

Supplier TOSHIBA CARRIER CORPORATION

Indoor unit RAS-B13J2KVG-E

Outdoor unit RAS-13J2AVG-E

## Sound power level

indoor unit (cooling)	dB	56
outdoor unit (cooling)	dB	63
indoor unit (heating)	dB	57
outdoor unit (heating)	dB	65

## Refrigerant

Type		R32
Global Warming Potential	kgCO <sub>2</sub> 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 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++
Design load (P <sub>designc</sub> )	kW	3.3
Seasonal efficiency (SEER)		6.10
Seasonal electricity consumption (Q <sub>CE</sub> ) (*)	kWh/annum	189

(\*) Based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located

## Heating

		Heating/Average	Heating/Warmer	Heating/Colder
Energy efficiency class		A+	A++	x
Design load (P <sub>designh</sub> )	kW	2.8	1.5	x, x
Seasonal efficiency (SCOP)		4.00	4.90	x, x x
Seasonal electricity consumption (Q <sub>HE</sub> ) (*)	kWh/annum	980	435	x
Back up heating capacity	kW	0.54		

### Declared capacity for heating, at indoor temperature 20°C and outdoor temperature T<sub>j</sub>.

T <sub>j</sub> = -7°C (P <sub>dh</sub> )	kW	2.48	-	x, x x
T <sub>j</sub> = 2°C (P <sub>dh</sub> )	kW	1.51	1.51	x, x x
T <sub>j</sub> = 7°C (P <sub>dh</sub> )	kW	0.97	0.97	x, x x
T <sub>j</sub> = 12°C (P <sub>dh</sub> )	kW	0.84	0.84	x, x x
T <sub>j</sub> =bivalent temperature (P <sub>dh</sub> )	kW	2.48	1.51	x, x x
T <sub>j</sub> =operation limit (P <sub>dh</sub> )	kW	1.89	1.89	x, x x
T <sub>j</sub> = -15°C (P <sub>dh</sub> )	kW	-	-	x, x x

(\*) Based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located