



## THE 360° CLASSIC

### Standard cassette SL R32



#### Highlights

- SL »speed line« feature update
- Outstanding efficiency
- External fresh air supply possible
- Optional FLAT-panel
- Extensive air filter & control options

Four-way standard cassette for RAV single-room systems for combination with Digital-Inverter CLASSIC, Digital-Inverter, Super-Digital-Inverter, and Digital-Inverter BIG outdoor units for refrigerant R32. Individual comfort, even for large spaces with high capacity requirements. Available in six capacity sizes from 5.0 to 14.0 kW.



#### Performance

- Very high energy efficiency
- Various options are possible with FLAT panel: Plasmafilter, PM 2.5 filter, occupancy sensor, IR-receiver-kit
- High-performance heat exchanger
- Self-cleaning function dries the heat exchanger after operation
- Low-noise 3-stage fan
- Quiet function
- Auto diagnostic system



#### Flexibility

- Optimal air distribution up to room height of 4.6 m
- Easy-to-remove, washable dust filter
- 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



## Standard cassette SL R32 / SET

Indoor unit			RAV-HM1401UTP-E
Outdoor unit			RAV-GM1402AT8W-E
Cooling capacity	kW	❄️	12,10
Cooling range (min.-max.)	kW	❄️	3,00 - 13,20
Power consumption (min./nom./max.)	kW	❄️	0,56/3,81/4,19
Energy efficiency EER	W/W	❄️	3,17
Energy efficiency SEER		❄️	6,91
Energy efficiency class		❄️	n/a
Annual electricity consumption	kWh/a	❄️	1050
Outdoor temperature operating range (min.-max.)	°C	❄️	-15 / +46
Heating capacity	kW	🔥	13,00
Heating range (min.-max.)	kW	🔥	3,00 - 16,00
Power consumption (min./nom./max.)	kW	🔥	0,71/3,39/4,51
Energy efficiency COP	W/W	🔥	3,83
Energy efficiency SCOP		🔥	4,30
Energy efficiency class		🔥	n/a
Annual electricity consumption	kWh/a	🔥	2603
Outdoor temperature operating range (min.-max.)	°C	🔥	-15 / +15

Indoor unit			RAV-HM1401UTP-E
Sound pressure level (low/med/high)	dB(A)	❄️	34/38/44
Sound pressure level (low/med/high)	dB(A)	🔥	34/38/44
Sound power level	dB(A)	❄️	49/53/59
Sound power level	dB(A)	🔥	49/53/59
Airflow	m <sup>3</sup> /h		1230/1440/2100
Condensate pipe diameter	mm		VP25
Dimensions (HxWxD)	mm		319 × 840 × 840
Weight	kg		24
Panel dimensions (HxWxD)	mm		30 × 950 × 950
Panel weight	kg		4,2

❄️ Cooling 🔥 Heating



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Outdoor unit			RAV-GM1402AT8W-E
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
Current consumption (max.)	A		3x 13,40
Sound pressure level (low/med/high)	dB(A)	❄️	56
Sound pressure level (low/med/high)	dB(A)	🔥	56
Sound power level	dB(A)	❄️	73
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 <sup>3</sup> /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		85

❄️ Cooling 🔥 Heating

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

