



PERFECT AMBIANCE

Ceiling unit R32/R410A



Highlights

- Attractive design
- Low noise level
- Optimal air distribution in cooling & heating mode



Under-ceiling 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. Elegant design with rounded edges and a large air control fin for optimal air circulation. Available in five power levels from 3.6 to 12.5 kW.



Performance

- Extremely high energy efficiency (up to A+++)
- Optimal temperature distribution right down to the floor in heating mode
- 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 high spaces
- Easy-to-remove, washable dust filters
- Additional TCB-PCUC2E board available for external analog & digital control
- Optional WiFi control via smartphone, tablet, or PC



Technical details

- Easy installation via removable suspension fixtures
- Optional TCB-DP31CE drain pump available
- 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

Ceiling unit R32/R410A

Technical data			RAV-RM1401CTP-E
Cooling capacity	kW	❄️	12,10
Cooling range (min.-max.)	kW	❄️	3,00 - 13,20
Power consumption (min./nom./max.)	kW	❄️	0,60/4,42/4,71
Energy efficiency EER	W/W	❄️	2,74
Energy efficiency SEER		❄️	5,36
Heating capacity	kW	🔥	12,80
Heating range (min.-max.)	kW	🔥	3,00 - 16,00
Power consumption (min./nom./max.)	kW	🔥	0,60/3,43/4,60
Energy efficiency COP	W/W	🔥	3,73
Energy efficiency SCOP		🔥	4,19
Sound pressure level (low/med/high)	dB(A)	❄️	35/41/46
Sound pressure level (low/med/high)	dB(A)	🔥	35/41/46
Sound power level	dB(A)	❄️	50/56/61
Sound power level	dB(A)	🔥	50/56/61
Airflow	m ³ /h		1200/2040
Condensate pipe diameter	mm		VP20 (20/26)
Suction gas pipe diameter	mm (inch)		15,9 (5/8)
Liquid pipe diameter	mm (inch)		9,5 (3/8)
Refrigerant			R32/R410A
Dimensions (HxWxD)	mm		235 x 1586 x 690
Weight	kg		37

❄️ 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.