

## Appliance - Split type air conditioner

Outdoor unit	Single Inverter	RAV-GM1101ATP-E
Indoor unit	4-way Cassette	RAV-RM561UTP-E
Indoor unit	4-way Cassette	RAV-RM561UTP-E

Function		Design load			Seasonal efficiency		
Cooling	Y	Cooling	Pdesignc	9.5 kW	Cooling	SEER	5.94 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	0.026	kW	Cooling	QCE	560	kWh/a
standby mode	Psb	0.026	kW	Heating/Average	QHE/A	2614	kWh/a
thermostat-off mode	Pto	0.066	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 <sub>2</sub> eq.		

## Sound power level - db(A)

## Rated air flow - m<sup>3</sup>/h

	Cooling	Heating		Cooling	Heating
RAV-GM1101ATP-E	70	74	RAV-GM1101ATP-E	4080	4080
RAV-RM561UTP-E	47	47	RAV-RM561UTP-E	1050	1050
RAV-RM561UTP-E	47	47	RAV-RM561UTP-E	1050	1050

## Dimensions

	Height	Width	Depth	Weight
RAV-GM1101ATP-E	890 mm	900 mm	320 mm	68 kg
RAV-RM561UTP-E	256 mm	840 mm	840 mm	20 kg
RAV-RM561UTP-E	256 mm	840 mm	840 mm	20 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-RM561UTP-E
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Indoor unit	RAV-RM561UTP-E
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Outdoor unit	RAV-GM1101ATP-E
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## Sound power level

indoor unit (cooling)	dB	47
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outdoor unit (cooling)	dB	70
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indoor unit (heating)	dB	47
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outdoor unit (heating)	dB	74
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## Refrigerant

Type		R32
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Global Warming Potential	kgCO <sub>2</sub> 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 CO<sub>2</sub>, 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 <sub>designc</sub> )	kW	9.5
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Seasonal efficiency (SEER)		5.94
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Seasonal electricity consumption (Q <sub>CE</sub> )	kWh/annum	560
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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 <sub>H,E</sub> )	kWh/annum	2614	x	x
Back up heating capacity	kW	1.77		
<b>Declared capacity for heating, at indoor temperature 20°C and outdoor temperature T<sub>j</sub>.</b>				
T <sub>j</sub> = -7°C (Pdh)	kW	7.08	-	x,xx
T <sub>j</sub> = 2°C (Pdh)	kW	4.31	x,xx	x,xx
T <sub>j</sub> = 7°C (Pdh)	kW	2.77	x,xx	x,xx
T <sub>j</sub> = 12°C (Pdh)	kW	3.26	x,xx	x,xx
T <sub>j</sub> =bivalent temperature (Pdh)	kW	7.08	x,xx	x,xx
T <sub>j</sub> =operation limit (Pdh)	kW	4.81	x,xx	x,xx
T <sub>j</sub> = -15°C (Pdh)	kW	-	-	x,xx