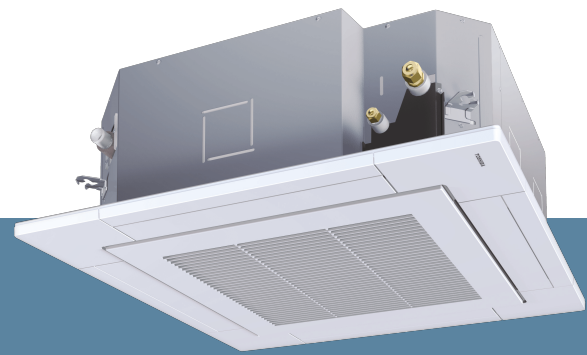




## HIGH-EFFICIENCY 360° CLASSIC

## 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-HM1401UT-E   |
|-------------------------------------------------|----|----|------------------|
| Outdoor unit                                    |    |    | RAV-GP1403AT8P-E |
| Cooling capacity                                | kW | ❄️ | 12,50            |
| Cooling range (min.-max.)                       | kW | ❄️ | 3,10 - 14,00     |
| Outdoor temperature operating range (min.-max.) | °C | ❄️ | -20 / +52        |
| Heating capacity                                | kW | 🔥  | 14,00            |
| Heating range (min.-max.)                       | kW | 🔥  | 2,60 - 16,50     |
| Outdoor temperature operating range (min.-max.) | °C | 🔥  | -27 / +15        |

| Indoor unit                         |       |    | RAV-HM1401UT-E  |
|-------------------------------------|-------|----|-----------------|
| Sound pressure level (low/med/high) | dB(A) | ❄️ | 33/41/48        |
| Sound pressure level (low/med/high) | dB(A) | 🔥  | 33/41/48        |
| Sound power level                   | dB(A) | ❄️ | 55/56/61        |
| Sound power level                   | dB(A) | 🔥  | 55/56/61        |
| 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-GP1403AT8P-E  |
|-------------------------------------|-----------|----|-------------------|
| Power supply                        | V/Ph+N/Hz |    | 380-415/3+N/50    |
| Recommended power supply line type  |           |    | H07RN-F 3G1,5     |
| Communication line                  |           |    | H07RN-F 4G1,5     |
| Sound power level                   | dB(A)     | ❄️ | 68                |
| Sound power level                   | dB(A)     | ☀️ | 68                |
| Sound pressure level (low/med/high) | dB(A)     | ❄️ | 53                |
| Sound pressure level (low/med/high) | dB(A)     | ☀️ | 53                |
| 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                             | m³/h      |    | 8000              |
| Compressor type                     |           |    | Twin-Rotary       |
| Refrigerant                         |           |    | R32               |
| Refrigerant charge                  | kg        |    | 3,30              |
| Pre-charged up to                   | m         |    | 30                |
| Added refrigerant charge            | g/m       |    | 40                |
| Dimensions (HxWxD)                  | mm        |    | 1640 x 1100 x 460 |
| Weight                              | kg        |    | 126               |

❄️ Cooling ☀️ Heating

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

