



## 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-RM401CTP-E |    |                |
|---|----------------|----|----------------|
| Outdoor unit                                    | RAV-GM401ATP-E |    |                |
| Cooling capacity                                | kW             | ❄️ | 3,60           |
| Cooling range (min.-max.)                       | kW             | ❄️ | 0,90 - 4,00    |
| Power consumption (min./nom./max.)              | kW             | ❄️ | 0,18/0,83/2,00 |
| Energy efficiency EER                           | W/W            | ❄️ | 4,34           |
| Energy efficiency SEER                          |                | ❄️ | 6,34           |
| Energy efficiency class                         |                | ❄️ | A++            |
| Annual electricity consumption                  | kWh/a          | ❄️ | 211            |
| Outdoor temperature operating range (min.-max.) | °C             | ❄️ | -15 / +46      |
| Heating capacity                                | kW             | 🔥  | 4,00           |
| Heating range (min.-max.)                       | kW             | 🔥  | 0,80 - 5,00    |
| Power consumption (min./nom./max.)              | kW             | 🔥  | 0,14/0,78/1,70 |
| Energy efficiency COP                           | W/W            | 🔥  | 5,13           |
| Energy efficiency SCOP                          |                | 🔥  | 5,10           |
| Energy efficiency class                         |                | 🔥  | A+++           |
| Annual electricity consumption                  | kWh/a          | 🔥  | 1125           |
| Outdoor temperature operating range (min.-max.) | °C             | 🔥  | -15 / +15      |

| Indoor unit                         | RAV-RM401CTP-E    |    |                 |
|-------------------------------------|-------------------|----|-----------------|
| Sound pressure level (low/med/high) | dB(A)             | ❄️ | 28/35/37        |
| Sound pressure level (low/med/high) | dB(A)             | 🔥  | 28/35/37        |
| Sound power level                   | dB(A)             | ❄️ | 43/50/52        |
| Sound power level                   | dB(A)             | 🔥  | 43/50/52        |
| Airflow                             | m <sup>3</sup> /h |    | 540/720/900     |
| Condensate pipe diameter            | mm                |    | VP20            |
| Dimensions (HxWxD)                  | mm                |    | 235 x 952 x 690 |
| Weight                              | kg                |    | 23              |

❄️ Cooling 🔥 Heating



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| Outdoor unit                        |                   |    | RAV-GM401ATP-E  |
|-------------------------------------|-------------------|----|-----------------|
| Power supply                        | V/Ph+N/Hz         |    | 220-240/1/50    |
| Recommended fusing                  | A                 |    | 10              |
| Communication line                  |                   |    | H07RN-F 4G1,5   |
| Running current                     | A                 | ❄️ | 3,75 - 4,10     |
| Running current                     | A                 | 🔥  | 3,50 - 3,82     |
| Current consumption (nom.)          | A                 |    | 3,75            |
| Current consumption (max.)          | A                 |    | 9,15            |
| Sound pressure level (low/med/high) | dB(A)             | ❄️ | 49              |
| Sound pressure level (low/med/high) | dB(A)             | 🔥  | 50              |
| Sound power level                   | dB(A)             | ❄️ | 64              |
| Sound power level                   | dB(A)             | 🔥  | 65              |
| Suction gas pipe diameter           | mm (inch)         |    | 12,7 (1/2)      |
| Liquid pipe diameter                | mm (inch)         |    | 6,4 (1/4)       |
| Pipe length (min.)                  | m                 |    | 2               |
| Pipe length (max.)                  | m                 |    | 20              |
| Height difference (max.)            | m                 |    | 10              |
| Airflow                             | m <sup>3</sup> /h |    | 2200            |
| Compressor type                     |                   |    | Twin-Rotary     |
| Refrigerant                         |                   |    | R32             |
| Refrigerant charge                  | kg                |    | 0,9             |
| Pre-charged up to                   | m                 |    | 15              |
| Added refrigerant charge            | g/m               |    | 20              |
| Dimensions (HxWxD)                  | mm                |    | 550 x 780 x 290 |
| Weight                              | kg                |    | 34              |

❄️ 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.

