



THE HIGH-EFFICIENCY 360° CLASSIC

SMART cassette R32 →

Highlights

Outstanding efficiency
Customizable air distribution features
External fresh air supply possible
Motion 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 power requirements. Available in four power levels 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

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Technical data			RAV-GM1101UT-E
Cooling capacity	kW	❄️	10,00
Cooling range (min.-max.)	kW	❄️	3,10 - 12,00
Power consumption (min./nom./max.)	kW	❄️	0,56/1,90/2,80
Energy efficiency EER	W/W	❄️	5,26
Energy efficiency SEER		❄️	8,80
Energy efficiency class		❄️	A+++
Heating capacity	kW	🔥	11,20
Heating range (min.-max.)	kW	🔥	2,60 - 13,00
Power consumption (min./nom./max.)	kW	🔥	0,41/2,18/2,98
Energy efficiency COP	W/W	🔥	5,14
Energy efficiency SCOP		🔥	5,00
Energy efficiency class		🔥	A++
Sound pressure level (low/med/high)	dB(A)	❄️	31/40/48
Sound pressure level (low/med/high)	dB(A)	🔥	31/40/48
Sound power level	dB(A)	❄️	46/54/61
Sound power level	dB(A)	🔥	46/54/61
Airflow	m³/h		1050/2250
Condensate pipe diameter	mm		VP25 (25/32)
Suction gas pipe diameter	mm (inch)		15,9 (5/8)
Liquid pipe diameter	mm (inch)		9,5 (3/8)
Communication line			H07RN-F 4G1,5
Refrigerant			R32
Dimensions (HxWxD)	mm		319 x 840 x 840
Weight	kg		25
Panel dimensions (HxWxD)	mm		30 x 950 x 950
Panel weight	kg		5

❄️ Cooling 🔥 Heating

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



Energy Label: Energy label **A+ to A+++**, indicates the power consumption and energy efficiency class.



ErP Ecodesign: All criteria of **ECODESIGN**-guideline are fulfilled and confirm highest system efficiency.



Hybrid inverter control: Smooth capacity regulation.



Rotary compressor: Reliability and high efficiency.



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



R410A: Used refrigerant: R410A.



R32: Used refrigerant: R32.



Wifi ready: Optional control of the system via a smartphone.



KNX: Optional KNX bus connection.



Dust filter: Washable filter against coarse contamination.



IAQ filter: Fine mesh filter with natural substances.



Active carbon-catechin filter: Cleansing filter with enzymes from green tea.



Plasma filter: Pure Mode: Electrostatic filter system.



Air ionizer: Negative ions cover polluted particles in the air. Dust, pollen and smoke are neutralized.



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



Auto Mode: Automatic selection between cooling and heating.



HI POWER: Particularly strong airflow for quickly reaching the requested temperature.



Auto diagnostic: Check of system for flawless operation.



Eco Mode: Energy saving function.



Quiet Mode: Particularly low noise level - whispering mode.



Comfort Sleep: Gradual increase of temperature by 2 °C until morning.



Power Selection: Capacity regulation and therefore power savings of up to 25, 50 or 75%.



Floor Mode: Natural floor warming effect for greater comfort.



Preset Mode: Activates individual settings at the touch of a button.



One Touch Mode: Fully automatic operation adapted to your needs.



Timer: Individual programming of on-/off times.



Off Timer: Shutdown of the unit at chosen times (30 min to 12 h).



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



Automatic Restart: After a power blackout.



8 °C frost protection function: Frost protection for uninhabited rooms.



Louver: Flexible setting of louvers.



3D Airflow: 6 different airflow patterns in all directions.