



2-pipe in compact form

## MiNi SMMS Single-Fan



### Highlights

- High energy efficiency values
- Compact units, up to 14.0 kW of cooling capacity and 16.0 kW of heating capacity
- Up to 10 indoor units can be connected



Compact VRF 2-pipe outdoor unit for cooling or heating with a wide performance spectrum. For combination with VRF indoor units and DX-kits (exhaust air control).



### Performance

- SEER values up to 8.08 (ErP Lot 6/21)
- SCOP values up to 3.88 (ErP Lot 6/21)
- High energy and cost efficiency
- Suitable for monovalent heating operation



### Flexibility

- Max. pipe lengths up to 90 m
- Max. height differences up to 15 m
- Up to 10 indoor units can be connected (size 5)
- Flexible control options for all applications
- Optimal ratio of unit capacity to installation space
- Quiet operation protects people and the environment
- Simple system design with SelectionTool software



### Technical Details

- Inverter-controlled twin-rotary compressor
- Advanced fan design enables maximum capacity with minimum noise generation and current consumption
- Intelligent refrigerant management ensures an optimal supply to all indoor units, regardless of their position in the building

## MiNi SMMS Single-Fan

Technical data			MCY-MHP0406HT-E
Capacity code	HP		4
Cooling capacity	kW	❄️	12,10
Power consumption (min./nom./max.)	kW	❄️	3,24
Energy efficiency EER	W/W	❄️	3,73
Energy efficiency ESEER		❄️	8,08
Running current	A	❄️	13,8
Heating capacity	kW	🔥	12,50
Power consumption (min./nom./max.)	kW	🔥	2,83
Energy efficiency SCOP		🔥	3,83
Running current	A	🔥	12,80
Airflow	m <sup>3</sup> /h		4020
Sound pressure level (low/med/high)	dB(A)	❄️	54
Sound pressure level (low/med/high)	dB(A)	🔥	57
Sound power level	dB(A)	❄️	73,0
Sound power level	dB(A)	🔥	74,0
Sound pressure level (night operation)	dB(A)		50 / 50
Compressor type			1x Twin-Rotary
Liquid pipe diameter	mm (inch)		9,5 (3/8)
Suction gas pipe diameter	mm (inch)		15,9 (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		220-240/1/50
Recommended fusing	A		20
Recommended power supply line type			H07RN-F 3G2,5
Communication line			YSLCY 2x1,5
Running current (nom.)	A		13,80 / 12,80
Running current (max.)	A		26,5
Starting current	A		Softstart
Connectable indoor units (max.)	Pce.		8
Pipe length (max.)	m		90
Height difference (max.)	m		15/15
Refrigerant			R410A
Refrigerant charge	kg		3,30
Dimensions (HxWxD)	mm		910 x 990 x 390
Weight	kg		100

❄️ Cooling 🔥 Heating

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



**Energy Label:** Energy label **A+ to A+++**, indicates the power consumption and energy efficiency class.



**HI POWER:** Particularly strong airflow for quickly reaching the requested temperature.



**ErP Ecodesign:** All criteria of **ECODESIGN**-guideline are fulfilled and confirm highest system efficiency.



**Auto diagnostic:** Check of system for flawless operation.



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



**Eco Mode:** Energy saving function.



**Rotary compressor:** Reliability and high efficiency.



**Quiet Mode:** Particularly low noise level - whispering mode.



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



**Comfort Sleep:** Gradual increase of temperature by 2 °C until morning.



**R410A:** Used refrigerant: R410A.



**Power Selection:** Capacity regulation and therefore power savings of up to 25, 50 or 75%.



**R32:** Used refrigerant: R32.



**Floor Mode:** Natural floor warming effect for greater comfort.



**Wifi ready:** Optional control of the system via a smartphone.



**Preset Mode:** Activates individual settings at the touch of a button.



**KNX:** Optional KNX bus connection.



**One Touch Mode:** Fully automatic operation adapted to your needs.



**Dust filter:** Washable filter against coarse contamination.



**Timer:** Individual programming of on-/off times.



**IAQ filter:** Fine mesh filter with natural substances.



**Off Timer:** Shutdown of the unit at chosen times (30 min to 12 h).



**Active carbon-catechin filter:** Cleansing filter with enzymes from green tea.



**Week Timer:** Up to four settings per day and seven per week.



**Plasma filter: Pure Mode:** Electrostatic filter system.



**Automatic Restart:** After a power blackout.



**Air ionizer:** Negative ions cover polluted particles in the air. Dust, pollen and smoke are neutralized.



**8 °C frost protection function:** Frost protection for uninhabited rooms.



**Self-cleaning function:** Usage of condensate water for cleaning.



**Louver:** Flexible setting of louvers.



**Auto Mode:** Automatic selection between cooling and heating.



**3D Airflow:** 6 different airflow patterns in all directions.