

Appliance - Split type air conditioner

Outdoor unit	Single Inverter	RAV-GP1101AT-E
Indoor unit	Hi-wall - R32	RAV-GM1101KRTP-E

Function		Design load			Seasonal efficiency				
Cooling	Y	Cooling	Pdesignc	10.0	kW	Cooling	SEER	7.20	A++
Heating - Average	Y	Heating/Average	Pdesignh	9.2	kW	Heating/Average	SCOP(A)	4.41	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	10.00	kW	Tj=35°C	EERd	3.61
Tj=30°C	Pdc	7.43	kW	Tj=30°C	EERd	5.43
Tj=25°C	Pdc	4.88	kW	Tj=25°C	EERd	8.67
Tj=20°C	Pdc	3.12	kW	Tj=20°C	EERd	14.20

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	8.14	kW	Tj=-7°C	COPd	2.62
Tj=2°C	Pdh	4.80	kW	Tj=2°C	COPd	4.39
Tj=7°C	Pdh	3.34	kW	Tj=7°C	COPd	6.08
Tj=12°C	Pdh	2.81	kW	Tj=12°C	COPd	7.29
Tj=bivalent temperature	Pdh	8.14	kW	Tj=bivalent temperature	COPd	2.62
Tj=operation limit	Pdh	1.63	kW	Tj=operation limit	COPd	0.77
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	486	kWh/a
standby mode	Psb	0.007	kW	Heating/Average	QHE/A	2920	kWh/a
thermostat-off mode	Pto	0.056	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				3.10	kg		
Global Warming Potential	GWP			675	kgCO ₂ eq.		

Sound power level - db(A)

Rated air flow - m³/h

	Cooling	Heating		Cooling	Heating
RAV-GP1101AT-E	66	67	RAV-GP1101AT-E	6960	6960
RAV-GM1101KRTP-E	64	64	RAV-GM1101KRTP-E	1610	1610

Dimensions

	Height	Width	Depth	Weight
RAV-GP1101AT-E	1550 mm	1010 mm	370 mm	104 kg
RAV-GM1101KRTP-E	348 mm	1200 mm	280 mm	19 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-GM1101KRTP-E
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Outdoor unit	RAV-GP1101AT-E
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Sound power level

indoor unit (cooling)	dB	64
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outdoor unit (cooling)	dB	66
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indoor unit (heating)	dB	64
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outdoor unit (heating)	dB	67
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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	10.0
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Seasonal efficiency (SEER)		7.20
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Seasonal electricity consumption (Q _{CE})	kWh/annum	486
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Heating

		Heating/Average	Heating/Warmer	Heating/Colder
Energy efficiency class		A+	x	x
Design load (Pdesignh)	kW	9.2	x,x	x,x
Seasonal efficiency (SCOP)		4.41	x,xx	x,xx
Seasonal electricity consumption (Q _{HE})	kWh/annum	2920	x	x
Back up heating capacity	kW	2.04		
Declared capacity for heating, at indoor temperature 20°C and outdoor temperature Tj.				
Tj= -7°C (Pdh)	kW	8.14	-	x,xx
Tj= 2°C (Pdh)	kW	4.80	x,xx	x,xx
Tj= 7°C (Pdh)	kW	3.34	x,xx	x,xx
Tj= 12°C (Pdh)	kW	2.81	x,xx	x,xx
Tj=bivalent temperature (Pdh)	kW	8.14	x,xx	x,xx
Tj=operation limit (Pdh)	kW	1.63	x,xx	x,xx
Tj= -15°C (Pdh)	kW	-	-	x,xx