



PERFECT AMBIANCE

Ceiling unit SL R32



Highlights

- SL »speed line« feature update
- Attractive design
- Low noise level
- Optimal air distribution in cooling & heating mode

Under-ceiling unit for RAV single-room systems for combination with Digital-Inverter, Super-Digital-Inverter, and Digital-Inverter BIG outdoor units for refrigerant R32. Elegant design with rounded edges and a large air control fin for optimal air circulation. Available in seven capacity sizes from 3.6 to 14.0 kW.



Performance

- Very high energy efficiency
- Optimal temperature distribution right down to the floor in heating mode
- High-performance heat exchanger
- Self-cleaning function
- Low-noise 3-stage fan
- Quiet function
- Auto diagnostic system



Flexibility

- Optimal air distribution, even in high spaces
- Easy-to-remove, washable dust filters
- Additional TCB-PCUC2E board available for external analog & digital control
- Optional WiFi control via smartphone, tablet, or PC



Technical details

- Easy installation via removable suspension fixtures
- Optional TCB-DP31CE drain pump available
- 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 / 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



Ceiling unit SL R32 / SET

Indoor unit			RAV-HM1401CTP-E
Outdoor unit			RAV-GP1401AT8-E1
Cooling capacity	kW	❄️	12,50
Cooling range (min.-max.)	kW	❄️	2,60 - 14,00
Power consumption (min./nom./max.)	kW	❄️	0,66/3,68/4,85
Energy efficiency EER	W/W	❄️	3,40
Energy efficiency class		❄️	n/a
Outdoor temperature operating range (min.-max.)	°C	❄️	-15 / +46
Heating capacity	kW	🔥	14,00
Heating range (min.-max.)	kW	🔥	2,40 - 18,00
Power consumption (min./nom./max.)	kW	🔥	0,53/3,48/5,95
Energy efficiency COP	W/W	🔥	4,02
Energy efficiency class		🔥	n/a
Outdoor temperature operating range (min.-max.)	°C	🔥	-20/ +15

Indoor unit			RAV-HM1401CTP-E
Sound pressure level (low/med/high)	dB(A)	❄️	35/41/46
Sound pressure level (low/med/high)	dB(A)	🔥	35/41/46
Sound power level	dB(A)	❄️	50/56/61
Sound power level	dB(A)	🔥	50/56/61
Airflow	m³/h		1200/1530/2040
Condensate pipe diameter	mm		VP25
Dimensions (HxWxD)	mm		235 x 1586 x 690
Weight	kg		35

❄️ Cooling 🔥 Heating



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Outdoor unit			RAV-GP1401AT8-E1
Power supply	V/Ph+N/Hz		380-415/3+N/50
Recommended fusing	A		3x 16
Recommended power supply line type			H07RN-F 3G1,5
Communication line			H07RN-F 4G1,5
Running current	A	❄️	5,95 - 6,50
Running current	A	🔥	5,69 - 6,33
Current consumption (nom.)	A		3x 15,90
Sound power level	dB(A)	❄️	68
Sound power level	dB(A)	🔥	69
Sound pressure level (low/med/high)	dB(A)	❄️	51
Sound pressure level (low/med/high)	dB(A)	🔥	52
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		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-ASCU32Y-E	Compact wired remote control with sensor buttons
RBC-AXU31C-E	Infrared remote control + receiver kit for installation in ceiling unit
RBC-AMSU52-E	Wired comfort remote control PLUS
TCB-DP31CE	Drain pump, discharge head 600 mm, measured from lower edge of unit
TCB-KP14CPE	Elbow-kit, ISO14093 certified flares (required for drain pump), RAV: Sizes 4 + 5 / VRF: Sizes 15 + 18
TCB-KP24CPE	Elbow-kit, ISO14093 certified flares (required for drain pump), RAV: Sizes 8 + 16 / VRF: Sizes 24 to 56
TCB-PCUC2E	Control board for external control, alarms and messages
TCB-FF101URE2	Spigot flange for fresh air connection Ø 100 mm

