



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-HM1601CTP-E
Outdoor unit			RAV-GM1602ATW-E
Cooling capacity	kW	❄️	14,00
Cooling range (min.-max.)	kW	❄️	3,00 - 15,00
Power consumption (min./nom./max.)	kW	❄️	0,58/5,04/6,12
Energy efficiency EER	W/W	❄️	2,78
Energy efficiency SEER		❄️	6,25
Energy efficiency class		❄️	-
Annual electricity consumption	kWh/a	❄️	1344
Outdoor temperature operating range (min.-max.)	°C	❄️	-15 / +46
Heating capacity	kW	🔥	16,00
Heating range (min.-max.)	kW	🔥	3,00 - 17,00
Power consumption (min./nom./max.)	kW	🔥	0,66/4,75/5,78
Energy efficiency COP	W/W	🔥	3,37
Energy efficiency SCOP		🔥	4,30
Energy efficiency class		🔥	-
Annual electricity consumption	kWh/a	🔥	2603
Outdoor temperature operating range (min.-max.)	°C	🔥	-15 / +15

Indoor unit			RAV-HM1601CTP-E
Sound pressure level (low/med/high)	dB(A)	❄️	36/42/46
Sound pressure level (low/med/high)	dB(A)	🔥	36/42/46
Sound power level	dB(A)	❄️	51/57/61
Sound power level	dB(A)	🔥	51/57/61
Airflow	m ³ /h		1200/1650/2040
Condensate pipe diameter	mm		VP20
Dimensions (HxWxD)	mm		235 x 1586 x 690
Weight	kg		37

❄️ Cooling 🔥 Heating



Ceiling unit SL R32 / SET

Outdoor unit			RAV-GM1602ATW-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)	❄️	57
Sound pressure level (low/med/high)	dB(A)	☀️	56
Sound power level	dB(A)	❄️	74
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		88

❄️ Cooling ☀️ Heating

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

