Tj=35°C	EERd	3,42	
Tj=30°C	Pdc	3,83	kW	Tj=30°C	EERd	5,64	
Tj=25°C	Pdc	2,74	kW	Tj=25°C	EERd	9,30	
Tj=20°C	Pdc	2,90	kW	Tj=20°C	EERd	12,07	
					Degradation co-efficient cooling	Cdc	0,25

Heating (Average climate)

Capacity

Declared capacity for Heating/Average season, at indoor temperature 20°C and outdoor temperature Tj.

Efficiency

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj.

Tj=-7°C	Pdh	2,83	kW	Tj=-7°C	COPd	3,25
Tj=2°C	Pdh	1,72	kW	Tj=2°C	COPd	4,40
Tj=7°C	Pdh	2,00	kW	Tj=7°C	COPd	5,53
Tj=12°C	Pdh	2,32	kW	Tj=12°C	COPd	7,00
Tj=bivalent temperature	Pdh	2,83	kW	Tj=bivalent temperature	COPd	3,25
Tj=operation limit	Pdh	1,18	kW	Tj=operation limit	COPd	1,62
Bivalent temperature		-7	°C			
Operation limit temperature		-20	°C	Degradation co-efficient heating	Cdh	0,25

Electricity

Electric power input in power modes other than "on mode"

Seasonal electricity consumption

Off mode	Poff	0,01 kW	Cooling	QCE	275 kWh/a
Standby mode	Psb	0,01 kW	Heating/Average	QHE/A	1039 kWh/a
Thermostat-off mode	Pto	0,04 kW	Heating/Warmer	QHE/B	— kWh/a
Crankcase heater mode	Pck	0,00 kW	Heating/Colder	QHE/C	— kWh/a

Refrigerant

Type	R32				
Weight					1,02 kg
Global Warming Potential	GWP				675 kgCO ₂ eq.

Sound power level - db(A)

Rated air flow - m³/h

	Cooling	Heating		Cooling	Heating
RAS-2M18U2AVG-E	60	63	RAS-2M18U2AVG-E	2107	2038
RAS-B10N4KVRG-E	54	54	RAS-B10N4KVRG-E	600	610
RAS-B10N4KVRG-E	54	54	RAS-B10N4KVRG-E	600	610

Dimensions

	Height	Width	Depth	Weight
RAS-2M18U2AVG-E	630 mm	800 mm	300 mm	45 kg
RAS-B10N4KVRG-E	300 mm	987 mm	210 mm	11 kg
RAS-B10N4KVRG-E	300 mm	987 mm	210 mm	11 kg

Harmonised standard	EN14511:2007, EN12102
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Calculation methods - Measurement standards	PrEN 14825: 2011 chapter 8 and 9
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Contact details for obtaining more information	Importer/Distributor in EU: Toshiba Carrier UK Ltd. Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB. United Kingdom
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