TOSHIBA

HIGHLY EFFICIENT ENDURANCE RUNNER

Super Digital Inverter R32



Highlights

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

R32

Super Digital Inverter outdoor unit with refrigerant R32 for cooling or heating with a wide performance spectrum. Available in five capacities from 5 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-GP1401AT8-E1
Cooling capacity	kW	❄	12,50
Cooling range (min.-max.)	kW	❄	2,60 - 14,00
Power consumption (min./nom./max.)	kW	❄	0,66/3,42/3,60
Energy efficiency EER	W/W	❄	3,65
Energy efficiency SEER		❄	7,01
Outdoor temperature operating range (min.-max.)	°C	❄	-15/+46
Heating capacity	kW	☀	14,00
Heating range (min.-max.)	kW	☀	2,40 - 18,00
Power consumption (min./nom./max.)	kW	☀	0,53/3,41/5,50
Energy efficiency COP	W/W	☀	4,11
Energy efficiency SCOP		☀	4,36
Outdoor temperature operating range (min.-max.)	°C	☀	-20/+15
Sound power level	dB(A)	❄	68
Sound power level	dB(A)	☀	69
Sound pressure level (low/med/high)	dB(A)	❄	51
Sound pressure level (low/med/high)	dB(A)	☀	52
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		6180
Power supply	V/Ph+N/Hz		380-415/3+N/50
Recommended fusing	A		3x 16
Running current	A	❄	5,52 - 6,03
Running current	A	☀	5,47 - 5,97
Current consumption (nom.)	A		3x 6,50
Current consumption (max.)	A		3x 16,40
Recommended power supply line type			H07RN-F 5G2,5
Communication line			H07RN-F 4G1,5
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		2,60
Pre-charged up to	m		30
Added refrigerant charge	g/m		40
Dimensions (HxWxD)	mm		1340 x 900 x 320
Weight	kg		95

❄ 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:



R32: Used refrigerant: R32.