

Appliance - Split type air conditioner

Outdoor unit	Single Inverter	RAV-GP801AT-E
Indoor unit	Standard Duct	RAV-RM801BTP-E

Function		Design load			Seasonal efficiency			
Cooling	Y	Cooling	Pdesignc	7.1 kW	Cooling	SEER	7.50	A++
Heating - Average	Y	Heating/Average	Pdesignh	5.1 kW	Heating/Average	SCOP(A)	4.81	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	4.36
Tj=30°C	Pdc	5.35 kW	Tj=30°C	EERd	6.15
Tj=25°C	Pdc	3.33 kW	Tj=25°C	EERd	9.51
Tj=20°C	Pdc	2.13 kW	Tj=20°C	EERd	13.31

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	3.28
Tj=2°C	Pdh	2.63 kW	Tj=2°C	COPd	4.79
Tj=7°C	Pdh	1.77 kW	Tj=7°C	COPd	6.32
Tj=12°C	Pdh	1.84 kW	Tj=12°C	COPd	7.22
Tj=bivalent temperature	Pdh	4.51 kW	Tj=bivalent temperature	COPd	3.28
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	331	kWh/a
standby mode	Psb	0.007	kW	Heating/Average	QHE/A	1484	kWh/a
thermostat-off mode	Pto	0.078	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-RM801BTP-E	55	55	RAV-RM801BTP-E	1200	1200

Dimensions

	Height	Width	Depth	Weight
RAV-GP801AT-E	1050 mm	1010 mm	370 mm	74 kg
RAV-RM801BTP-E	275 mm	1000 mm	750 mm	30 kg

Harmonised standard	EN14511:2007, EN12102
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Calculation methods - Measurement standards	PrEN 14825: 2011 chapter 8 and 9
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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
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Supplier	TOSHIBA CARRIER CORPORATION
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Indoor unit	RAV-RM801BTP-E
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Outdoor unit	RAV-GP801AT-E
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Sound power level

indoor unit (cooling)	dB	55
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outdoor unit (cooling)	dB	63
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indoor unit (heating)	dB	55
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outdoor unit (heating)	dB	65
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Refrigerant

Type		R32
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Global Warming Potential	kgCO ₂ eq	675
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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++
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Design load (P _{designc})	kW	7.1
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Seasonal efficiency (SEER)		7.50
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Seasonal electricity consumption (Q _{CE})	kWh/annum	331
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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)		4.81	x,xx	x,xx
Seasonal electricity consumption (Q _{HE})	kWh/annum	1484	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	2.63	x,xx	x,xx
Tj= 7°C (Pdh)	kW	1.77	x,xx	x,xx
Tj= 12°C (Pdh)	kW	1.84	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