

MCY-MHP_HS MiNi SMMS-e 1Ph



Incorporating all of Toshiba's VRF experience and knowledge into a system that measures no more than 1.2m high, results in a perfect solution for all small to medium building heating and cooling requirements.

Technology

- Toshiba's in-house designed twin rotary inverter controlled compressor operates precisely to match the indoor demand, providing class leading levels of performance and system efficiency.
- Precise refrigerant control ensures each indoor unit receives the right amount of refrigerant.

Connectivity

- With 180m total (125m equivalent) piping length, ensures the MiNi SMMS-e system is adaptable for all types of projects.
- Extensive indoor model range, with various styles of indoor unit designs, including small capacity (0.6Hp) and air-to-air heat exchanger models.

SCOP MAX



4.37

CAPACITY



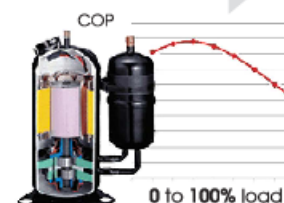
4HP > 6HP

OPERATION



-20°C > +46°C

Toshiba's in-house designed twin rotary inverter controlled compressor operates precisely to match the indoor demand, providing class leading levels of performance and system efficiency.



MiNi SMMS-e 1Ph Performances

Outdoor unit	HP	MCY-MHP0404HS-E	MCY-MHP0504HS-E	MCY-MHP0604HS-E
		4 HP	5 HP	6 HP
Cooling capacity	kW	12.1	14.0	15.5
Power input	kW C	2.83	3.50	4.29
EER	W/W	4.28	4.00	3.61
EthasC/SEER		373.8% / 9.42	366.2% / 9.23	384.2% / 9.68
Running current	A C	13.5 / 13.0 / 12.4	16.6 / 15.9 / 15.2	20.1 / 19.2 / 18.4
Heating capacity	kW	12.5	16.0	18.0
Power input	kW H	2.59	3.75	4.31
COP	W/W	4.83	4.27	4.18
EthasH/SCOP		163.8% / 4.17	166.6% / 4.24	171.8% / 4.37
Running current	A H	12.5 / 12.0 / 11.5	17.8 / 19.3 / 18.5	20.2 / 19.3 / 18.5

MiNi SMMS-e 1Ph Physical data

Outdoor unit	HP	MCY-MHP0404HS-E	MCY-MHP0504HS-E	MCY-MHP0604HS-E
Air flow	m³/h - l/s	5660 - 1572	5820 - 1617	6050 - 1681
Sound pressure level	dB(A) C/H	49/52	50/53	51/54
Max indoor connectivity		8	10	13
Dimensions (HxWxD)	mm	1235 x 990 x 390	1235 x 990 x 390	1235 x 990 x 390
Weight	kg	127	127	127
Compressor type		Hermetic Twin Rotary	Hermetic Twin Rotary	Hermetic Twin Rotary
Refrigerant charge R410A	kg/TCO2eq	6.4 / 13.4	6.4 / 13.4	6.4 / 13.4
Gas line type - diameter		Flare - 5/8"	Flare - 5/8"	Flare - 3/4"
Liquid line type - diameter		Flare - 3/8"	Flare - 3/8"	Flare - 3/8"
Discharge line connection type - diameter				
Maximum equivalent length separation*	m	125	125	125
Maximum actual piping separation*	m	100	100	100
Maximum total pipe length*	m	180	180	180
Maximum lift (indoor unit above/below)	m	20/30	20/30	20/30
Operating range - db	°C C	-5/46	-5/46	-5/46
Operating range - wb	°C H	-20.0 / 15.0	-20.0 / 15.0	-20.0 / 15.0
Power supply	V-ph-Hz	220 / 230 / 240-1-50	220 / 230 / 240-1-50	220 / 230 / 240-1-50

* when PMV Kit is used: Maximum equivalent length separation (80 m); Maximum actual piping separation (65 m); Maximum total pipe length (150 m)

Note: Use engineering Data Book for specific details.

C: cooling mode - H: heating mode