

Appliance - Split type air conditioner

Outdoor unit	Single Inverter	RAV-GP801AT-E
Indoor unit	Ceiling	RAV-RM801CTP-E

Function		Design load				Seasonal efficiency			
Cooling	Y	Cooling	Pdesignc	7.1	kW	Cooling	SEER	7.95	A++
Heating - Average	Y	Heating/Average	Pdesignh	5.1	kW	Heating/Average	SCOP(A)	5.05	A++
Heating - Warmer	N	Capacity control = Variable							
Heating - Colder	N								

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	7.10	kW	Tj=35°C	EERd	4.44
Tj=30°C	Pdc	5.32	kW	Tj=30°C	EERd	5.91
Tj=25°C	Pdc	3.36	kW	Tj=25°C	EERd	10.50
Tj=20°C	Pdc	2.24	kW	Tj=20°C	EERd	16.00

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	4.51	kW	Tj=-7°C	COPd	3.43
Tj=2°C	Pdh	2.74	kW	Tj=2°C	COPd	5.08
Tj=7°C	Pdh	1.75	kW	Tj=7°C	COPd	6.49
Tj=12°C	Pdh	1.83	kW	Tj=12°C	COPd	7.82
Tj=bivalent temperature	Pdh	4.51	kW	Tj=bivalent temperature	COPd	3.43
Tj=operation limit	Pdh	1.20	kW	Tj=operation limit	COPd	1.41
Bivalent temperature		-7	°C			
Operation limit temperature		-27	°C			

Electricity

Electric power input in power modes other than "on mode"				Seasonal electricity consumption			
off mode	Poff	0.007	kW	Cooling	QCE	312	kWh/a
standby mode	Psb	0.007	kW	Heating/Average	QHE/A	1412	kWh/a
thermostat-off mode	Pto	0.074	kW	Heating/Warmer	QHE/B	x	kWh/a
crankcase heater mode	Pck	0.000	kW	Heating/Colder	QHE/C	x	kWh/a

Refrigerant

Type	R32						
Weight					1.90	kg	
Global Warming Potential	GWP				675	kgCO ₂ eq.	

Sound power level - db(A)

Rated air flow - m³/h

	Cooling	Heating		Cooling	Heating
RAV-GP801AT-E	63	65	RAV-GP801AT-E	3180	3180
RAV-RM801CTP-E	41	41	RAV-RM801CTP-E	1410	1410

Dimensions

	Height	Width	Depth	Weight
RAV-GP801AT-E	1050 mm	1010 mm	370 mm	74 kg
RAV-RM801CTP-E	235 mm	1270 mm	690 mm	29 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 UK Ltd. Porsham Close, Belliver Industrial Estate, PLYMOUTH, Devon, PL6 7DB. United Kingdom

Supplier	TOSHIBA CARRIER CORPORATION
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Indoor unit	RAV-RM801CTP-E
Outdoor unit	RAV-GP801AT-E

Sound power level

indoor unit (cooling)	dB	41
outdoor unit (cooling)	dB	63
indoor unit (heating)	dB	41
outdoor unit (heating)	dB	65

Refrigerant

Type		R32
Global Warming Potential	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.

Cooling

Energy efficiency class		A++
Design load (Pdesignc)	kW	7.1
Seasonal efficiency (SEER)		7.95
Seasonal electricity consumption (QCE)	kWh/annum	312

Heating

		Heating/Average	Heating/Warmer	Heating/Colder
Energy efficiency class		A++	x	x
Design load (Pdesignh)	kW	5.1	x,x	x,x
Seasonal efficiency (SCOP)		5.05	x,xx	x,xx
Seasonal electricity consumption (Q _{HE})	kWh/annum	1412	x	x
Back up heating capacity	kW	1.09		
Declared capacity for heating, at indoor temperature 20°C and outdoor temperature Tj.				
Tj= -7°C (Pdh)	kW	4.51	-	x,xx
Tj= 2°C (Pdh)	kW	2.74	x,xx	x,xx
Tj= 7°C (Pdh)	kW	1.75	x,xx	x,xx
Tj= 12°C (Pdh)	kW	1.83	x,xx	x,xx
Tj=bivalent temperature (Pdh)	kW	4.51	x,xx	x,xx
Tj=operation limit (Pdh)	kW	1.20	x,xx	x,xx
Tj= -15°C (Pdh)	kW	-	-	x,xx