

## Appliance - Split type air conditioner

Directive 2009/125/EC

Supplier	Toshiba Carrier Corporation		
Outdoor unit	RAS-13J2AVSG-E1		
Indoor unit	RAS-B13J2FVG-E		

## Refrigerant

Type			R32
Global Warming Potential	GWP	kgCO <sub>2</sub> eq	675

Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO<sub>2</sub>, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional

## Sound power level

		Cooling	Heating
Outdoor unit	dB	59	61
Indoor unit	dB	53	53

## Cooling

Energy efficiency class			A++
Design load	P <sub>designc</sub>	kW	3.5
Seasonal efficiency	SEER		7.02
Seasonal electricity consumption (*)	Q <sub>ce</sub>	kWh/annum	174

## Heating

		Average climate	Colder climate	Warmer climate
Energy efficiency class			A++	A+++
Design load	P <sub>designh</sub>	kW	3.0	1.6
Seasonal efficiency	SCOP		4.70	6.50
Seasonal electricity consumption (*)	Q <sub>he</sub>	kWh/annum	893	349
Back up heating capacity		kW	0.550	0.000

Declared capacity for heating, at indoor temperature 20°C and outdoor temperature T<sub>j</sub>.

T <sub>j</sub> = -7 °C	P <sub>dh</sub>	kW	2.65	-	-
T <sub>j</sub> = +2 °C	P <sub>dh</sub>	kW	1.62	-	1.62
T <sub>j</sub> = +7 °C	P <sub>dh</sub>	kW	1.04	-	1.04
T <sub>j</sub> = +12 °C	P <sub>dh</sub>	kW	0.99	-	0.99
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	kW	2.65	-	1.62
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	kW	2.10	-	2.10

(\*) Based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located

## Contact details

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