TOSHIBA

1:1 SINGLE-SPLIT OUTDOOR UNIT R32

SHORAI



Highlights

Can be connected to one indoor unit
Piping lengths up to max. 25 m
Compact, quiet & durable

Compact and quiet outdoor units with low-GWP refrigerant R32 for 1:1 combination with SHORAI, HAORI or CONSOLES indoor units. In a robust, weatherproof housing, can be set up flexibly.

Economical & reliable

- Very high energy efficiency (A +++)
- DC hybrid inverter technology
- Single (07 to 16) or twin rotary compressor (18 to 24)
- Particularly high efficiency in part load range
- Complies with the ECODESIGN Lot10 guideline
- Wide operating temperature range
- Housing made of galvanized sheet steel with a cream-colored stove enamel finish
- Large curved heat exchanger for a small footprint
- Automatic restart after power failure adjustable

Saving resources

- Inverter control minimizes power consumption
- Eco mode
- Air as an energy source in heating mode
- Inconspicuous design adapts to any environment
- SILENT whisper mode

HIGHER quality in LIFE

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SHORAI / SET

Indoor unit Outdoor unit			RAS-B16P2KVSG-E RAS-16P2AVSG-E
Cooling capacity	kW	❄	4,60
Cooling range (min.-max.)	kW	❄	1,20 - 5,30
Power consumption (min./nom./max.)	kW	❄	0,34/1,35/1,72
Energy efficiency EER	W/W	❄	3,41
Energy efficiency SEER		❄	7,80
Energy efficiency class		❄	A++
Annual electricity consumption	kWh/a	❄	206
Outdoor temperature operating range (min.-max.)	°C	❄	-15/+46
Heating capacity	kW	☀	5,50
Heating range (min.-max.)	kW	☀	1,10 - 6,50
Power consumption (min./nom./max.)	kW	☀	0,24/1,48/1,90
Pdesign h	kW		4,00
Energy efficiency COP	W/W	☀	3,72
Energy efficiency SCOP		☀	4,60
Energy efficiency class		☀	A+++
Annual electricity consumption	kWh/a	☀	1217
Outdoor temperature operating range (min.-max.)	°C	☀	-20/+24

Indoor unit			RAS-B16P2KVSG-E
Sound pressure level (low/med/high)	dB(A)	❄	22/--/44
Sound pressure level (low/med/high)	dB(A)	☀	22/--/44
Sound power level	dB(A)	❄	57
Sound power level	dB(A)	☀	57
Airflow	m^3/h		360-760
Condensate pipe diameter	mm		VP13
Dimensions (HxWxD)	mm		293 x 822 x 226
Weight	kg		10

❄ Cooling ☀ Heating

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Outdoor unit			RAS-16P2AVSG-E
Power supply	V/Ph+N/Hz		220-240/1+N/50
Recommended fusing	A		10
Recommended power supply line type			H07RN-F 3G1,5
Communication line			H07RN-F 4G1,5
Current consumption (nom.)	A		9,50
Current consumption (max.)	A		9,50
Sound power level	dB(A)	❄	62
Sound power level	dB(A)	☀	63
Sound pressure level (low/med/high)	dB(A)	❄	43/--/49
Sound pressure level (low/med/high)	dB(A)	☀	43/--/50
SWL (LW) Silent CDU #2	dB(A)	❄	56
SWL (LW) Silent CDU #2	dB(A)	☀	56
SPL (Lp) Silent CDU #2	dB(A)	❄	43
SPL (Lp) Silent CDU #2	dB(A)	☀	43
Suction gas pipe diameter	mm (inch)		12,7 (1/2)
Liquid pipe diameter	mm (inch)		6,3 (1/4)
Pipe length (min.)	m		2
Pipe length (max.)	m		20
Height difference (max.)	m		12
Airflow	m^3/h		2040
Compressor type			DC Rotary
Refrigerant			R32
Refrigerant charge	kg		0,80
Pre-charged up to	m		15
Added refrigerant charge	g/m		20
Dimensions (HxWxD)	mm		550 x 780 x 290
Weight	kg		33

❄ Cooling ☀ Heating

The measuring conditions for this product can be found at https://www.toshiba-aircondition.com/en/measuring-conditions.html

Accessories	Description
Fernbedienung	Infrared remote control included

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