

The wall mounted WM series is ideal for commercial and retail applications and the units are versatile and simple to install and maintain.

Designed for high wall mounting, the hi-level front air flow optimises the Coanda effect, pushing air forward from the top of the unit for effective air distribution, minimising draughts.

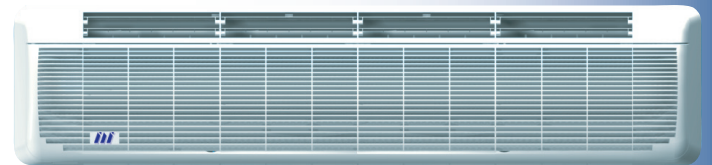
Selection from a choice of outdoor units allows comfort cooling, high sensible cooling or reverse cycle heat pump systems.

Designed and manufactured in the UK using high quality components, the wall mounted WM range is available in 3 models with cooling duties from 6 to 10kW (heating duties from 5 to 9kW).

Matching outdoor units are factory charged with R407C refrigerant and have the option of extra long pipe runs for added flexibility.



## WM Wall Mounted Unit



### Specification

- Low sound levels
- High wall mounting with hi-level front airflow
- Space saving 'V'-shaped heat exchanger
- Adjustable air deflectors
- Long life washable filters
- De-ice thermostat with the 'L' version (optional with wired control)
- Wipe clean, lightweight one-piece removable cover
- Long pipe runs - up to 80m
- Matching outdoor units are charged with R407C refrigerant.
- Outdoor units with scroll compressors
- Optional in-built condensate pump kit
- Optional background electric heating or boost heating
- Optional remote temperature sensor (wired control only)
- The WM 'E' can be networked as either a multi-split or group control system.

## Technical Information

COMFORT COOLING					
Indoor Unit	Outdoor Unit	Total Cooling kW	SHR	Optional Electric Heating	
WM WM 'L'	MCU+			kW	kW
				230V	240V
60	60*	5.9	0.71	1.2	1.3
80	90	8.0	0.71	1.7	1.8
100	100	9.7	0.73	2.1	2.3

\*Matching ducted condensing unit (DCU+ model) also available for indoor siting

HIGH SENSIBLE COOLING					
Indoor Unit	Outdoor Unit	Total Cooling kW	SHR	Optional Electric Heating	
WM WM 'L'	MCU+			kW	kW
				230V	240V
60	50*	5.4	0.74	1.2	1.3
80	80*	7.0	0.76	1.7	1.8
100	90	8.7	0.77	2.1	2.3

\*Matching ducted condensing unit (DCU+ model) also available for indoor siting

REVERSE CYCLE HEAT PUMP									
Indoor Unit	Outdoor Unit	Total Cooling kW	SHR	Heating 7°C Outdoor			Heating -1°C Outdoor		
WM 'L'	MHPUL			Output kW	Input kW	COP	Output kW	Input kW	COP
60	50*	4.8	0.77	5.1	2.2	2.32	3.7	1.9	1.95
80	80	6.8	0.84	6.6	2.9	2.28	5.5	2.6	2.11
100	90	8.2	0.79	9.1	2.8	3.25	7.0	2.6	2.70

\*Matching ducted condensing unit (DHPUE model) also available for indoor siting.

Cooling duties rated at 27°C db/19°C wb indoor, 35°C db/24°C wb outdoor at maximum indoor fan speed.

Heat Pump heating duties rated at 20°C db/12°C wb indoor, at maximum indoor unit fan speed.

Electrical characteristics: WM indoor units and 1 phase outdoor units: 230 volts 50Hz. 3 phase outdoor units: 400 volts 50Hz.

## Options & Matches



CONDENSING UNITS AND HEAT PUMPS								
Outdoor Unit		Unpacked Dimensions						
		Height mm	Width mm	Depth mm	Weight kg			
					MCU+		MHPUL	
MCU+	MHPUL				1 ph	3 ph	1 ph	3 ph
50	50	720	1004	304	64	62	64	62
60	-	720	1004	304	65	63	-	-
80	-	720	1004	04	66	64	-	-
90	80	820	1004	304	76	73	75	72
100	90	820	1004	304	n/a	81	77	75

Dimensions and Weights - DCU+ 15-80					
Model	Height* mm	Width mm	Depth mm	Spigot mm	Weight mm
DCU+ 15	495	1004	510	354	75
DCU+ 20	495	1004	510	354	75
DCU+ 30	495	1004	510	354	77
DCU+ 40	560	1174	510	404	86
DCU+ 50	560	1174	510	404	90
DCU+ 60	560	1174	510	404	91
DCU+ 80	560	1174	510	404	92

\*\*Not including mounting feet: 65mm.

For full design or technical information on all systems, please refer to the relevant technical manual or contact TEV technical department. We reserve the right to alter designs and specifications at any time without notification.

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Marstair Armytage Road Brighouse West Yorkshire HD6 1QF UK  
T: +44 (0)1484 405666 F: +44 (0) 870 606 4850 E:sales@marstair.com



[www.marstair.com](http://www.marstair.com)

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