

Appliance - Split type air conditioner					Directive 2009/125/EC			
Supplier					Toshiba Carrier Corporation			
Outdoor unit					RAS-13J2AVSG-E1			
Indoor unit					RAS-B13J2FVG-E			
Capacity control					Variable			
Cooling								
Design load				Pdesignc	kW		3.5	
Seasonal efficiency				SEER			7.02	
Seasonal electricity consumption (*)				Qce kWh/annum			174	
Degradation co-efficient cooling				Cdc			-	
Declared capacity for cooling, at indoor temperature 27(19) °C and outdoor temperature Tj					Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature Tj			
Tj = 35°C	Pdc	kW	3.50	Tj = 35°C	EERd	4.02		
Tj = 30°C	Pdc	kW	2.58	Tj = 30°C	EERd	5.60		
Tj = 25°C	Pdc	kW	1.66	Tj = 25°C	EERd	8.20		
Tj = 20°C	Pdc	kW	1.25	Tj = 20°C	EERd	12.35		
Heating								
				Average climate		Colder climate	Warmer climate	
Design load				Pdesignh	kW	3.0	-	1.6
Seasonal efficiency				SCOP	4.70		-	6.50
Seasonal electricity consumption (*)				Qhe kWh/annum	893		-	349
Bivalent temperature				°C		-7.0	-15.0	2.0
Operation limit temperature				°C		-15.0	-15.0	-15.0
Degradation co-efficient heating				Cdh	-			
Average climate								
Declared capacity for heating/Average season, at indoor temperature 20 °C and outdoor temperature Tj					Declared coefficient of performance/Average season, at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	Pdh	kW	2.65	Tj = -7 °C	COPd	2.80		
Tj = +2 °C	Pdh	kW	1.62	Tj = +2 °C	COPd	4.55		
Tj = +7 °C	Pdh	kW	1.04	Tj = +7 °C	COPd	6.70		
Tj = +12 °C	Pdh	kW	0.99	Tj = +12 °C	COPd	8.80		
Tj = bivalent temperature	Pdh	kW	2.65	Tj = bivalent temperature	COPd	2.80		
Tj = operation limit temperature	Pdh	kW	2.10	Tj = operation limit temperature	COPd	2.40		
Warmer climate								
Declared capacity for heating/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj					Declared coefficient of performance/Average season, at indoor temperature 20 °C and outdoor temperature Tj			
Tj = +2 °C	Pdh	kW	1.62	Tj = +2 °C	COPd	4.55		
Tj = +7 °C	Pdh	kW	1.04	Tj = +7 °C	COPd	6.70		
Tj = +12 °C	Pdh	kW	0.99	Tj = +12 °C	COPd	8.80		
Tj = bivalent temperature	Pdh	kW	1.62	Tj = bivalent temperature	COPd	4.55		
Tj = operation limit temperature	Pdh	kW	2.10	Tj = operation limit temperature	COPd	2.40		
Electricity								
off mode	Poff	kW	0.001	standby mode	Psb	kW	0.001	
thermostat-off mode	Pto	kW	0.031	Crankcase heater mode	Pck	kW	0.000	

Refrigerant

Type	R32			
Global Warming Potential	GWP	kgCO2eq	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	59	61
Indoor unit	dB	53	53

Rated air flow		Cooling	Heating
Outdoor unit	m³/h	1950	1950
Indoor unit	m³/h	528	552

Dimensions		Height	Width	Depth	Weight (kg)
RAS-13J2AVSG-E1	mm	550	780	290	30
RAS-B13J2FVG-E	mm	600	700	220	16

Harmonised standard EN14511:2022 , EN12102-1:2022
Calculation methods - Measurement standards PrEN 14825:2022

Contact details

Carrier RLC Europe S.A.S - Route de Thil, 01120, Montluel,France