

Supplier	TOSHIBA CARRIER CORPORATION
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Indoor unit	RAS-B13J2KVG-E
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Outdoor unit	RAS-13J2AVG-E
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## Sound power level

indoor unit (cooling)	dB	56
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outdoor unit (cooling)	dB	63
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indoor unit (heating)	dB	57
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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	3.3
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Seasonal efficiency (SEER)		6.10
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Seasonal electricity consumption (Q <sub>CE</sub> )	kWh/annum	189
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## Heating

		Heating/Average	Heating/Warmer	Heating/Colder
Energy efficiency class		A+	A++	x
Design load (Pdesignh)	kW	2.8	1.5	x,x
Seasonal efficiency (SCOP)		4.00	4.90	x,xx
Seasonal electricity consumption (Q <sub>HE</sub> )	kWh/annum	980	435	x
Back up heating capacity	kW	0.54		
<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	2.48	-	x,xx
T <sub>j</sub> = 2°C (Pdh)	kW	1.51	1.51	x,xx
T <sub>j</sub> = 7°C (Pdh)	kW	0.97	0.97	x,xx
T <sub>j</sub> = 12°C (Pdh)	kW	0.84	0.84	x,xx
T <sub>j</sub> =bivalent temperature (Pdh)	kW	2.48	1.51	x,xx
T <sub>j</sub> =operation limit (Pdh)	kW	1.89	1.89	x,xx
T <sub>j</sub> = -15°C (Pdh)	kW	-	-	x,xx