

VRF 4-6HP MiNi SMMSe 3-ph Outdoor Units **update**

TOSHIBA are pleased to announce the availability of the 4-6HP MiNi SMMSe 3-ph outdoor units to join the VRF line-up.

1. Line-up

HP	New Model	Retail Price 2019		Nominal Capacity (kW)	
		UK	ROI	Cooling	Heating
4	MCY-MHP0404HS8-E	£3,680	€4,232	12.1	12.5
5	MCY-MHP0504HS8-E	£4,134	€4,754	14.0	16.0
6	MCY-MHP0604HS8-E	£4,354	€5,007	15.5	18.0

2. Availability

Ex-stock subject to standard agreements.

3. Features

- Large Capacity MiNi VRF with reduced refrigerant volume.
- Long pipe length (180m) and height difference (30m).
- High efficiency performance.
- Available in the Toshiba Selection Tool software.

For further information please contact our customer support team on [0870 843 0333](tel:08708430333), your local representative, your supplier of **TOSHIBA** products or email any enquiries to: - general.enquiries@toshiba-ac.com



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4. Preliminary Specification

Model Name Heat Pump		MCY-	MHP0404HS8-E	MHP0504HS8-E	MHP0604HS8-E
Capacity Range		HP	4	5	6
Maximum Number of Indoor Units		QTY	8	10	13
Cooling Capacity		kW	12.1	14.0	15.5
Heating Capacity		kW	12.5	16.0	18.0
Operating Range Cooling/Heating		°C	-5 to 46/-20 to 15	-5 to 46/-20 to 15	-5 to 46/-20 to 15
Cooling	Power Consumption	kW	2.82	3.47	4.25
	EER/SEER/Energy Efficiency Class (or η _{sc} %)		4.29/9.47/375.8	4.03/9.29/167.0	3.65/9.74/172.2
Heating	Power Consumption	kW	2.57	3.72	4.27
	COP/SCOP/Energy Efficiency Class (or η _{sc} (A) %)		4.86/4.19/164.6	4.30/4.25/167.0	4.22/4.38/172.2
Fan(s)	Standard Air Flow	l/s	1572	1617	1681
	Standard Air Flow	m³/h	5660	5820	6050
Sound	Pressure Level C/H	dB(A)	49/52	50/53	51/54
	Power Level C/H	dB(A)	66/67	68/69	68/70
Unit	Height x Width x Depth	mm	1235 x 990 x 390	1235 x 990 x 390	1235 x 990 x 390
	Weight	kg	125	125	125
	Refrigerant Base Charge	kg	6.4	6.4	6.4
Pipe Connections	Suction Gas Pipe Flare	5/8	5/8	5/8	3/4
	Liquid Pipe Flare	inch	3/8	3/8	3/8
Maximum	Equivalent Length	m	125	125	125
	Real Length	m	100	100	100
	Total Pipe Length (Liquid Line Real Length)	m	180	180	180
	Length to First Branch	m	65	65	65
	Real Length of Indoor Unit Connecting Piping	m	15	15	15
	Height Difference Outdoor Higher Than Indoor Units	m	30	30	30
	Height Difference Outdoor Lower Than Indoor Units	m	20	20	20
Electrical	Height Difference Between Indoor Units	m	15	15	15
	Running Current Cooling/Heating	A	4.50/4.20	5.40/5.80	6.70/6.60
	Power Supply Wiring Starting Current	A	Soft Start	Soft Start	Soft Start
	Power Supply		380-415/3/50	380-415/3/50	380-415/3/50
	Suggested Fused Supply(s)	A	10	16	16

Rated conditions

Cooling: Indoor 27 degC Dry Bulb /19 degC Wet Bulb, Outdoor 35 degC Dry Bulb.
Heating: Indoor 20 degC Dry Bulb, Outdoor 7 degC Dry Bulb / 6 degC Wet Bulb.