

Appliance - Split type air conditioner

Outdoor unit	Single Inverter	RAV-GP561ATP-E
Indoor unit	4-way Cassette	RAV-RM561UTP-E

Function		Design load			Seasonal efficiency			
Cooling	Y	Cooling	Pdesignc	5.0 kW	Cooling	SEER	7.61	A++
Heating - Average	Y	Heating/Average	Pdesignh	3.8 kW	Heating/Average	SCOP(A)	4.96	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	4.10
Tj=30°C	Pdc	3.68 kW	Tj=30°C	EERd	5.82
Tj=25°C	Pdc	2.37 kW	Tj=25°C	EERd	10.00
Tj=20°C	Pdc	1.05 kW	Tj=20°C	EERd	14.61

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	3.36 kW	Tj=-7°C	COPd	3.27
Tj=2°C	Pdh	2.05 kW	Tj=2°C	COPd	4.81
Tj=7°C	Pdh	1.32 kW	Tj=7°C	COPd	6.55
Tj=12°C	Pdh	0.58 kW	Tj=12°C	COPd	7.91
Tj=bivalent temperature	Pdh	3.36 kW	Tj=bivalent temperature	COPd	3.27
Tj=operation limit	Pdh	0.67 kW	Tj=operation limit	COPd	0.96
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	0.009	kW	Cooling	QCE	230	kWh/a
standby mode	Psb	0.009	kW	Heating/Average	QHE/A	1071	kWh/a
thermostat-off mode	Pto	0.026	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					1.35	kg	
Global Warming Potential	GWP				675	kgCO ₂ eq.	

Sound power level - db(A)

Rated air flow - m³/h

	Cooling	Heating		Cooling	Heating
RAV-GP561ATP-E	63	65	RAV-GP561ATP-E	2250	2070
RAV-RM561UTP-E	47	47	RAV-RM561UTP-E	1050	1050

Dimensions

	Height	Width	Depth	Weight
RAV-GP561ATP-E	630 mm	799 mm	299 mm	45 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
----------	-----------------------------

Indoor unit	RAV-RM561UTP-E
-------------	----------------

Outdoor unit	RAV-GP561ATP-E
--------------	----------------

Sound power level

indoor unit (cooling)	dB	47
-----------------------	----	----

outdoor unit (cooling)	dB	63
------------------------	----	----

indoor unit (heating)	dB	47
-----------------------	----	----

outdoor unit (heating)	dB	65
------------------------	----	----

Refrigerant

Type		R32
------	--	-----

Global Warming Potential	kgCO ₂ eq	675
--------------------------	----------------------	-----

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++
-------------------------	--	-----

Design load (P _{designc})	kW	5.0
-------------------------------------	----	-----

Seasonal efficiency (SEER)		7.61
----------------------------	--	------

Seasonal electricity consumption (Q _{CE})	kWh/annum	230
---	-----------	-----

Heating

		Heating/Average	Heating/Warmer	Heating/Colder
Energy efficiency class		A++	x	x
Design load (Pdesignh)	kW	3.8	x,x	x,x
Seasonal efficiency (SCOP)		4.96	x,xx	x,xx
Seasonal electricity consumption (Q _{HE})	kWh/annum	1071	x	x
Back up heating capacity	kW	0.84		
Declared capacity for heating, at indoor temperature 20°C and outdoor temperature Tj.				
Tj= -7°C (Pdh)	kW	3.36	-	x,xx
Tj= 2°C (Pdh)	kW	2.05	x,xx	x,xx
Tj= 7°C (Pdh)	kW	1.32	x,xx	x,xx
Tj= 12°C (Pdh)	kW	0.58	x,xx	x,xx
Tj=bivalent temperature (Pdh)	kW	3.36	x,xx	x,xx
Tj=operation limit (Pdh)	kW	0.67	x,xx	x,xx
Tj= -15°C (Pdh)	kW	-	-	x,xx