

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 EDGE 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
- Environmentally friendly low-GWP refrigerant R32 pre-filled
- Air as an energy source in heating mode
- Inconspicuous design adapts to any environment
- SILENT whisper mode



Comfort and economy functions

- Operation via comfort IR remote control (included with the indoor unit)
- Clear & simple operation
- Automatic mode
- Hi power
- Comfort sleep
- Weekly timer with 4 freely programmable settings / day
- 28 time programs per week
- SILENT operating mode
- 8 ° C frost protection function
- Power Select
- Optional APP control via smartphone and tablet



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Indoor unit			RAS-B24G3KVSG-E
Outdoor unit			RAS-24J2AVSG-E2
Cooling capacity	kW	❄️	7,00
Cooling range (min.-max.)	kW	❄️	1,70 - 7,70
Power consumption (min./nom./max.)	kW	❄️	0,38/2,25/2,55
Energy efficiency EER	W/W	❄️	3,11
Energy efficiency SEER		❄️	6,30
Energy efficiency class		❄️	A++
Annual electricity consumption	kWh/a	❄️	389
Outdoor temperature operating range (min.-max.)	°C	❄️	-15/+46
Heating capacity	kW	🔥	8,00
Heating range (min.-max.)	kW	🔥	1,70 - 8,80
Power consumption (min./nom./max.)	kW	🔥	0,29/2,35/2,75
Pdesign h	kW		6,30
Energy efficiency COP	W/W	🔥	3,40
Energy efficiency SCOP		🔥	4,10
Energy efficiency class		🔥	A+
Annual electricity consumption	kWh/a	🔥	2149
Outdoor temperature operating range (min.-max.)	°C	🔥	-15/+24

Indoor unit			RAS-B24G3KVSG-E
Sound pressure level (low/med/high)	dB(A)	❄️	28/35/47
Sound pressure level (low/med/high)	dB(A)	🔥	28/35/48
Sound power level	dB(A)	❄️	60
Sound power level	dB(A)	🔥	61
Airflow	m³/h		1120
Condensate pipe diameter	mm		VP13
Dimensions (HxWxD)	mm		320 x 1053 x 245
Weight	kg		14

❄️ Cooling 🔥 Heating



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Outdoor unit			RAS-24J2AVSG-E2
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		10,00
Current consumption (max.)	A		12,50
Sound pressure level (low/med/high)	dB(A)	❄️	43/49/50
Sound pressure level (low/med/high)	dB(A)	🔥	46/52/52
Sound power level	dB(A)	❄️	66
Sound power level	dB(A)	🔥	67
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		25
Height difference (max.)	m		15
Airflow	m ³ /h		2910
Compressor type			DC Twin Rotary
Refrigerant			R32
Refrigerant charge	kg		1,18
Pre-charged up to	m		15
Added refrigerant charge	g/m		20
Dimensions (HxWxD)	mm		630 x 800 x 300
Weight	kg		35

❄️ Cooling 🔥 Heating

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



In order to make it easier for you to select the optimal product, you can find the description of the special TOSHIBA product functions for your model here:



Hybrid inverter control: Smooth capacity regulation.



Twin rotary compressor: Long-lasting, smoothly running and highest efficiency.



R32: Used refrigerant: R32.



Auto diagnostic: Check of system for flawless operation.

