

Appliance - Split type air conditioner

Outdoor unit	Single Inverter	RAV-GM1101ATP-E
Indoor unit	4-way Cassette	RAV-RM1101UTP-E

Function		Design load			Seasonal efficiency			
Cooling	Y	Cooling	Pdesignc	9.5 kW	Cooling	SEER	6.15	A++
Heating - Average	Y	Heating/Average	Pdesignh	8.0 kW	Heating/Average	SCOP(A)	4.28	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		3.31
Tj=30°C	Pdc	7.00 kW		Tj=30°C	EERd		5.43
Tj=25°C	Pdc	4.50 kW		Tj=25°C	EERd		7.50
Tj=20°C	Pdc	4.25 kW		Tj=20°C	EERd		11.58

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	7.08 kW		Tj=-7°C	COPd		2.74
Tj=2°C	Pdh	4.31 kW		Tj=2°C	COPd		4.33
Tj=7°C	Pdh	2.77 kW		Tj=7°C	COPd		5.58
Tj=12°C	Pdh	3.26 kW		Tj=12°C	COPd		6.67
Tj=bivalent temperature	Pdh	7.08 kW		Tj=bivalent temperature	COPd		2.74
Tj=operation limit	Pdh	4.81 kW		Tj=operation limit	COPd		1.60
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	540	kWh/a
standby mode	Psb	0.016	kW	Heating/Average	QHE/A	2615	kWh/a
thermostat-off mode	Pto	0.073	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-RM1101UTP-E	58	58	RAV-RM1101UTP-E	2010	2010

Dimensions

	Height	Width	Depth	Weight
RAV-GM1101ATP-E	890 mm	900 mm	320 mm	68 kg
RAV-RM1101UTP-E	319 mm	840 mm	840 mm	24 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-RM1101UTP-E
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Outdoor unit	RAV-GM1101ATP-E
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Sound power level

indoor unit (cooling)	dB	58
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outdoor unit (cooling)	dB	70
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indoor unit (heating)	dB	58
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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)		6.15
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Seasonal electricity consumption (Q _{CE})	kWh/annum	540
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Heating

		Heating/Average	Heating/Warmer	Heating/Colder
Energy efficiency class		A+	x	x
Design load (Pdesignh)	kW	8.0	x,x	x,x
Seasonal efficiency (SCOP)		4.28	x,xx	x,xx
Seasonal electricity consumption (Q _{H,E})	kWh/annum	2615	x	x
Back up heating capacity	kW	1.77		
Declared capacity for heating, at indoor temperature 20°C and outdoor temperature T_j.				
T _j = -7°C (Pdh)	kW	7.08	-	x,xx
T _j = 2°C (Pdh)	kW	4.31	x,xx	x,xx
T _j = 7°C (Pdh)	kW	2.77	x,xx	x,xx
T _j = 12°C (Pdh)	kW	3.26	x,xx	x,xx
T _j =bivalent temperature (Pdh)	kW	7.08	x,xx	x,xx
T _j =operation limit (Pdh)	kW	4.81	x,xx	x,xx
T _j = -15°C (Pdh)	kW	-	-	x,xx