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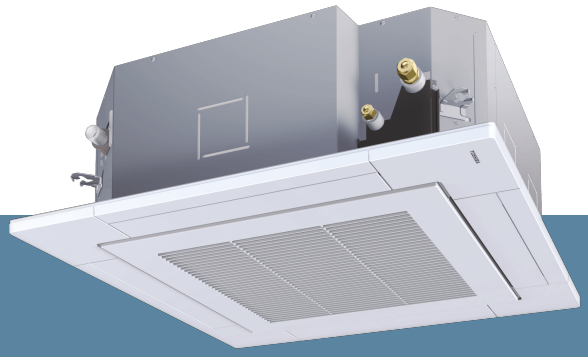

HIGH-EFFICIENCY 360° CLASSIC

SMART cassette SL R32

Highlights

SL »speed line« feature update
Outstanding efficiency
Customizable air distribution features
External fresh air supply possible
Occupancy sensor option

Highly efficient 4-way cassette for RAV single-room systems for combination exclusively with Super-Digital-Inverter outdoor units for refrigerant R32. Individual comfort, even for large spaces with high capacity requirements. Available in four capacity sizes from 5.0 to 12.5 kW.

Performance

- Very high energy efficiency
- High-performance heat exchanger
- Self-cleaning function
- Low-noise 5-stage fan
- Individual louver function
- 360° airflow
- Occupancy sensor option
- Auto diagnostic system

Flexibility

- Optimal air distribution up to room height of 4.5 m
- Easy-to-remove, washable dust filter
- Additional TCB-PCUC2E board available for external analog & digital control
- Optional WiFi control via smartphone, tablet, or PC

Technical details

- External fresh air supply possible up to 15% of the nominal airflow
- Integrated drain pump with discharge head up to 85 cm
- 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
- Draft Prevention Control
- Power Shift

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SMART cassette SL R32 / SET

Indoor unit Outdoor unit			RAV-HM1101UT-E RAV-GP1101AT-E
Cooling capacity	kW	❄	10,00
Cooling range (min.-max.)	kW	❄	3,10 - 12,00
Power consumption (min./nom./max.)	kW	❄	0,56/1,90/2,80
Energy efficiency EER	W/W	❄	5,26
Energy efficiency SEER		❄	9,25
Annual electricity consumption	kWh/a	❄	378
Outdoor temperature operating range (min.-max.)	°C	❄	-15 / +52
Heating capacity	kW	☀	11,20
Heating range (min.-max.)	kW	☀	2,60 - 13,00
Power consumption (min./nom./max.)	kW	☀	0,41/2,18/2,98
Energy efficiency COP	W/W	☀	5,14
Energy efficiency SCOP		☀	5,03
Annual electricity consumption	kWh/a	☀	2557
Outdoor temperature operating range (min.-max.)	°C	☀	-27 / +15

Indoor unit			RAV-HM1101UT-E
Sound pressure level (low/med/high)	dB(A)	❄	31/40/48
Sound pressure level (low/med/high)	dB(A)	☀	31/40/48
Sound power level	dB(A)	❄	46/54/61
Sound power level	dB(A)	☀	46/54/61
Airflow	m^3/h		1050/1650/2250
Condensate pipe diameter	mm		VP20
Dimensions (HxWxD)	mm		319 × 840 × 840
Weight	kg		25
Panel dimensions (HxWxD)	mm		30 x 950 x 950
Panel weight	kg		5

❄ Cooling ☀ Heating

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SMART cassette SL R32 / SET

Outdoor unit			RAV-GP1101AT-E
Power supply	V/Ph+N/Hz		220-240/1+N/50
Recommended power supply line type			H07RN-F 3G1,5
Communication line			H07RN-F 4G1,5
Sound power level	dB(A)	❄	66
Sound power level	dB(A)	☀	67
Sound pressure level (low/med/high)	dB(A)	❄	49
Sound pressure level (low/med/high)	dB(A)	☀	50
Suction gas pipe diameter	mm (inch)		15,9 (3/4)
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	m^3/h		6960
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		3,10
Pre-charged up to	m		30
Added refrigerant charge	g/m		40
Dimensions (HxWxD)	mm		1550 x 1010 x 370
Weight	kg		104

❄ Cooling ☀ Heating

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

Accessories	Description
RBC-U41PG(W)-E	Panel for smart cassette
RBC-AMT32E	Standard Wired Remote Control
RBC-AX41U(W)-E	Infrared remote control + receiver kit for installation in smart cassette
TCB-SIR41U-E	Occupancy sensor kit for installation in smart cassette
TCB-GFC1603UE	Fresh air filter
TCB-SP1603UE	Spacer frame for lowering the panel by 70 mm
TCB-BC1603UE	Air discharge direction kit for blocking of up to three discharge sides
TCB-FF101URE2	Spigot flange for fresh air connection Ø 100 mm
TCB-PCUC2E	Control board for external control, alarms and messages

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