



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-GP1401AT8-E		
Cooling capacity	kW	❄️	12,50
Cooling range (min.-max.)	kW	❄️	2,60 - 14,00
Power consumption (min./nom./max.)	kW	❄️	0,66/3,68/4,85
Energy efficiency EER	W/W	❄️	3,40
Energy efficiency SEER		❄️	6,30
Annual electricity consumption	kWh/a	❄️	1190
Outdoor temperature operating range (min.-max.)	°C	❄️	-15 / +46
Heating capacity	kW	🔥	14,00
Heating range (min.-max.)	kW	🔥	2,40 - 18,00
Power consumption (min./nom./max.)	kW	🔥	0,53/3,48/5,95
Energy efficiency COP	W/W	🔥	4,02
Energy efficiency SCOP		🔥	4,20
Annual electricity consumption	kWh/a	🔥	3931
Outdoor temperature operating range (min.-max.)	°C	🔥	-20/ +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



Ceiling unit R32/R410A / SET

Outdoor unit			RAV-GP1401AT8-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	❄️	5,95 - 6,50
Running current	A	🔥	5,69 - 6,22
Current consumption (nom.)	A		6,20
Current consumption (max.)	A		15,9
Sound pressure level (low/med/high)	dB(A)	❄️	51
Sound pressure level (low/med/high)	dB(A)	🔥	52
Sound power level	dB(A)	❄️	68
Sound power level	dB(A)	🔥	69
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		75
Height difference (max.)	m		30
Airflow	m ³ /h		6180
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		2,6
Pre-charged up to	m		30
Added refrigerant charge	g/m		40
Dimensions (HxWxD)	mm		1340 x 900 x 320
Weight	kg		95

❄️ Cooling 🔥 Heating

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

Accessories	Description
RBC-AMT32E	Standard Wired Remote Control
RBC-AX33CE	Infrared remote control + receiver kit for installation in ceiling unit
TCB-DP31CE	Drain pump, discharge head 600 mm, measured from lower edge of unit
TCB-KP13CE	Elbow-kit (required for drain pump), RAV: Sizes 4 + 5 / VRF: Sizes 15 + 18
TCB-KP23CE	Elbow-kit (required for drain pump), RAV: Sizes 8 + 16 / VRF: Sizes 24 to 56
TCB-PCUC2E	Control board for external control, alarms and messages
TCB-FF101URE2	Spigot flange for fresh air connection Ø 100 mm

