



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-GM1401UT-E
Outdoor unit			RAV-GP1401AT-E1
Cooling capacity	kW	❄️	12,50
Cooling range (min.-max.)	kW	❄️	3,10 - 14,00
Power consumption (min./nom./max.)	kW	❄️	0,56/2,91/3,40
Energy efficiency EER	W/W	❄️	4,30
Energy efficiency SEER		❄️	8,30
Energy efficiency class		❄️	n/a
Annual electricity consumption	kWh/a	❄️	2702
Outdoor temperature operating range (min.-max.)	°C	❄️	-15 / +52
Heating capacity	kW	🔥	14,00
Heating range (min.-max.)	kW	🔥	2,60 - 16,50
Power consumption (min./nom./max.)	kW	🔥	0,41/3,04/4,18
Energy efficiency COP	W/W	🔥	4,61
Energy efficiency SCOP		🔥	4,97
Energy efficiency class		🔥	n/a
Annual electricity consumption	kWh/a	🔥	2702
Outdoor temperature operating range (min.-max.)	°C	🔥	-27 / +15

Indoor unit			RAV-GM1401UT-E
Sound pressure level (low/med/high)	dB(A)	❄️	33/41/48
Sound pressure level (low/med/high)	dB(A)	🔥	33/41/48
Sound power level	dB(A)	❄️	48/55/61
Sound power level	dB(A)	🔥	48/55/61
Airflow	m³/h		1170/1710/2250
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-GP1401AT-E1
Power supply	V/Ph+N/Hz		220-240/1+N/50
Recommended fusing	A		25
Communication line			H07RN-F 4G1,5
Running current	A	❄️	12,76 - 13,92
Running current	A	🔥	13,33 - 14,55
Current consumption (nom.)	A		12,76
Current consumption (max.)	A		20,5
Sound pressure level (low/med/high)	dB(A)	❄️	50
Sound pressure level (low/med/high)	dB(A)	🔥	51
Sound power level	dB(A)	❄️	67
Sound power level	dB(A)	🔥	68
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		75
Height difference (max.)	m		30
Airflow	m³/h		6960
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		3,10
Pre-charged up to	m		30
Added refrigerant charge	g/m		40
Dimensions (HxWxD)	mm		1550 x 1010 x 370
Weight	kg		104

❄️ 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-AMTU31-E	Standard Wired Remote Control
RBC-AXU41U-E	Infrared remote control + receiver kit for installation in VRF TU2C 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-FF1010URE2	Spigot flange for fresh air connection Ø 100 mm
TCB-PCUC2E	Control board for external control, alarms and messages

