



PERFECT AMBIANCE

Ceiling unit R32/R410A



Highlights

- Attractive design
- Low noise level
- Optimal air distribution in cooling & heating mode



Under-ceiling unit for RAV single-room systems for combination with Digital Inverter, Super Digital Inverter, and BIG Digital Inverter outdoor units for refrigerant R32 or R410A. Elegant design with rounded edges and a large air control fin for optimal air circulation. Available in five power levels from 3.6 to 12.5 kW.



Performance

- Extremely high energy efficiency (up to A+++)
- Optimal temperature distribution right down to the floor in heating mode
- High-performance heat exchanger
- Self-cleaning function
- Low-noise 3-stage fan
- Quiet function
- Auto diagnostic system



Flexibility

- Compatible with R32 or R410A outdoor units
- Optimal air distribution, even in high spaces
- Easy-to-remove, washable dust filters
- Additional TCB-PCUC2E board available for external analog & digital control
- Optional WiFi control via smartphone, tablet, or PC



Technical details

- Easy installation via removable suspension fixtures
- Optional TCB-DP31CE drain pump available
- Receiver for infrared remote control can be integrated
- Can be combined with all cable remote controls
- Can be integrated into VRF control systems via a TCC link
- Automatic restart setting after power outage
- Optional redundancy box available



Ceiling unit R32/R410A / SET

| Indoor unit | RAV-RM1101CTP-E | | |
|---|-----------------|----|----------------|
| Outdoor unit | RAV-GM1101ATP-E | | |
| Cooling capacity | kW | ❄️ | 9,50 |
| Cooling range (min.-max.) | kW | ❄️ | 3,00 - 11,20 |
| Power consumption (min./nom./max.) | kW | ❄️ | 0,60/2,95/4,10 |
| Energy efficiency EER | W/W | ❄️ | 3,22 |
| Energy efficiency SEER | | ❄️ | 5,86 |
| Energy efficiency class | | ❄️ | A+ |
| Annual electricity consumption | kWh/a | ❄️ | 604 |
| Outdoor temperature operating range (min.-max.) | °C | ❄️ | -15 / +46 |
| Heating capacity | kW | 🔥 | 11,20 |
| Heating range (min.-max.) | kW | 🔥 | 3,00 - 13,00 |
| Power consumption (min./nom./max.) | kW | 🔥 | 0,60/2,94/4,10 |
| Energy efficiency COP | W/W | 🔥 | 3,81 |
| Energy efficiency SCOP | | 🔥 | 4,27 |
| Energy efficiency class | | 🔥 | A+ |
| Annual electricity consumption | kWh/a | 🔥 | 2489 |
| Outdoor temperature operating range (min.-max.) | °C | 🔥 | -15 / +15 |

| Indoor unit | RAV-RM1101CTP-E | | |
|-------------------------------------|-------------------|----|------------------|
| Sound pressure level (low/med/high) | dB(A) | ❄️ | 32/38/44 |
| Sound pressure level (low/med/high) | dB(A) | 🔥 | 32/38/44 |
| Sound power level | dB(A) | ❄️ | 47/53/59 |
| Sound power level | dB(A) | 🔥 | 47/53/59 |
| Airflow | m ³ /h | | 1020/1350/1860 |
| Condensate pipe diameter | mm | | VP20 |
| Dimensions (HxWxD) | mm | | 235 x 1586 x 690 |
| Weight | kg | | 37 |

❄️ Cooling 🔥 Heating



Ceiling unit R32/R410A / SET

| Outdoor unit | | | RAV-GM1101ATP-E |
|-------------------------------------|-------------------|----|-----------------|
| Power supply | V/Ph+N/Hz | | 220-240/1/50 |
| Recommended fusing | A | | 25 |
| Communication line | | | H07RN-F 4G1,5 |
| Running current | A | ❄️ | 13,10 - 14,30 |
| Running current | A | 🔥 | 13,00 - 14,20 |
| Current consumption (nom.) | A | | 13,10 |
| Current consumption (max.) | A | | 22,8 |
| Sound pressure level (low/med/high) | dB(A) | ❄️ | 54 |
| Sound pressure level (low/med/high) | dB(A) | 🔥 | 57 |
| Sound power level | dB(A) | ❄️ | 70 |
| Sound power level | dB(A) | 🔥 | 74 |
| Suction gas pipe diameter | mm (inch) | | 15,9 (3/4) |
| 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 | | 4080 |
| Compressor type | | | Twin-Rotary |
| Refrigerant | | | R32 |
| Refrigerant charge | kg | | 2,1 |
| Pre-charged up to | m | | 30 |
| Added refrigerant charge | g/m | | 40 |
| Dimensions (HxWxD) | mm | | 890 x 900 x 320 |
| Weight | kg | | 68 |

❄️ Cooling 🔥 Heating

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

Accessories

Description



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.



R32: Used refrigerant: R32.



Dust filter: Washable filter against coarse contamination.



Automatic Restart: After a power blackout.



Twin rotary compressor: Long-lasting, smoothly running and highest efficiency.



Wifi ready: WiFi adapter optional.



Self-cleaning function: Usage of condensate water for cleaning.

