TOSHIBA

DESIGN CASSETTE

1-way FLAT cassette SL R32

$\longrightarrow$ **Highlights**

Draft-free air distribution, directed to 1 side
Ultra-flat 30 mm design panel with occupancy sensor option
Optional plasma filter with ionizer
Minimal installation height of just 150 mm

1-way FLAT cassette for combination with Digital Inverter NEXT Außengeräten für Kältemittel R32. Perfect for high demands on design, indoor air quality and energy efficiency. Available in two capacity levels 2.5 to 3.6 kW.

Performance

- High energy efficiency
- High performance heat exchanger
- Whisper 3-speed fan
- Quiet function
- Occupancy sensor option for enhanced energy savings
- Auto diagnostic system

Flexibility

- Optimal air distribution even in high rooms
- Easily removable, washable dust filters
- Accessory board TCB-PCUC2E for external analog & digital control available
- Optional WIFI control via smartphone, tablet, PC

Air quality

- Washable dust filters that cover the entire heat exchanger
- Special coating of the heat exchanger fins
- Self-cleaning function dries the heat exchanger after the end of operation
- Plasmafilter option: effectively neutralizes particles in the range of fine dust, pollen, mold spores and viruses; filters up to 85% of PM 2.5 particles in 2 hours. Contains a PM 1.0 particle sensor with 4-stage LED display

Technical details

- External fresh air supply up to 15% of the nominal air volume possible
- Integrated drain pump with delivery head up to 85 cm
- Receiver for infrared remote control can be integrated
- All wired remote controls can be combined
- Automatic restart after power blackout adjustable

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1-way FLAT cassette SL R32 / SET

Indoor unit			RAV-HM301U1TP-E
Outdoor unit			RAV-GM302ATP-E
Cooling capacity	kW	❄	2,50
Cooling range (min.-max.)	kW	❄	0,90 - 3,00
Power consumption (min./nom./max.)	kW	❄	0,19/0,69/0,92
Energy efficiency EER	W/W	❄	3,62
Energy efficiency SEER		❄	6,20
Energy efficiency class		❄	A++
Annual electricity consumption	kWh/a	❄	141
Outdoor temperature operating range (min.-max.)	°C	❄	-15 / +46
Heating capacity	kW	☀	3,40
Heating range (min.-max.)	kW	☀	0,80 - 4,50
Power consumption (min./nom./max.)	kW	☀	0,16/1,03/1,50
Energy efficiency COP	W/W	☀	3,30
Energy efficiency SCOP		☀	4,10
Energy efficiency class		☀	A++
Annual electricity consumption	kWh/a	☀	888
Outdoor temperature operating range (min.-max.)	°C	☀	-15 / +15

Indoor unit			RAV-HM301U1TP-E
Sound pressure level (low/med/high)	dB(A)	❄	30/35/39
Sound pressure level (low/med/high)	dB(A)	☀	30/35/39
Sound power level	dB(A)	❄	45/49/54
Sound power level	dB(A)	☀	45/49/54
Airflow	m³/h		310/ - /520
Condensate pipe diameter	mm		VP20
Dimensions (HxWxD)	mm		150 x 990 x 450
Weight	kg		13
Panel dimensions (HxWxD)	mm		30 x 1220 x 530
Panel weight	kg		4

❄ Cooling ☀ Heating

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1-way FLAT cassette SL R32 / SET

Outdoor unit			RAV-GM302ATP-E
Power supply	V/Ph+N/Hz		220-240/1+N/50
Recommended fusing	A		10
Recommended power supply line type			H07RN-F 3G1,5
Communication line			H07RN-F 4G1,5
Current consumption (max.)	A		7,90
Sound pressure level (low/med/high)	dB(A)	❄	46
Sound pressure level (low/med/high)	dB(A)	☀	47
Sound power level	dB(A)	❄	61
Sound power level	dB(A)	☀	62
Suction gas pipe diameter	mm (inch)		9,5 (3/8)
Liquid pipe diameter	mm (inch)		6,4 (1/4)
Pipe length (min.)	m		2
Pipe length (max.)	m		20
Height difference (max.)	m		10
Airflow	m³/h		1800
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		0,60
Pre-charged up to	m		15
Added refrigerant charge	g/m		20
Dimensions (HxWxD)	mm		550 x 780 x 290
Weight	kg		29

❄ Cooling ☀ Heating

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

Accessories	Description
RBC-UY32P-E	Panel for sizes 3 to 12
RBC-AX33UYP-E	Infrared remote control + receiver kit for installation in 1-way cassette (SMMSu)
TCB-EAPC1UYHP-E	Ozone air purifier for 1-way cassette (SMMSu)
TCB-SIR41UYP-E	Occupancy sensor kit for installation in 1-way cassette (SMMSu)

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