



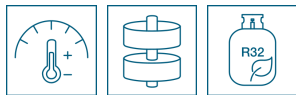
2-pipe in compact format

## MiNi SMMS R32



### Highlights

Ultra-compact VRF outdoor unit for up to 13 indoor units  
For 2-pipe systems up to 15.5 kW cooling & heating  
Optimum environmental protection: Made in Europe - Low GWP refrigerant - night operation  
Comprehensive and simple safety concept



Compact VRF 2-pipe outdoor unit for cooling or heating operation with a wide performance spectrum. For combination with VRF indoor units, according to Selection-Tool design software.



### Performance

- SEER values up to 9.98
- SCOP values up to 5.21
- Optimized R32 refrigeration circuit enables lowest refrigerant quantities
- Outstanding energy and cost efficiency
- Suitable for monovalent heating operation
- Heat exchanger defrosting in heating mode without loss of comfort



### Flexibility

- Maximum piping lengths of up to 300 m
- Maximum height differences up to 50 m
- Up to 13 indoor units can be connected
- Flexible control options for all applications
- Night Operation: Quiet operation protects people and the environment
- System diversity up to 130%
- Simple system design with Selection-Tool software



### Safety

- Safety concept in accordance with IEC 60335-2-40 (Ed.6)
- Simple application according to design recommendation



### Technical details

- Perfected A2 twin-rotary compressor
- Double-vane technology with carbon coating
- Continuous heating operation for up to 5 hours
- Ultra-short defrosting cycles of up to 3.5 minutes
- Intelligent refrigerant management ensures optimum supply to all indoor units, regardless of their position in the building
- Shortest oil recovery cycles thanks to intelligent oil management algorithms
- Fast TU2C-Link system bus with 19,200 bps
- The wireless NFC Wave Tool function simplifies commissioning, service and system monitoring with Android and iOS smartphones
- The DynaDoctor service tool for convenient recording, monitoring and diagnostics as a PC application can be connected to outdoor or indoor units via USB
- Optional TCB-SS1UU-E Service Link Adapter enables data logging to micro SDHC card (included, 8 GB) even without a PC



## MINI SMMS R32

| Technical data                                  |           |    | MCY-MUG0401HSW-E  |
|---|-----------|----|-------------------|
| Capacity code                                   | HP        |    | 6                 |
| Cooling capacity                                | kW        | ❄️ | 12,10             |
| Power consumption (min./nom./max.)              | kW        | ❄️ | 2,92              |
| Energy efficiency EER                           | W/W       | ❄️ | 4,14              |
| Energy efficiency SEER                          |           | ❄️ | 9,98              |
| Energy efficiency ETAs                          | %         | ❄️ | 396,2             |
| Running current                                 | A         | ❄️ | 13,1              |
| Heating capacity                                | kW        | 🔥  | 12,10             |
| Power consumption (min./nom./max.)              | kW        | 🔥  | 2,38              |
| Energy efficiency COP                           | W/W       | 🔥  | 5,08              |
| Energy efficiency SCOP                          |           | 🔥  | 5,21              |
| Energy efficiency ETAs                          | %         | 🔥  | 205,4             |
| Running current                                 | A         | 🔥  | 10,9              |
| Airflow   | m³/h      |    | 4560              |
| External static pressure                        | Pa        |    | 20                |
| Sound pressure level (low/med/high)             | dB(A)     | ❄️ | 52                |
| Sound pressure level (low/med/high)             | dB(A)     | 🔥  | 54                |
| Sound power level                               | dB(A)     | ❄️ | 69                |
| Sound power level                               | dB(A)     | 🔥  | 71                |
| Sound pressure level (night operation, @ 1m)    | dB(A)     | ❄️ | 50/47/44          |
| Compressor type                                 |           |    | Twin-Rotary       |
| Liquid pipe diameter                            | mm (inch) |    | 9,5 (3/8)         |
| Suction gas pipe diameter                       | mm (inch) |    | 15,8 (5/8)        |
| Outdoor temperature operating range (min.-max.) | °C        | ❄️ | -5 / +46          |
| Outdoor temperature operating range (min.-max.) | °C        | 🔥  | -20 / +15         |
| Power supply                                    | V/Ph+N/Hz |    | 220-240/1+N/50    |
| Recommended fusing                              | A         |    | 25                |
| Recommended power supply line type              |           |    | H07RN-F 3G4,0     |
| Communication line                              |           |    | YSLCY 2x1,5       |
| Current consumption (nom.)                      | A         |    | 10,90/13,10       |
| Current consumption (max.)                      | A         |    | 23,50             |
| Connectable indoor units (max.)                 | Pce.      |    | 8                 |
| Pipe length (max.)                              | m         |    | 300               |
| Height difference (max.)                        | m         |    | 40/50             |
| Refrigerant                                     |           |    | R32               |
| Refrigerant charge                              | kg        |    | 2,40              |
| Dimensions (HxWxD)                              | mm        |    | 1050 x 1010 x 370 |
| Weight  | kg        |    | 100               |

❄️ Cooling 🔥 Heating

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



In order to make it easier for you to select the optimal product, you can find the description of the special TOSHIBA product functions for your model here:



**Hybrid inverter control:** Smooth capacity regulation.



**Twin rotary compressor:** Long-lasting, smoothly running and highest efficiency.



**R32:** Used refrigerant: R32.

