



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-GM1401AT8P-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
Outdoor temperature operating range (min.-max.)	°C	❄️	-15 / +46
Heating capacity	kW	🔥	13,00
Heating range (min.-max.)	kW	🔥	3,00 - 16,00
Power consumption (min./nom./max.)	kW	🔥	0,60/3,48/4,60
Energy efficiency COP	W/W	🔥	3,74
Energy efficiency SCOP		🔥	4,19
Outdoor temperature operating range (min.-max.)	°C	🔥	-15 / +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		37

❄️ Cooling 🔥 Heating



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Outdoor unit			RAV-GM1401AT8P-E
Power supply	V/Ph+N/Hz		380-415/3+N/50
Recommended fusing	A		3x 16
Communication line			H07RN-F 4G1,5
Running current	A	❄️	6,55 - 7,15
Running current	A	🔥	5,15 - 5,65
Current consumption (nom.)	A		6,55
Current consumption (max.)	A		14,1
Sound pressure level (low/med/high)	dB(A)	❄️	55
Sound pressure level (low/med/high)	dB(A)	🔥	57
Sound power level	dB(A)	❄️	70
Sound power level	dB(A)	🔥	74
Suction gas pipe diameter	mm (inch)		15,9 (5/8)
Liquid pipe diameter	mm (inch)		9,5 (3/8)
Pipe length (min.)	m		5
Pipe length (max.)	m		50
Height difference (max.)	m		30
Airflow	m ³ /h		4200
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		2,1
Pre-charged up to	m		30
Added refrigerant charge	g/m		40
Dimensions (HxWxD)	mm		890 x 900 x 320
Weight	kg		69

❄️ 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:



Hybrid inverter control: Smooth capacity regulation.



R32: Used refrigerant: R32.



Dust filter: Washable filter against coarse contamination.



Automatic Restart: After a power blackout.



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



Wifi ready: WiFi adapter optional.



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

