



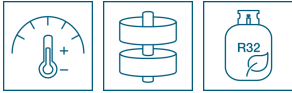
VERSATILE WORKHORSE

## 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 ECODESIGN 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%



## Digital Inverter R32

Technical data			RAV-GM1401AT8P-E
Cooling capacity	kW	❄️	12,00
Outdoor temperature operating range (min.-max.)	°C	❄️	-15/+46
Heating capacity	kW	🔥	14,00
Outdoor temperature operating range (min.-max.)	°C	🔥	-15/+15
Sound pressure level (low/med/high)	dB(A)	❄️	55
Sound pressure level (low/med/high)	dB(A)	🔥	57
Sound pressure level (night operation)	dB(A)	❄️	44/45
Sound power level	dB(A)	❄️	70
Sound power level	dB(A)	🔥	74
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 <sup>3</sup> /h		4200
Power supply	V/Ph+N/Hz		380-415/3N/50
Recommended fusing	A		3 x 16
Current consumption (nom.)	A		6,8
Current consumption (max.)	A		14,1
Recommended power supply line type			H07RN-F 5G1,5
Communication line			H07RN-F 4G1,5
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		2,10
Pre-charged up to	m		30
Added refrigerant charge	g/m		35
Dimensions (HxWxD)	mm		890 x 900 x 320
Weight	kg		69

❄️ 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.

