TOSHIBA



INVISIBLE CLASSIC

Standard duct unit SL R32

Highlights

SL »speed line« feature update
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 CLASSIC, Digital-Inverter, Super-Digital-Inverter, and Digital-Inverter BIG outdoor units for refrigerant R32. Air can be supplied into the room discreetly at the lowest speed via one or more air outlets. Available in six power levels from 5.0 to 14.0 kW.

Performance

- High energy efficiency
- 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

- Flange connection adapter is available for the exhaust
- Back- or bottom air intake possible
- 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 / TU2C link
- Compatible with TU2C link system bus
- Automatic restart setting after power outage
- Optional redundancy box available

SL SPECIAL FEATURES

- Redundancy function
- Free-Cooling control
- Support for Secondary Heating
- Air Discharge Temperature Display
- Power Shift
- Filter Status display on wired Remote Controller

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Standard duct unit SL R32 / SET

Indoor unit Outdoor unit			RAV-HM1401BTP-E RAV-GP1403AT8P-E
Cooling capacity	kW	❄	12,50
Cooling range (min.-max.)	kW	❄	3,10 - 14,00
Power consumption (min./nom./max.)	kW	❄	- / 3,29 / -
Energy efficiency EER	W/W	❄	3,29
Energy efficiency SEER		❄	7,05
Energy efficiency class		❄	n/a
Outdoor temperature operating range (min.-max.)	°C	❄	-20 / +52
Heating capacity	kW	☀	14,00
Heating range (min.-max.)	kW	☀	2,60 - 16,50
Power consumption (min./nom./max.)	kW	☀	- / 3,50 / -
Energy efficiency COP	W/W	☀	4,00
Energy efficiency SCOP		☀	4,50
Energy efficiency class		☀	n/a
Outdoor temperature operating range (min.-max.)	°C	☀	-27 / +15

Indoor unit			RAV-HM1401BTP-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)	❄	48/51/55
Sound power level	dB(A)	☀	48/51/55
Airflow	m^3/h		1260/1650/2100
External static pressure	Pa		30 - 150
Condensate pipe diameter	mm		VP25
Dimensions (HxWxD)	mm		275 x 1400 x 750
Weight	kg		31,0

❄ Cooling ☀ Heating

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Outdoor unit			RAV-GP1403AT8P-E
Power supply	V/Ph+N/Hz		380-415/3+N/50
Recommended power supply line type			H07RN-F 3G1,5
Communication line			H07RN-F 4G1,5
Sound power level	dB(A)	❄	68
Sound power level	dB(A)	☀	68
Sound pressure level (low/med/high)	dB(A)	❄	53
Sound pressure level (low/med/high)	dB(A)	☀	53
Suction gas pipe diameter	mm (inch)		15,9 (5/8)
Liquid pipe diameter	mm (inch)		9,5 (3/8)
Pipe length (min.)	m		3
Pipe length (max.)	m		100
Height difference (max.)	m		30
Airflow	m^3/h		8000
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		3,30
Pre-charged up to	m		30
Added refrigerant charge	g/m		40
Dimensions (HxWxD)	mm		1640 x 1100 x 460
Weight	kg		126

❄ Cooling ☀ Heating

The measuring conditions for this product can be found at https://www.toshiba-aircondition.com/en/measuring-conditions.html

Accessories	Description
RBC-ASCU32Y-E	Compact wired remote control with sensor buttons
RBC-AXU31-E	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

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