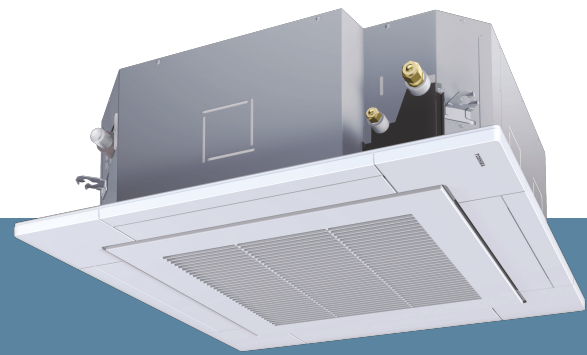




HIGH-EFFICIENCY 360° CLASSIC

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



SMART cassette SL R32 / SET

Indoor unit			RAV-HM1601UT-E
Outdoor unit			RAV-GP1603ATP-E
Cooling capacity	kW	❄️	14,00
Cooling range (min.-max.)	kW	❄️	3,10 - 16,00
Power consumption (min./nom./max.)	kW	❄️	- / 3,48 / -
Energy efficiency EER	W/W	❄️	4,02
Energy efficiency SEER		❄️	8,88
Energy efficiency class		❄️	n/a
Outdoor temperature operating range (min.-max.)	°C	❄️	-20 / +52
Heating capacity	kW	🔥	16,00
Heating range (min.-max.)	kW	🔥	2,60 - 18,00
Power consumption (min./nom./max.)	kW	🔥	- / 4,31 / -
Energy efficiency COP	W/W	🔥	3,71
Energy efficiency SCOP		🔥	4,75
Energy efficiency class		🔥	n/a
Outdoor temperature operating range (min.-max.)	°C	🔥	-27 / +15

Indoor unit			RAV-HM1601UT-E
Sound pressure level (low/med/high)	dB(A)	❄️	36/43/48
Sound pressure level (low/med/high)	dB(A)	🔥	36/43/48
Sound power level	dB(A)	❄️	50/56/61
Sound power level	dB(A)	🔥	50/56/61
Airflow	m³/h		1050/1650/2250
Condensate pipe diameter	mm		VP25
Dimensions (HxWxD)	mm		319 x 840 x 840
Weight	kg		25,0
Panel dimensions (HxWxD)	mm		30 x 950 x 950
Panel weight	kg		5,0

❄️ Cooling 🔥 Heating



SMART cassette SL R32 / SET

Outdoor unit			RAV-GP1603ATP-E
Power supply	V/Ph+N/Hz		220-240/1+N/50
Recommended fusing	A		32
Running current	A	❄️	15,54 - 17,00
Running current	A	🔥	19,16 - 20,96
Current consumption (nom.)	A		32,05
Current consumption (max.)	A		32,05
Sound power level	dB(A)	❄️	69
Sound power level	dB(A)	🔥	70
Sound pressure level (low/med/high)	dB(A)	❄️	54
Sound pressure level (low/med/high)	dB(A)	🔥	55
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		8800
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		3,50
Pre-charged up to	m		30
Added refrigerant charge	g/m		40
Dimensions (HxWxD)	mm		1640 x 1100 x 460
Weight	kg		127

❄️ 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-ASCU32Y-E	Compact wired remote control with sensor buttons
RBC-AXU41U-E	Infrared remote control + receiver kit for installation in VRF TU2C 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

