TOSHIBA

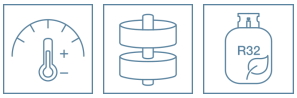
HIGHLY EFFICIENT ENDURANCE RUNNER

Super Digital Inverter R32

Symbol photo

Highlights

Highly efficient, compact & quiet
Wide operating temperature range
Twin-rotary compressor



Super Digital Inverter outdoor unit with refrigerant R32 for cooling or heating with a wide performance spectrum. Available in five capacities from 5.3 to 14.0 kW.

Performance

- Suitable for 24/7 continual operation
- Very good energy efficiency values (up to A+++)
- SEER values up to 9.40 possible depending on the combination
- SCOP values up to 5.52 possible depending on the combination
- Exceptionally high efficiency in the partial load range
- Controls at the lowest, min. capacities
- Corresponds to the ECODESIGN Lot 10 Directive

Flexibility

- Max. pipe lengths up to 75 m
- Max. height differences up to 30 m
- Wide operating temperature range from -27 to +52 °C
- Optimal ratio of unit capacity to installation surface

Technical details

- Direct current hybrid inverter technology
- Twin-rotary compressor
- Kit available for noise reduction & power limitation
- Energy monitoring for single-phase systems with RBC-AMS55E

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Super Digital Inverter R32

Technical data			RAV-GP1401AT-E
Cooling capacity	kW	❄	12,50
Outdoor temperature operating range (min.-max.)	°C	❄	-15/+52
Heating capacity	kW	☀	14,00
Outdoor temperature operating range (min.-max.)	°C	☀	-27/+15
Sound pressure level (low/med/high)	dB(A)	❄	50
Sound pressure level (low/med/high)	dB(A)	☀	51
Sound pressure level (night operation, @ 1m)	dB(A)	❄	45/46
Sound power level	dB(A)	❄	67
Sound power level	dB(A)	☀	68
Suction gas pipe diameter	mm (inch)		15,9 (5/8)
Liquid pipe diameter	mm (inch)		9,5 (3/8)
Pipe length (min.)	m		5
Pipe length (max.)	m		75
Height difference (max.)	m		30
Airflow	m^3/h		6960
Power supply	V/Ph+N/Hz		220-240/1+N/50
Recommended fusing	A		25
Current consumption (nom.)	A		15,4
Current consumption (max.)	A		22,80
Recommended power supply line type			H07RN-F 3G4,0
Communication line			H07RN-F 4G1,5
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		3,10
Pre-charged up to	m		30
Added refrigerant charge	g/m		35
Dimensions (HxWxD)	mm		1550 x 1010 x 370
Weight	kg		104

❄ Cooling ☀ Heating

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

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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.