

Appliance - Split type air conditioner

Directive 2009/125/EC

Supplier	Toshiba Carrier Corporation		
Outdoor unit	RAS-10B2AVG-E2		
Indoor unit	RAS-B10B2KV2G-E		

Refrigerant

Type			R32
Global Warming Potential	GWP	kgCO ₂ 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 CO₂, 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	62	64
Indoor unit	dB	55	54

Cooling

Energy efficiency class			A++
Design load	P _{designc}	kW	2.5
Seasonal efficiency	SEER		6.10
Seasonal electricity consumption (*)	Q _{ce}	kWh/annum	143

Heating

		Average climate	Colder climate	Warmer climate
Energy efficiency class			A+	A++
Design load	P _{designh}	kW	2.1	1.1
Seasonal efficiency	SCOP		4.00	4.60
Seasonal electricity consumption (*)	Q _{he}	kWh/annum	735	344
Back up heating capacity	kW		0.260	0.000

Declared capacity for heating, at indoor temperature 20°C and outdoor temperature T_j.

T _j = -7 °C	P _{dh}	kW	1.86	-	-
T _j = +2 °C	P _{dh}	kW	1.13	-	1.13
T _j = +7 °C	P _{dh}	kW	0.73	-	0.73
T _j = +12 °C	P _{dh}	kW	0.95	-	0.95
T _j = bivalent temperature	P _{dh}	kW	1.86	-	1.13
T _j = operation limit temperature	P _{dh}	kW	1.80	-	1.80

(*) 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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