



VERSATILE WORKHORSE

Digital Inverter R32



Highlights

- Compact, light & quiet
- Optimal ratio of power to installation surface
- Twin-rotary compressor

Digital Inverter outdoor unit for RAV single-room systems with refrigerant R32 for cooling or heating with a wide performance spectrum. Available in eight capacity levels from 2.5 to 14.0 kW.



Performance

- Suitable for 24/7 continual operation
- Very good energy efficiency values (up to A+++)
- SEER values up to 6.34 possible depending on the combination
- SCOP values up to 4.60 possible depending on the combination
- Exceptionally high efficiency in the partial load range
- Controls at the lowest, min. capacities
- Corresponds to the ECODSIGN Lot 10 Directive



Flexibility

- Max. pipe lengths up to 50 m
- 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
- Power capacities of 10 & 12 kW; alternative 3-phase, 400V available
- Inspection window simplifies maintenance
- Kit available for noise reduction & power limitation
- Night Operation setting
- Save Operation setting for requirement limitation of 50% to 100%



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Technical data			RAV-GM1601AT8P-E
Cooling capacity	kW	❄️	14,00
Outdoor temperature operating range (min.-max.)	°C	❄️	-15/+46
Heating capacity	kW	🔥	16,00
Outdoor temperature operating range (min.-max.)	°C	🔥	-15/+15
Sound pressure level (low/med/high)	dB(A)	❄️	53
Sound pressure level (low/med/high)	dB(A)	🔥	55
Sound pressure level (night operation, @ 1m)	dB(A)	❄️	48/50
Sound power level	dB(A)	❄️	70
Sound power level	dB(A)	🔥	72
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		50
Height difference (max.)	m		30
Airflow	m ³ /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		2,40
Pre-charged up to	m		30
Dimensions (HxWxD)	mm		1340 x 900 x 320
Weight	kg		94

❄️ Cooling 🔥 Heating

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

