

SPACE-SAVING – FOR ANY ROOM

Floor unit



Highlights

- Perfect air circulation
- Plug & Play with integrated comfort remote control
- Integrated leak detection system

Floor standing 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. Provides optimum air circulation while taking up minimal installation space. Available in five power levels from 5.0 to 14.0 kW.



Performance

- High energy efficiency (up to A++)
- Energy monitoring with Super Digital Inverter outdoor units
- 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 large spaces
- Easy-to-remove, washable dust filters
- Additional TCB-PCUC2E board available for external analog & digital control
- RBC-AMS55E-ES comfort remote control integrated



Technical Details

- Integrated leak detection system simplifies EN378 conformance
- Can be combined with all wired remote controls
- Can be integrated into VRF control systems via a TCC link
- Automatic restart after power blackout
- Optional redundancy box available



Floor unit / SET

Indoor unit			RAV-RM1401FT-ES
Outdoor unit			RAV-GP1401AT-E1
Cooling capacity	kW	❄️	12,50
Cooling range (min.-max.)	kW	❄️	3,10 - 14,00
Power consumption (min./nom./max.)	kW	❄️	-/3,52/-
Energy efficiency EER	W/W	❄️	3,55
Energy efficiency SEER		❄️	6,10
Energy efficiency class		❄️	n/a
Outdoor temperature operating range (min.-max.)	°C	❄️	-15 / +52
Heating capacity	kW	🔥	11,20
Heating range (min.-max.)	kW	🔥	2,60 - 16,50
Power consumption (min./nom./max.)	kW	🔥	-/3,97/-
Energy efficiency COP	W/W	🔥	3,53
Energy efficiency SCOP		🔥	4,35
Energy efficiency class		🔥	n/a
Outdoor temperature operating range (min.-max.)	°C	🔥	-27 / +15

Indoor unit			RAV-RM1401FT-ES
Sound pressure level (low/med/high)	dB(A)	❄️	45/48/53
Sound pressure level (low/med/high)	dB(A)	🔥	45/48/53
Sound power level	dB(A)	❄️	59/62/67
Sound power level	dB(A)	🔥	59/62/67
Airflow	m³/h		1350/1760
Condensate pipe diameter	mm		VP20
Dimensions (HxWxD)	mm		1750 x 600 x 390
Weight	kg		59

❄️ Cooling 🔥 Heating



Floor unit / SET

Outdoor unit			RAV-GP1401AT-E1
Power supply	V/Ph+N/Hz		220-240/1+N/50
Recommended fusing	A		25
Communication line			H07RN-F 4G1,5
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>

