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-B13P2KVSG-E RAS-13P2AVSG-E
Cooling capacity	kW	❄	3,50
Cooling range (min.-max.)	kW	❄	1,00 - 4,10
Power consumption (min./nom./max.)	kW	❄	0,25/0,86/1,12
Energy efficiency EER	W/W	❄	4,07
Energy efficiency SEER		❄	8,60
Energy efficiency class		❄	A+++
Annual electricity consumption	kWh/a	❄	142
Outdoor temperature operating range (min.-max.)	°C	❄	-15/+46
Heating capacity	kW	☀	4,20
Heating range (min.-max.)	kW	☀	1,00 - 5,30
Power consumption (min./nom./max.)	kW	☀	0,20/1,08/1,55
Pdesign h	kW		3,20
Energy efficiency COP	W/W	☀	3,89
Energy efficiency SCOP		☀	5,10
Energy efficiency class		☀	A+++
Annual electricity consumption	kWh/a	☀	878
Outdoor temperature operating range (min.-max.)	°C	☀	-20/+24

Indoor unit			RAS-B13P2KVSG-E
Sound pressure level (low/med/high)	dB(A)	❄	19/--/43
Sound pressure level (low/med/high)	dB(A)	☀	19/--/43
Sound power level	dB(A)	❄	56
Sound power level	dB(A)	☀	56
Airflow	m^3/h		340-730
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-13P2AVSG-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		8,00
Current consumption (max.)	A		8,00
Sound power level	dB(A)	❄	60
Sound power level	dB(A)	☀	62
Sound pressure level (low/med/high)	dB(A)	❄	39/--/47
Sound pressure level (low/med/high)	dB(A)	☀	41/--/49
SWL (LW) Silent CDU #2	dB(A)	❄	52
SWL (LW) Silent CDU #2	dB(A)	☀	54
SPL (Lp) Silent CDU #2	dB(A)	❄	39
SPL (Lp) Silent CDU #2	dB(A)	☀	41
Suction gas pipe diameter	mm (inch)		9,5 (3/8)
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		1950
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		30

❄ 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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