

MCY-MHP_HS MiNi SMMS-e 1Ph



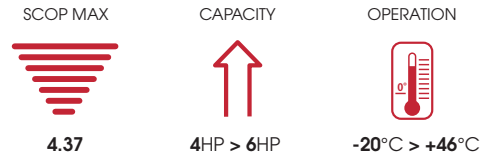
Incorporating all of Toshiba's VRF experience and knowledge into a system that measures no more than 1.2m high, results in a perfect solution for all small to medium building heating and cooling requirements.

Technology

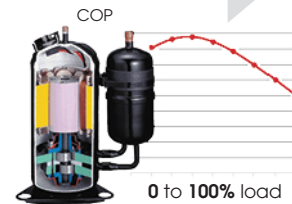
- Toshiba's in-house designed twin rotary inverter controlled compressor operates precisely to match the indoor demand, providing class leading levels of performance and system efficiency.
- Precise refrigerant control ensures each indoor unit receives the right amount of refrigerant.

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.



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MiNi SMMS-e 1PH Performances

Outdoor unit - Std	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
SEER		9.42	9.23	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
SCOP		4.17	4.24	4.37
Running current	A H	12.5/12.0/11.5	17.8/19.3/18.5	11.5/16.3/18.5
Peak demand current	A			

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	1235x990x390	1235x990x390	1235x990x390
Weight	kg	127	127	127
Compressor type		Hermetic Twin Rotary	Hermetic Twin Rotary	Hermetic Twin Rotary
Refrigerant charge R410A	kg	6.4	6.4	6.4
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