

## Appliance - Split type air conditioner

Outdoor unit	Single Inverter	RAV-GM561ATP-E
Indoor unit	Compact 4-way Cassette	RAV-RM561MUT-E

Function		Design load			Seasonal efficiency			
Cooling	Y	Cooling	Pdesignc	5.0 kW	Cooling	SEER	5.69	A+
Heating - Average	Y	Heating/Average	Pdesignh	2.8 kW	Heating/Average	SCOP(A)	4.37	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	5.00 kW	Tj=35°C	EERd	3.03
Tj=30°C	Pdc	3.68 kW	Tj=30°C	EERd	4.55
Tj=25°C	Pdc	2.37 kW	Tj=25°C	EERd	7.67
Tj=20°C	Pdc	1.67 kW	Tj=20°C	EERd	11.49

### 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	2.48 kW	Tj=-7°C	COPd	2.71
Tj=2°C	Pdh	1.51 kW	Tj=2°C	COPd	4.40
Tj=7°C	Pdh	0.97 kW	Tj=7°C	COPd	5.81
Tj=12°C	Pdh	0.95 kW	Tj=12°C	COPd	6.65
Tj=bivalent temperature	Pdh	2.48 kW	Tj=bivalent temperature	COPd	2.71
Tj=operation limit	Pdh	3.29 kW	Tj=operation limit	COPd	2.17
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	0.012	kW	Cooling	QCE	307	kWh/a
standby mode	Psb	0.012	kW	Heating/Average	QHE/A	897	kWh/a
thermostat-off mode	Pto	0.051	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				0.90	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-GM561ATP-E	63	65	RAV-GM561ATP-E	2400	2400
RAV-RM561MUT-E	47	47	RAV-RM561MUT-E	1050	1050

## Dimensions

	Height	Width	Depth	Weight
RAV-GM561ATP-E	550 mm	780 mm	290 mm	40 kg
RAV-RM561MUT-E	256 mm	575 mm	575 mm	15 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-RM561MUT-E
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Outdoor unit	RAV-GM561ATP-E
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## Sound power level

indoor unit (cooling)	dB	47
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outdoor unit (cooling)	dB	63
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indoor unit (heating)	dB	47
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outdoor unit (heating)	dB	65
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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	5.0
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Seasonal efficiency (SEER)		5.69
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Seasonal electricity consumption (Q <sub>CE</sub> )	kWh/annum	307
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## Heating

		Heating/Average	Heating/Warmer	Heating/Colder
Energy efficiency class		A+	x	x
Design load (Pdesignh)	kW	2.8	x,x	x,x
Seasonal efficiency (SCOP)		4.37	x,xx	x,xx
Seasonal electricity consumption (Q <sub>HE</sub> )	kWh/annum	897	x	x
Back up heating capacity	kW	0.02		
<b>Declared capacity for heating, at indoor temperature 20°C and outdoor temperature Tj.</b>				
Tj= -7°C (Pdh)	kW	2.48	-	x,xx
Tj= 2°C (Pdh)	kW	1.51	x,xx	x,xx
Tj= 7°C (Pdh)	kW	0.97	x,xx	x,xx
Tj= 12°C (Pdh)	kW	0.95	x,xx	x,xx
Tj=bivalent temperature (Pdh)	kW	2.48	x,xx	x,xx
Tj=operation limit (Pdh)	kW	3.29	x,xx	x,xx
Tj= -15°C (Pdh)	kW	-	-	x,xx