



## 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-RM1101CTP-E		
Outdoor unit	RAV-GP1101AT-E		
Cooling capacity	kW	❄️	10,00
Cooling range (min.-max.)	kW	❄️	3,10 - 12,00
Power consumption (min./nom./max.)	kW	❄️	0,55/2,23/3,45
Energy efficiency EER	W/W	❄️	4,48
Energy efficiency SEER		❄️	8,23
Energy efficiency class		❄️	A++
Annual electricity consumption	kWh/a	❄️	425
Outdoor temperature operating range (min.-max.)	°C	❄️	-15 / +52
Heating capacity	kW	🔥	11,20
Heating range (min.-max.)	kW	🔥	2,60 - 13,00
Power consumption (min./nom./max.)	kW	🔥	0,41/2,38/3,09
Energy efficiency COP	W/W	🔥	4,71
Energy efficiency SCOP		🔥	4,72
Energy efficiency class		🔥	A++
Annual electricity consumption	kWh/a	🔥	2726
Outdoor temperature operating range (min.-max.)	°C	🔥	-27 / +15

Indoor unit	RAV-RM1101CTP-E		
Sound pressure level (low/med/high)	dB(A)	❄️	32/38/44
Sound pressure level (low/med/high)	dB(A)	🔥	32/38/44
Sound power level	dB(A)	❄️	47/53/59
Sound power level	dB(A)	🔥	47/53/59
Airflow	m <sup>3</sup> /h		1020/1350/1860
Condensate pipe diameter	mm		VP20
Dimensions (HxWxD)	mm		235 x 1586 x 690
Weight	kg		35

❄️ Cooling 🔥 Heating



## Ceiling unit R32/R410A / SET

Outdoor unit			RAV-GP1101AT-E
Power supply	V/Ph+N/Hz		220-240/1/50
Recommended fusing	A		25
Communication line			H07RN-F 4G1,5
Running current	A	❄️	9,78 - 10,67
Running current	A	🔥	10,44 - 11,39
Current consumption (nom.)	A		9,78
Current consumption (max.)	A		21,0
Sound pressure level (low/med/high)	dB(A)	❄️	49
Sound pressure level (low/med/high)	dB(A)	🔥	50
Sound power level	dB(A)	❄️	66
Sound power level	dB(A)	🔥	67
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	m <sup>3</sup> /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.

