



FOR CONFINED SPACES

## Slim duct unit R32/R410A



### Highlights

- Compact & slim
- Integrated drain pump
- External fresh air supply possible

Slim duct unit for RAV single-room systems for combination with Digital Inverter and Super Digital Inverter outdoor units for refrigerant R32 or R410A. Ultra-slim design with top energy-efficiency values. Available in three power levels from 2.5 to 5.0 kW.



### Performance

- Extremely high energy efficiency (up to A++)
- Can be integrated unseen into false ceilings
- Self-cleaning function
- Low-noise 3-stage fan
- External static pressure can be set up to 50 Pa
- Auto diagnostic system



### Flexibility

- Compatible with R32 or R410A outdoor units
- Air intake possible from below or behind
- Washable, long-life dust filter
- Optional WiFi control via smartphone, tablet, or PC



### Technical details

- Low overall unit height of only 210 mm
- External fresh air supply possible up to 15% of the nominal airflow
- Integrated drain pump with discharge head up to 85 cm
- External receiver kit for infrared remote control possible
- 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



## Slim duct unit R32/R410A / SET

Indoor unit	RAV-RM301SDT-E		
Outdoor unit	RAV-GM301ATP-E		
Cooling capacity	kW	❄️	2,50
Cooling range (min.-max.)	kW	❄️	0,90 - 3,00
Power consumption (min./nom./max.)	kW	❄️	0,25/0,56/0,82
Energy efficiency EER	W/W	❄️	4,46
Energy efficiency SEER		❄️	6,29
Energy efficiency class		❄️	A++
Annual electricity consumption	kWh/a	❄️	907
Outdoor temperature operating range (min.-max.)	°C	❄️	-15 / +46
Heating capacity	kW	🔥	3,40
Heating range (min.-max.)	kW	🔥	0,80 - 4,50
Power consumption (min./nom./max.)	kW	🔥	0,17/0,86/1,40
Energy efficiency COP	W/W	🔥	3,95
Energy efficiency SCOP		🔥	4,60
Energy efficiency class		🔥	A++
Annual electricity consumption	kWh/a	🔥	907
Outdoor temperature operating range (min.-max.)	°C	🔥	-15 / +15

Indoor unit	RAV-RM301SDT-E		
Sound pressure level (low/med/high)	dB(A)	❄️	33/36/39
Sound pressure level (low/med/high)	dB(A)	🔥	33/36/39
Sound power level	dB(A)	❄️	48/51/54
Sound power level	dB(A)	🔥	48/51/54
Airflow	m <sup>3</sup> /h		480/560/660
External static pressure	Pa		5 - 45
Condensate pipe diameter	mm		VP25
Dimensions (HxWxD)	mm		210 x 845 x 645
Weight	kg		22

❄️ Cooling 🔥 Heating



## Slim duct unit R32/R410A / SET

Outdoor unit			RAV-GM301ATP-E
Power supply	V/Ph+N/Hz		220-240/1+N/50
Recommended fusing	A		10
Communication line			H07RN-F 4G1,5
Current consumption (nom.)	A		2,69
Current consumption (max.)	A		7,85
Sound pressure level (low/med/high)	dB(A)	❄️	46
Sound pressure level (low/med/high)	dB(A)	🔥	47
Sound power level	dB(A)	❄️	61
Sound power level	dB(A)	🔥	62
Suction gas pipe diameter	mm (inch)		9,5 (3/8)
Liquid pipe diameter	mm (inch)		6,4 (1/4)
Pipe length (min.)	m		2
Pipe length (max.)	m		20
Height difference (max.)	m		10
Airflow	m <sup>3</sup> /h		1800
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		0,6
Pre-charged up to	m		15
Added refrigerant charge	g/m		20
Dimensions (HxWxD)	mm		550 x 780 x 290
Weight	kg		29

❄️ 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
TCB-AX32E2	Infrared remote control with external receiver kit for all indoor units
TCB-FF101URE2	Spigot flange for fresh air connection Ø 100 mm

