

TOSHIBA

BASIC-LINE WORKHORSE

Digital Inverter CLASSIC R32



Highlights

Economy RAV Inverter - 100% TOSHIBA
Compact, light & quiet
Twin-rotary compressor



Digital Inverter CLASSIC outdoor unit for RAV single-room systems with refrigerant R32 for cooling or heating with a wide performance spectrum. Available in five capacity levels from 5.0 to 13.0 kW. For 1:1 combination with 4-way Standard Cassettes, Standard Duct units or Highwall units of the RAV-HM (SL) series.



Performance

- Suitable for 24/7 continual operation
- High energy efficiency (up to A++)
- SEER values up to 6.2 possible depending on the combination
- SCOP values up to 4.2 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. piping length 30 m for all units
- Max. height differences up to 30 m
- Flexible control options
- Wide operating temperature range from -15 to +46 °C



Technical details

- Direct current hybrid inverter technology
- All units 1-phase, 230 V available
- Capacity sizes of 10, 12, 13 kW alternative 3-phase, 400V available
- Inspection window simplifies maintenance
- Quiet! Night Operation programmable via wired Remote Control
- Save Operation setting for requirement limitation of 50% to 100%



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Technical data			RAV-GV1601AT8P-E1
Cooling capacity	kW	❄️	13,00
Cooling range (min.-max.)	kW	❄️	3,00 - 16,00
Outdoor temperature operating range (min.-max.)	°C	❄️	-15/+46
Heating capacity	kW	🔥	16,00
Heating range (min.-max.)	kW	🔥	3,00 - 18,00
Outdoor temperature operating range (min.-max.)	°C	🔥	-15/+15
Capacity code	HP		6
Sound power level	dB(A)	❄️	74
Sound power level	dB(A)	🔥	76
Sound pressure level (low/med/high)	dB(A)	❄️	57
Sound pressure level (low/med/high)	dB(A)	🔥	59
SPL (Lp) Night Operation, Level 1/2/3	dB(A)	❄️	50/54/57
SPL (Lp) Night Operation, Level 1/2/3	dB(A)	🔥	52/56/58
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		30
Height difference (max.)	m		30
Airflow	m³/h		6900
Power supply	V/Ph+N/Hz		380-415/3+N/50
Recommended fusing	A		3x 16
Recommended power supply line type			H07RN-F 5G2,5
Communication line			H07RN-F 4G1,5
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		2,20
Pre-charged up to	m		30
Added refrigerant charge	g/m		35
Dimensions (HxWxD)	mm		890 x 900 x 320
Weight	kg		63

❄️ 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.

