

Appliance - Split type air conditioner

Outdoor unit	Single Inverter	RAV-GM1101ATP-E
Indoor unit	Standard Duct	RAV-RM1101BTP-E

Function		Design load			Seasonal efficiency			
Cooling	Y	Cooling	Pdesignc	9.5 kW	Cooling	SEER	5.28	A
Heating - Average	Y	Heating/Average	Pdesignh	7.6 kW	Heating/Average	SCOP(A)	4.19	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	9.50 kW		Tj=35°C	EERd	3.18
Tj=30°C	Pdc	7.00 kW		Tj=30°C	EERd	4.83
Tj=25°C	Pdc	4.50 kW		Tj=25°C	EERd	6.38
Tj=20°C	Pdc	4.00 kW		Tj=20°C	EERd	10.65

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	6.72 kW		Tj=-7°C	COPd	2.69
Tj=2°C	Pdh	4.31 kW		Tj=2°C	COPd	4.29
Tj=7°C	Pdh	2.85 kW		Tj=7°C	COPd	5.52
Tj=12°C	Pdh	3.10 kW		Tj=12°C	COPd	6.60
Tj=bivalent temperature	Pdh	6.72 kW		Tj=bivalent temperature	COPd	2.69
Tj=operation limit	Pdh	4.57 kW		Tj=operation limit	COPd	1.58
Bivalent temperature		-7 °C				
Operation limit temperature		-15 °C				

Electricity

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

Seasonal electricity consumption

off mode	Poff	0.016	kW	Cooling	QCE	629	kWh/a
standby mode	Psb	0.016	kW	Heating/Average	QHE/A	2537	kWh/a
thermostat-off mode	Pto	0.203	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					2.10	kg	
Global Warming Potential	GWP				675	kgCO ₂ eq.	

Sound power level - db(A)

Rated air flow - m³/h

	Cooling	Heating		Cooling	Heating
RAV-GM1101ATP-E	70	74	RAV-GM1101ATP-E	4080	4080
RAV-RM1101BTP-E	55	55	RAV-RM1101BTP-E	2100	2100

Dimensions

	Height	Width	Depth	Weight
RAV-GM1101ATP-E	890 mm	900 mm	320 mm	68 kg
RAV-RM1101BTP-E	275 mm	1400 mm	750 mm	40 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-RM1101BTP-E
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Outdoor unit	RAV-GM1101ATP-E
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Sound power level

indoor unit (cooling)	dB	55
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outdoor unit (cooling)	dB	70
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indoor unit (heating)	dB	55
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outdoor unit (heating)	dB	74
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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	9.5
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Seasonal efficiency (SEER)		5.28
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Seasonal electricity consumption (Q _{CE})	kWh/annum	629
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Heating

		Heating/Average	Heating/Warmer	Heating/Colder
Energy efficiency class		A+	x	x
Design load (Pdesignh)	kW	7.6	x,x	x,x
Seasonal efficiency (SCOP)		4.19	x,xx	x,xx
Seasonal electricity consumption (Q _{HE})	kWh/annum	2537	x	x
Back up heating capacity	kW	1.69		
Declared capacity for heating, at indoor temperature 20°C and outdoor temperature Tj.				
Tj= -7°C (Pdh)	kW	6.72	-	x,xx
Tj= 2°C (Pdh)	kW	4.31	x,xx	x,xx
Tj= 7°C (Pdh)	kW	2.85	x,xx	x,xx
Tj= 12°C (Pdh)	kW	3.10	x,xx	x,xx
Tj=bivalent temperature (Pdh)	kW	6.72	x,xx	x,xx
Tj=operation limit (Pdh)	kW	4.57	x,xx	x,xx
Tj= -15°C (Pdh)	kW	-	-	x,xx