



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-MHP0506HT-E
Capacity code	HP		5
Cooling capacity	kW	❄️	14,00
Power consumption (min./nom./max.)	kW	❄️	3,94
Energy efficiency EER	W/W	❄️	3,23
Energy efficiency ESEER		❄️	7,88
Running current	A	❄️	17,9
Heating capacity	kW	🔥	16,00
Power consumption (min./nom./max.)	kW	🔥	3,86
Energy efficiency SCOP		🔥	3,88
Running current	A	🔥	17,50
Airflow	m ³ /h		4260
Sound pressure level (low/med/high)	dB(A)	❄️	54
Sound pressure level (low/med/high)	dB(A)	🔥	58
Sound power level	dB(A)	❄️	73,0
Sound power level	dB(A)	🔥	73,0
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		25
Recommended power supply line type			H07RN-F 3G4,0
Communication line			YSLCY 2x1,5
Running current (nom.)	A		17,90 / 17,50
Running current (max.)	A		28,0
Starting current	A		Softstart
Connectable indoor units (max.)	Pce.		10
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.