

SPACE-SAVING – FOR ANY ROOM

## Floor unit



### Highlights

- Perfect air circulation
- Plug & Play with integrated comfort remote control
- Integrated leak detection system



Floor standing 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. Provides optimum air circulation while taking up minimal installation space. Available in five power levels from 5.0 to 14.0 kW.



### Performance

- High energy efficiency (up to A++)
- Energy monitoring with Super Digital Inverter outdoor units
- 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 large spaces
- Easy-to-remove, washable dust filters
- Additional TCB-PCUC2E board available for external analog & digital control
- RBC-AMS55E-ES comfort remote control integrated



### Technical Details

- Integrated leak detection system simplifies EN378 conformance
- Can be combined with all wired remote controls
- Can be integrated into VRF control systems via a TCC link
- Automatic restart after power blackout
- Optional redundancy box available



## Floor unit / SET

| Indoor unit                                     |     |    | RAV-RM1101FT-ES  |
|-------------------------------------------------|-----|----|------------------|
| Outdoor unit                                    |     |    | RAV-GM1101AT8P-E |
| Cooling capacity                                | kW  | ❄️ | 9,50             |
| Cooling range (min.-max.)                       | kW  | ❄️ | 3,00 - 11,20     |
| Power consumption (min./nom./max.)              | kW  | ❄️ | - /3,06/ -       |
| Energy efficiency EER                           | W/W | ❄️ | 3,10             |
| Energy efficiency SEER                          |     | ❄️ | 5,16             |
| Energy efficiency class                         |     | ❄️ | A                |
| 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  | 🔥  | - /3,19/ -       |
| Energy efficiency COP                           | W/W | 🔥  | 3,51             |
| Energy efficiency SCOP                          |     | 🔥  | 3,92             |
| Energy efficiency class                         |     | 🔥  | A                |
| Outdoor temperature operating range (min.-max.) | °C  | 🔥  | -15 / +15        |

| Indoor unit                         |       |    | RAV-RM1101FT-ES  |
|-------------------------------------|-------|----|------------------|
| Sound pressure level (low/med/high) | dB(A) | ❄️ | 41/46/51         |
| Sound pressure level (low/med/high) | dB(A) | 🔥  | 41/46/51         |
| Sound power level                   | dB(A) | ❄️ | 55/61/65         |
| Sound power level                   | dB(A) | 🔥  | 55/61/65         |
| Airflow                             | m³/h  |    | 1190/1660        |
| Condensate pipe diameter            | mm    |    | VP16             |
| Dimensions (HxWxD)                  | mm    |    | 1750 x 600 x 390 |
| Weight                              | kg    |    | 59               |

❄️ Cooling 🔥 Heating



## Floor unit / SET

| Outdoor unit                        |           |    | RAV-GM1101AT8P-E |
|-------------------------------------|-----------|----|------------------|
| Power supply                        | V/Ph+N/Hz |    | 380-415/3+N/50   |
| Recommended fusing                  | A         |    | 3x 16            |
| Communication line                  |           |    | H07RN-F 4G1,5    |
| Current consumption (max.)          | A         |    | 14,1             |
| 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                             | m³/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.



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



**R32:** Used refrigerant: R32.



**Dust filter:** Washable filter against coarse contamination.



**Auto Mode:** Automatic selection between cooling and heating.



**Auto diagnostic:** Check of system for flawless operation.



**Eco Mode:** Energy saving function.



**Timer:** Individual programming of on-/off times.



**Week Timer:** Up to four settings per day and seven per week.



**Automatic Restart:** After a power blackout.



**8°C Antifreeze Protection:** Protects unoccupied rooms.

