



THE HIGH-EFFICIENCY 360° CLASSIC

SMART cassette R32

Highlights

Outstanding efficiency
Customizable air distribution features
External fresh air supply possible
Occupancy-sensor option

Highly efficient 4-way cassette for RAV single-room systems for combination exclusively with Super Digital Inverter outdoor units for refrigerant R32. Individual comfort, even for large spaces with high capacity requirements. Available in four capacity sizes from 5.0 to 12.5 kW.

Performance

- Extremely high energy efficiency (up to A+++)
- SEER values up to 9.40
- High-performance heat exchanger
- Self-cleaning function
- Low-noise 5-stage fan
- Individual louver function
- 360° airflow
- Motion sensor option
- Auto diagnostic system

Flexibility

- Optimal air distribution up to room height of 4.5 m
- Easy-to-remove, washable dust filter
- Additional TCB-PCUC2E board available for external analog & digital control
- Optional WiFi control via smartphone, tablet, or PC

Technical details

- External fresh air supply possible up to 15% of the nominal airflow
- Integrated drain pump with discharge head up to 85 cm
- 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



SMART cassette R32 / SET

| Indoor unit | | | RAV-GM801UT-E |
|---|-------|----|----------------|
| Outdoor unit | | | RAV-GP801AT-E |
| Cooling capacity | kW | ❄️ | 7,10 |
| Cooling range (min.-max.) | kW | ❄️ | 1,90 - 8,00 |
| Power consumption (min./nom./max.) | kW | ❄️ | 0,26/1,37/2,94 |
| Energy efficiency EER | W/W | ❄️ | 5,18 |
| Energy efficiency SEER | | ❄️ | 9,40 |
| Energy efficiency class | | ❄️ | A+++ |
| Annual electricity consumption | kWh/a | ❄️ | 1294 |
| Outdoor temperature operating range (min.-max.) | °C | ❄️ | -15 / +52 |
| Heating capacity | kW | 🔥 | 8,00 |
| Heating range (min.-max.) | kW | 🔥 | 1,30 - 11,30 |
| Power consumption (min./nom./max.) | kW | 🔥 | 0,20/1,45/3,15 |
| Energy efficiency COP | W/W | 🔥 | 5,52 |
| Energy efficiency SCOP | | 🔥 | 5,51 |
| Energy efficiency class | | 🔥 | A+++ |
| Annual electricity consumption | kWh/a | 🔥 | 1294 |
| Outdoor temperature operating range (min.-max.) | °C | 🔥 | -27 / +15 |

| Indoor unit | | | RAV-GM801UT-E |
|-------------------------------------|-------|----|-----------------|
| Sound pressure level (low/med/high) | dB(A) | ❄️ | 27/35/42 |
| Sound pressure level (low/med/high) | dB(A) | 🔥 | 27/35/42 |
| Sound power level | dB(A) | ❄️ | 43/49/56 |
| Sound power level | dB(A) | 🔥 | 43/49/56 |
| Airflow | m³/h | | 810/1290/1920 |
| Condensate pipe diameter | mm | | VP20 |
| Dimensions (HxWxD) | mm | | 319 × 840 × 840 |
| Weight | kg | | 25 |
| Panel dimensions (HxWxD) | mm | | 30 × 950 × 950 |
| Panel weight | kg | | 5 |

❄️ Cooling 🔥 Heating



SMART cassette R32 / SET

| Outdoor unit | | | RAV-GP801AT-E |
|-------------------------------------|-----------|----|-------------------|
| Power supply | V/Ph+N/Hz | | 220-240/1+N/50 |
| Recommended fusing | A | | 20 |
| Communication line | | | H07RN-F 4G1,5 |
| Running current | A | ❄️ | 6,14 - 6,70 |
| Running current | A | 🔥 | 6,43 - 7,01 |
| Current consumption (nom.) | A | | 6,14 |
| Current consumption (max.) | A | | 20,3 |
| Sound pressure level (low/med/high) | dB(A) | ❄️ | 46 |
| Sound pressure level (low/med/high) | dB(A) | 🔥 | 48 |
| 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 | m³/h | | 3180 |
| 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>

| Accessories | Description |
|----------------|---|
| RBC-U41PG(W)-E | Panel for smart cassette |
| RBC-AMT32E | Standard Wired Remote Control |
| RBC-AX41U(W)-E | Infrared remote control + receiver kit for installation in smart cassette |
| TCB-SIR41U-E | Occupancy sensor kit for installation in smart cassette |
| TCB-GFC1603UE | Fresh air filter |
| TCB-SP1603UE | Spacer frame for lowering the panel by 70 mm |
| TCB-BC1603UE | Air discharge direction kit for blocking of up to three discharge sides |
| TCB-FF101URE2 | Spigot flange for fresh air connection Ø 100 mm |
| TCB-PCUC2E | Control board for external control, alarms and messages |

