



THE 360° CLASSIC

Standard cassette R32/R410A



Highlights

Outstanding efficiency
Two panels available for selection
External fresh air supply possible

Four-way standard cassette for RAV single-room systems for combination with Digital Inverter, Super Digital Inverter, and BIG Digital Inverter outdoor units for refrigerant R32 or R410A. Individual comfort, even for large spaces with high power requirements. Available in four power levels from 5.0 to 12.0 kW.



Performance

- Extremely high energy efficiency (up to A+++)
- Exhaust panel available for wide or direct air flow
- High-performance heat exchanger
- Self-cleaning function dries the heat exchanger after operation
- Low-noise 3-stage fan
- Quiet function
- Auto diagnostic system



Flexibility

- Compatible with R32 or R410A outdoor units
- Optimal air distribution up to room height of 4.6 m
- Easy-to-remove, washable dust filter
- Optional WiFi control via smartphone, tablet, or PC



Technical details

- External fresh air supply possible up to 15% of the nominal airflow
- Integrated drain pump with discharge head up to 85 cm
- 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



Standard cassette R32/R410A / SET

Indoor unit			RAV-RM1601UTP-E
Outdoor unit			RAV-GP1601AT8-E
Cooling capacity	kW	❄️	14,00
Cooling range (min.-max.)	kW	❄️	2,60 - 16,00
Power consumption (min./nom./max.)	kW	❄️	0,66/4,34/5,70
Energy efficiency EER	W/W	❄️	3,23
Energy efficiency SEER		❄️	6,72
Energy efficiency class		❄️	n/a
Annual electricity consumption	kWh/a	❄️	1249
Outdoor temperature operating range (min.-max.)	°C	❄️	-15 / +46
Heating capacity	kW	🔥	16,00
Heating range (min.-max.)	kW	🔥	2,40 - 19,00
Power consumption (min./nom./max.)	kW	🔥	0,53/4,28/6,51
Energy efficiency COP	W/W	🔥	3,74
Energy efficiency SCOP		🔥	4,36
Energy efficiency class		🔥	n/a
Annual electricity consumption	kWh/a	🔥	3049
Outdoor temperature operating range (min.-max.)	°C	🔥	-20/ +15

Indoor unit			RAV-RM1601UTP-E
Sound pressure level (low/med/high)	dB(A)	❄️	36/40/45
Sound pressure level (low/med/high)	dB(A)	🔥	36/40/45
Sound power level	dB(A)	❄️	51/55/60
Sound power level	dB(A)	🔥	51/55/60
Airflow	m³/h		1260/1500/2130
Condensate pipe diameter	mm		VP25
Dimensions (HxWxD)	mm		319 × 840 × 840
Weight	kg		24
Panel dimensions (HxWxD)	mm		30 × 950 × 950
Panel weight	kg		4,2

❄️ Cooling 🔥 Heating



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Outdoor unit			RAV-GP1601AT8-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	❄️	6,91 - 7,55
Running current	A	🔥	6,65 - 7,26
Current consumption (nom.)	A		7,20
Current consumption (max.)	A		14,7
Sound pressure level (low/med/high)	dB(A)	❄️	36/40/45
Sound pressure level (low/med/high)	dB(A)	🔥	36/40/45
Sound power level	dB(A)	❄️	51/55/60
Sound power level	dB(A)	🔥	51/55/60
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	m³/h		6180
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		2,60
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-U31PGP(W)-E	Panel for wide airflow (SMMSe)
RBC-U31PGSP(W)-E	Panel for straight airflow (SMMSe)
RBC-AMT32E	Standard Wired Remote Control
RBC-AX32U(W)-E	Infrared remote control + receiver kit for installation in 4-way standard cassette
TCB-FF101URE2	Spigot flange for fresh air connection Ø 100 mm

