

Supplier	TOSHIBA
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Appliance - Split type air conditioner

Outdoor unit	Single Inverter	RAS-35S4AVPG-ND
Indoor unit	DAISEIKAI 10 R32	RAS-35S4KVDG-ND

Function		Design load				Seasonal efficiency			
Cooling	Y	Cooling	Pdesignc	3.5	kW	Cooling	SEER	9.50	A+++
Heating - Average	Y	Heating/Average	Pdesignh	3.8	kW	Heating/Average	SCOP(A)	5.40	A+++
Heating - Warmer	N	Heating/Colder	Pdesignh	5.2	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	3.50	kW	Tj=35°C	EERd	4.93	
Tj=30°C	Pdc	2.58	kW	Tj=30°C	EERd	7.93	
Tj=25°C	Pdc	1.66	kW	Tj=25°C	EERd	11.60	
Tj=20°C	Pdc	1.26	kW	Tj=20°C	EERd	16.47	
				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	3.36	kW	Tj=-7°C	COPd	3.35	
Tj=2°C	Pdh	2.05	kW	Tj=2°C	COPd	5.57	
Tj=7°C	Pdh	1.32	kW	Tj=7°C	COPd	6.85	
Tj=12°C	Pdh	1.29	kW	Tj=12°C	COPd	7.83	
Tj=bivalent temperature	Pdh	3.80	kW	Tj=bivalent temperature	COPd	2.80	
Tj=operation limit	Pdh	3.10	kW	Tj=operation limit	COPd	2.40	
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	3.15	kW	Tj=-7°C	COPd	3.50
Tj=2°C	Pdh	1.95	kW	Tj=2°C	COPd	5.60
Tj=7°C	Pdh	1.36	kW	Tj=7°C	COPd	6.95
Tj=12°C	Pdh	1.28	kW	Tj=12°C	COPd	7.85
Tj=bivalent temperature	Pdh	5.50	kW	Tj=bivalent temperature	COPd	3.45
Tj=operation limit	Pdh	3.10	kW	Tj=operation limit	COPd	2.40
Tj=-15°C	Pdh	5.50	kW	Tj=-15°C	COPd	3.45
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	129	kWh/ε
Standby mode	Psb	0.001	kW	Heating/Average	QHE/A	984	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	2372	kWh/ε

Refrigerant

Type	R32					
Weight			1.20	kg		
Global Warming Potential	GWP	675		kgCO ₂ eq.		

Sound power level - db(A)

Rated air flow - m³/h

	Cooling	Heating		Cooling	Heating
RAS-35S4AVPG-ND	61	62	RAS-35S4AVPG-ND	2490	2490
RAS-35S4KVDG-ND	54	54	RAS-35S4KVDG-ND	780	810

Dimensions

	Height	Width	Depth	Weight
RAS-35S4AVPG-ND	630 mm	800 mm	300 mm	43 kg
RAS-35S4KVDG-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