

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



## Super Digital Inverter R32

Technical data			RAV-GP1401AT-E1
Cooling capacity	kW	❄️	12,50
Cooling range (min.-max.)	kW	❄️	3,10 - 14,00
Power consumption (min./nom./max.)	kW	❄️	0,59/2,91/3,40
Energy efficiency EER	W/W	❄️	4,30
Outdoor temperature operating range (min.-max.)	°C	❄️	-15/+52
Heating capacity	kW	🔥	14,00
Heating range (min.-max.)	kW	🔥	2,06 - 16,50
Power consumption (min./nom./max.)	kW	🔥	0,41/3,04/4,18
Energy efficiency COP	W/W	🔥	4,61
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 power level	dB(A)	❄️	67
Sound power level	dB(A)	🔥	68
Suction gas pipe diameter	mm (inch)		15,9 (5/8)
Pipe length (min.)	m		3
Pipe length (max.)	m		75
Height difference (max.)	m		30
Airflow	m <sup>3</sup> /h		6960
Power supply	V/Ph+N/Hz		220-240/1N/50
Recommended fusing	A		25
Running current	A	❄️	12,76 - 13,92
Running current	A	🔥	13,33 - 14,55
Current consumption (nom.)	A		13,3
Current consumption (max.)	A		20,5
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>

