

Appliance - Split type air conditioner

Directive 2009/125/EC

Supplier	Toshiba Carrier Corporation
Outdoor unit	RAS-16P2AVSG-E
Indoor unit	RAS-B16P2KVSG-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 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 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	63
Indoor unit	dB	57	57

Cooling

Energy efficiency class		A++
Design load	P _{designc} kW	4.6
Seasonal efficiency	SEER	7.80
Seasonal electricity consumption (*)	Q _{ce} kWh/annum	206

Heating

		Average climate	Colder climate	Warmer climate
Energy efficiency class		A++	-	A+++
Design load	P _{designh} kW	4.0	-	2.2
Seasonal efficiency	SCOP	4.60	-	6.10
Seasonal electricity consumption (*)	Q _{he} kWh/annum	1217	-	494
Back up heating capacity	kW	0.610	-	-

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

T _j = -7 °C	P _{dh} kW	3.54	-	-
T _j = +2 °C	P _{dh} kW	2.15	-	2.15
T _j = +7 °C	P _{dh} kW	1.38	-	1.38
T _j = +12 °C	P _{dh} kW	1.10	-	1.10
T _j = bivalent temperature	P _{dh} kW	3.54	-	2.15
T _j = operation limit temperature	P _{dh} kW	2.89	-	2.89

(*) 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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