

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-B07G3KVSG-E
Outdoor unit			RAS-07J2AVSG-E1
Cooling capacity	kW	❄️	2,00
Cooling range (min.-max.)	kW	❄️	0,89 - 2,90
Power consumption (min./nom./max.)	kW	❄️	0,19/0,39/0,67
Pdesign c	kW		2,00
Energy efficiency EER	W/W	❄️	5,13
Energy efficiency SEER		❄️	8,50
Energy efficiency class		❄️	A+++
Annual electricity consumption	kWh/a	❄️	82
Outdoor temperature operating range (min.-max.)	°C	❄️	-15/+46
Heating capacity	kW	🔥	2,50
Heating range (min.-max.)	kW	🔥	0,90 - 3,60
Power consumption (min./nom./max.)	kW	🔥	0,16/0,50/0,80
Pdesign h	kW		2,30
Energy efficiency COP	W/W	🔥	5,00
Energy efficiency SCOP		🔥	5,10
Energy efficiency class		🔥	A+++
Annual electricity consumption	kWh/a	🔥	631
Outdoor temperature operating range (min.-max.)	°C	🔥	-15/+24

Indoor unit			RAS-B07G3KVSG-E
Sound pressure level (low/med/high)	dB(A)	❄️	19/22/40
Sound pressure level (low/med/high)	dB(A)	🔥	19/23/40
Sound power level	dB(A)	❄️	53
Sound power level	dB(A)	🔥	53
Airflow	m³/h		312-660
Condensate pipe diameter	mm		VP13
Dimensions (HxWxD)	mm		293 x 800 x 226
Weight	kg		10

❄️ Cooling 🔥 Heating



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Outdoor unit			RAS-07J2AVSG-E1
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		1,80
Current consumption (max.)	A		4,50
Sound pressure level (low/med/high)	dB(A)	❄️	36/43/44
Sound pressure level (low/med/high)	dB(A)	☀️	38/44/46
Sound power level	dB(A)	❄️	53
Sound power level	dB(A)	☀️	59
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	m³/h		1890
Compressor type			DC Rotary
Refrigerant			R32
Refrigerant charge	kg		0,55
Pre-charged up to	m		15
Added refrigerant charge	g/m		20
Dimensions (HxWxD)	mm		550 x 780 x 290
Weight	kg		26

❄️ 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



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:



Energy Label A+++: Energy efficiency class A+++ guarantees the lowest power consumption and the highest efficiency!



Hybrid inverter control: Smooth capacity regulation.



Rotary compressor: Reliability and high efficiency.



R32: Used refrigerant: R32.



Auto diagnostic: Check of system for flawless operation.

