

HIGHLY EFFICIENT ENDURANCE RUNNER

Super Digital Inverter R32

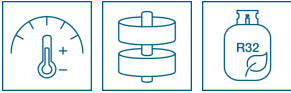


Symbol photo



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 ECODSIGN 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-GP801AT-E |
|---|-------------------|----|-------------------|
| Cooling capacity | kW | ❄️ | 7,10 |
| Outdoor temperature operating range (min.-max.) | °C | ❄️ | -15/+52 |
| Heating capacity | kW | 🔥 | 8,00 |
| Outdoor temperature operating range (min.-max.) | °C | 🔥 | -27/+15 |
| Sound pressure level (low/med/high) | dB(A) | ❄️ | 46 |
| Sound pressure level (low/med/high) | dB(A) | 🔥 | 48 |
| Sound pressure level (night operation) | dB(A) | ❄️ | 41/43 |
| Sound power level | dB(A) | ❄️ | 63 |
| Sound power level | dB(A) | 🔥 | 65 |
| 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 | | 3180 |
| Power supply | V/Ph+N/Hz | | 220-240/1N/50 |
| Recommended fusing | A | | 16 |
| Current consumption (nom.) | A | | 7,6 |
| Current consumption (max.) | A | | 20,7 |
| Recommended power supply line type | | | H07RN-F 3G2,5 |
| Communication line | | | H07RN-F 4G1,5 |
| Compressor type | | | Twin-Rotary |
| Refrigerant | | | R32 |
| Refrigerant charge | kg | | 1,90 |
| Pre-charged up to | m | | 30 |
| Added refrigerant charge | g/m | | 35 |
| Dimensions (HxWxD) | mm | | 1050 x 1010 x 370 |
| Weight | kg | | 74 |

❄️ 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.

