



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



Standard duct unit SL R32 / SET

Indoor unit			RAV-HM1401BTP-E
Outdoor unit			RAV-GM1402ATW-E
Cooling capacity	kW	❄️	12,10
Cooling range (min.-max.)	kW	❄️	3,00 - 13,20
Power consumption (min./nom./max.)	kW	❄️	0,64/4,01/4,52
Energy efficiency EER	W/W	❄️	3,02
Energy efficiency SEER		❄️	6,15
Energy efficiency class		❄️	-
Annual electricity consumption	kWh/a	❄️	1180
Outdoor temperature operating range (min.-max.)	°C	❄️	-15 / +46
Heating capacity	kW	🔥	13,00
Heating range (min.-max.)	kW	🔥	3,00 - 16,00
Power consumption (min./nom./max.)	kW	🔥	0,74/3,55/4,62
Energy efficiency COP	W/W	🔥	3,66
Energy efficiency SCOP		🔥	3,92
Energy efficiency class		🔥	-
Annual electricity consumption	kWh/a	🔥	2998
Outdoor temperature operating range (min.-max.)	°C	🔥	-15 / +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)	🔥	54/58/63
Airflow	m ³ /h		1260/1650/2100
External static pressure	Pa		50/120
Condensate pipe diameter	mm		VP25
Dimensions (HxWxD)	mm		275 x 1400 x 750
Weight	kg		41

❄️ Cooling 🔥 Heating



Standard duct unit SL R32 / SET

Outdoor unit			RAV-GM1402ATW-E
Power supply	V/Ph+N/Hz		220-240/1/50
Recommended power supply line type			H07RN-F 3G1,5
Communication line			H07RN-F 4G1,5
Sound pressure level (low/med/high)	dB(A)	❄️	56
Sound pressure level (low/med/high)	dB(A)	☀️	56
Sound power level	dB(A)	❄️	73
Sound power level	dB(A)	☀️	74
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		50
Height difference (max.)	m		30
Airflow	m ³ /h		4950
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		2,40
Pre-charged up to	m		30
Added refrigerant charge	g/m		35
Dimensions (HxWxD)	mm		1050 x 1010 x 370
Weight	kg		85

❄️ Cooling ☀️ Heating

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

