

HIGHLY EFFICIENT ENDURANCE RUNNER

## Super Digital Inverter R32



### Highlights

- Highly efficient, compact & quiet
- Wide operating temperature range
- Twin-rotary compressor



Symbol photo

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-GP561ATW-E  |
|-------------------------------------------------|-----------|----|-----------------|
| Cooling capacity                                | kW        | ❄️ | 5,30            |
| Outdoor temperature operating range (min.-max.) | °C        | ❄️ | -15/+52         |
| Heating capacity                                | kW        | 🔥  | 5,60            |
| 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, @ 1m)    | dB(A)     | ❄️ | 41/43           |
| Sound power level                               | dB(A)     | ❄️ | 63              |
| Sound power level                               | dB(A)     | 🔥  | 65              |
| Suction gas pipe diameter                       | mm (inch) |    | 12,7 (½)        |
| Liquid pipe diameter                            | mm (inch) |    | 6,3 (¼)         |
| Pipe length (min.)                              | m         |    | 5               |
| Pipe length (max.)                              | m         |    | 50              |
| Height difference (max.)                        | m         |    | 30              |
| Airflow                                         | m³/h      |    | 2250            |
| Power supply                                    | V/Ph+N/Hz |    | 220-240/1+N/50  |
| Recommended fusing                              | A         |    | 16              |
| Current consumption (nom.)                      | A         |    | 7,1             |
| Current consumption (max.)                      | A         |    | 13,10           |
| Recommended power supply line type              |           |    | H07RN-F 3G2,5   |
| Communication line                              |           |    | H07RN-F 4G1,5   |
| Compressor type                                 |           |    | Twin-Rotary     |
| Refrigerant                                     |           |    | R32             |
| Refrigerant charge                              | kg        |    | 1,35            |
| Pre-charged up to                               | m         |    | 20              |
| Added refrigerant charge                        | g/m       |    | 20              |
| Dimensions (HxWxD)                              | mm        |    | 630 x 799 x 299 |
| Weight                                          | kg        |    | 45              |

❄️ Cooling 🔥 Heating

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

