TOSHIBA

INVISIBLE CLASSIC

Standard duct unit R32/R410A →

Highlights

Compact dimensions for installation in false ceilings
External static pressure up to 120 Pa
Drain pump installed
External fresh air supply possible

Standard duct 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. Air can be supplied into the room discreetly at the lowest speed via one or more air outlets. Available in four power levels from 5.0 to 12.5 kW.

→ Performance

- 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 120 Pa
- Auto diagnostic system

→ Flexibility

- Compatible with R32 or R410A outdoor units
- A flanged collar connection is available for the exhaust
- 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 275 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

HIGHER quality in LIFE

TOSHIBA

Standard duct unit R32/R410A / SET

Indoor unit			RAV-RM1601BTP-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	❄	0,66/4,49/6,50
Energy efficiency EER	W/W	❄	3,12
Energy efficiency SEER		❄	5,36
Annual electricity consumption	kWh/a	❄	1566
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	☀	0,53/4,57/6,96
Energy efficiency COP	W/W	☀	3,50
Energy efficiency SCOP		☀	3,93
Annual electricity consumption	kWh/a	☀	4271
Outdoor temperature operating range (min.-max.)	°C	☀	-20/ +15

Indoor unit			RAV-RM1601BTP-E
Sound pressure level (low/med/high)	dB(A)	❄	33/36/40
Sound pressure level (low/med/high)	dB(A)	☀	33/36/40
Sound power level	dB(A)	❄	54/58/63
Sound power level	dB(A)	☀	54/58/63
Airflow	m³/h		1500/1740/2100
External static pressure	Pa		30 - 120
Condensate pipe diameter	mm		VP25
Dimensions (HxWxD)	mm		275 x 1400 x 750
Weight	kg		40

❄ Cooling ☀ Heating

TOSHIBA

Standard duct unit R32/R410A / SET

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	❄	7,18 - 7,84
Running current	A	☀	7,11 - 7,76
Current consumption (nom.)	A		7,50
Current consumption (max.)	A		16,9
Sound pressure level (low/med/high)	dB(A)	❄	51
Sound pressure level (low/med/high)	dB(A)	☀	53
Sound power level	dB(A)	❄	68
Sound power level	dB(A)	☀	70
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-AMT32E	Standard Wired Remote Control
TCB-AX32E2	Infrared remote control with external receiver kit for all indoor units
TCB-SF56C6BPE	Connection flange (2 × Ø 200 mm) RAV: Size 5 / VRF: Sizes 5 to 18
TCB-SF80C6BPE	Connection flange (3 × Ø 200 mm) RAV: Size 8 / VRF: Sizes 24 to 30
TCB-SF160C6BPE	Connection flange (4 × Ø 200 mm) RAV: Sizes 11 to 16 / VRF: Sizes 36 to 56
TCB-FF101URE2	Spigot flange for fresh air connection Ø 100 mm

HIGHER quality in LIFE