



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

# TOSHIBA

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Technical data			RAV-GM1401UT-E
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
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
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	m <sup>3</sup> /h		1170/2250
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.



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



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



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



**Hybrid inverter control:** Smooth capacity regulation.



**Eco Mode:** Energy saving function.



**Rotary compressor:** Reliability and high efficiency.



**Quiet Mode:** Particularly low noise level - whispering mode.



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



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



**R410A:** Used refrigerant: R410A.



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



**R32:** Used refrigerant: R32.



**Floor Mode:** Natural floor warming effect for greater comfort.



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



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



**KNX:** Optional KNX bus connection.



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



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



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



**IAQ filter:** Fine mesh filter with natural substances.



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



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



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



**Plasma filter: Pure Mode:** Electrostatic filter system.



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



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



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



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



**Louver:** Flexible setting of louvers.



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



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