

Supplier	TOSHIBA CARRIER CORPORATION
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Indoor unit	RAS-18J2KVG-E
Outdoor unit	RAS-18J2AVG-E

### Sound power level

indoor unit (cooling)	dB	60
outdoor unit (cooling)	dB	65
indoor unit (heating)	dB	63
outdoor unit (heating)	dB	67

### 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 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 (Pdesignc)	kW	5.0
Seasonal efficiency (SEER)		6.30
Seasonal electricity consumption (QCE)	kWh/annum	278

Heating

		Heating/Average	Heating/Warmer	Heating/Colder
Energy efficiency class		A+	A+++	x
Design load (Pdesignh)	kW	3.8	2.0	x,x
Seasonal efficiency (SCOP)		4.00	5.20	x,xx
Seasonal electricity consumption (QHE)	kWh/annum	1329	557	x
Back up heating capacity	kW	0.74		
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	2.05	x,xx
Tj= 7°C (Pdh)	kW	1.32	1.32	x,xx
Tj= 12°C (Pdh)	kW	1.02	1.02	x,xx
Tj=bivalent temperature (Pdh)	kW	3.36	2.05	x,xx
Tj=operation limit (Pdh)	kW	2.56	2.56	x,xx
Tj= -15°C (Pdh)	kW	-	-	x,xx