



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



Ceiling unit R32/R410A / SET

Indoor unit			RAV-RM1401CTP-E
Outdoor unit			RAV-GP1401AT-E
Cooling capacity	kW	❄	12,50
Cooling range (min.-max.)	kW	❄	3,10 - 14,00
Power consumption (min./nom./max.)	kW	❄	0,55/3,58/3,97
Energy efficiency EER	W/W	❄	3,49
Energy efficiency SEER		❄	7,58
Annual electricity consumption	kWh/a	❄	989
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	☀	0,41/3,59/4,40
Energy efficiency COP	W/W	☀	3,90
Energy efficiency SCOP		☀	4,71
Annual electricity consumption	kWh/a	☀	2852
Outdoor temperature operating range (min.-max.)	°C	☀	-27 / +15

Indoor unit			RAV-RM1401CTP-E
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		1200/1530/2040
Condensate pipe diameter	mm		VP20
Dimensions (HxWxD)	mm		235 x 1586 x 690
Weight	kg		35

❄ Cooling ☀ Heating



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Outdoor unit			RAV-GP1401AT-E
Power supply	V/Ph+N/Hz		220-240/1/50
Recommended fusing	A		25
Running current	A	❄️	15,70 - 17,13
Running current	A	🔥	15,75 - 17,18
Current consumption (nom.)	A		15,70
Current consumption (max.)	A		21,6
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



In order to make it easier for you to select the optimal product, you can find the description of the special TOSHIBA product functions for your model here: In order to make it easier for you to select the optimal product, you can find the description of the special TOSHIBA product functions for your model here:



Hybrid inverter control: Smooth capacity regulation.



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



R32: Used refrigerant: R32.



Wifi ready: WiFi adapter optional.



Dust filter: Washable filter against coarse contamination.



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



Automatic Restart: After a power blackout.

