

Supplier	TOSHIBA
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Appliance - Split type air conditioner

Outdoor unit	Single Inverter	RAS-25S4AVPG-ND
Indoor unit	DAISEIKAI 10 R32	RAS-25S4KVDG-ND

Function		Design load			Seasonal efficiency			
Cooling	Y	Cooling	Pdesignc	2.5 kW	Cooling	SEER	10.50	A+++
Heating - Average	Y	Heating/Average	Pdesignh	3.0 kW	Heating/Average	SCOP(A)	5.50	A+++
Heating - Warmer	N	Heating/Colder	Pdesignh	4.5 kW	Heating/Colder	SCOP(C)	4.60	A++
Heating - Colder	Y							
Capacity control	Variable							

Cooling

Capacity				Efficiency			
Declared capacity for cooling at indoor temperature 27(19)°C and outdoor temperature Tj.				Declared Energy efficiency ratio for cooling at indoor temperature 27(19)°C and outdoor temperature Tj.			
Tj=35°C	Pdc	2.50	kW	Tj=35°C	EERd	5.90	
Tj=30°C	Pdc	1.84	kW	Tj=30°C	EERd	8.90	
Tj=25°C	Pdc	1.18	kW	Tj=25°C	EERd	14.60	
Tj=20°C	Pdc	1.26	kW	Tj=20°C	EERd	16.83	
				Degradation co-efficient cooling	Cdc	0.25	

Heating (Average climate)

Capacity				Efficiency			
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	2.65	kW	Tj=-7°C	COPd	3.65	
Tj=2°C	Pdh	1.62	kW	Tj=2°C	COPd	5.67	
Tj=7°C	Pdh	1.04	kW	Tj=7°C	COPd	6.90	
Tj=12°C	Pdh	1.11	kW	Tj=12°C	COPd	7.25	
Tj=bivalent temperature	Pdh	3.00	kW	Tj=bivalent temperature	COPd	3.00	
Tj=operation limit	Pdh	2.40	kW	Tj=operation limit	COPd	2.10	
Bivalent temperature		-10	°C				
Operation limit temperature		-30	°C	Degradation co-efficient heating	Cdh	0.25	

Heating (Colder climate)

Capacity

Declared capacity for Heating/Colder climate at indoor temperature 20°C and outdoor temperature Tj.

Efficiency

Declared coefficient of performance for Heating/Colder climate at indoor temperature 20°C and outdoor temperature Tj.

Tj=-7°C	Pdh	2.72	kW	Tj=-7°C	COPd	3.65
Tj=2°C	Pdh	1.66	kW	Tj=2°C	COPd	5.67
Tj=7°C	Pdh	1.12	kW	Tj=7°C	COPd	6.90
Tj=12°C	Pdh	1.11	kW	Tj=12°C	COPd	7.25
Tj=bivalent temperature	Pdh	3.95	kW	Tj=bivalent temperature	COPd	3.10
Tj=operation limit	Pdh	2.40	kW	Tj=operation limit	COPd	2.10
Tj=-15°C	Pdh	3.95	kW	Tj=-15°C	COPd	3.10
Bivalent temperature		Tbiv	X	°C		
Operation limit temperature		Tol	X	°C		

Electricity

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

Seasonal electricity consumption

Off mode	Poff	0.001	kW	Cooling	QCE	83	kWh/ε
Standby mode	Psb	0.001	kW	Heating/Average	QHE/A	763	kWh/ε
Thermostat-off mode	Pto	0.028	kW	Heating/Warmer	QHE/B	x	kWh/ε
Crankcase heater mode	Pck	0.000	kW	Heating/Colder	QHE/C	2053	kWh/ε

Refrigerant

Type	R32					
Weight			1.15	kg		
Global Warming Potential	GWP	675		kgCO ₂ eq.		

Sound power level - db(A)

Rated air flow - m³/h

	Cooling	Heating		Cooling	Heating
RAS-25S4AVPG-ND	59	60	RAS-25S4AVPG-ND	2220	2220
RAS-25S4KVDG-ND	54	54	RAS-25S4KVDG-ND	730	750

Dimensions

	Height	Width	Depth	Weight
RAS-25S4AVPG-ND	630 mm	800 mm	300 mm	43 kg
RAS-25S4KVDG-ND	293 mm	930 mm	255 mm	14 kg

Harmonised standard	EN14511:2007 , EN12102
Calculation methods - Measurement standards	PrEN 14825: 2011 chapter 8 and 9
Contact details for obtaining more information	Importer/Distributor in EU: Toshiba Carrier Europe S.A.S Route de Thil 01120 Montluel France