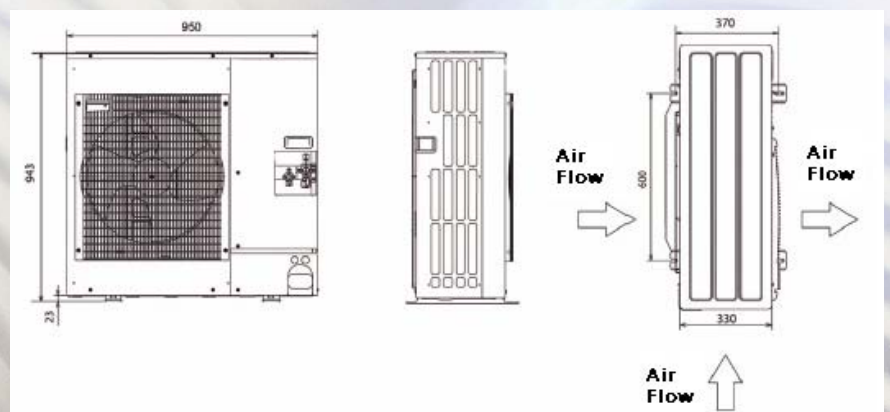
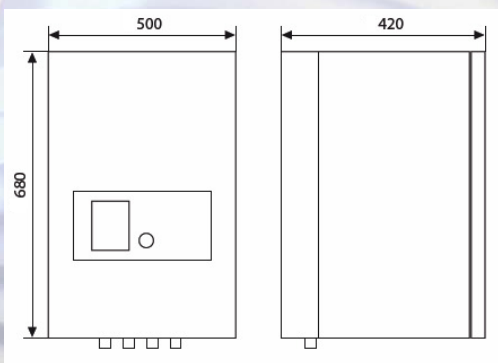


# ThermiAir Air to Water Heat Pump Modulating 3-10kW



- 3.5–10.2 kW Modulating Air –Water Heat Pump.
- Two versions available. Bivalent and Mono energetic.
- Bivalent option ensures optimum operation of the heat pump in combination with a second heat source.
- Mono energetic option ensures complete heat generation via the integral immersion element.
- Split system design.
- External evaporator unit housing the compressor,
- Internal wall hung hydraulic unit housing the system controller, plate heat exchanger and system circulating pump.
- Up to 30 meters of refrigerant pipework , allowing for flexible sitting of each unit.
- Supply temperature up to 60C due to use of R410A as the systems refrigerant.
- Full automatic controls providing optimum heating and hot water generating efficiency.
- Extensive control options available allowing for the control of multiple heating zones.
- Runs extremely quietly, making it suitable for use in areas where noise levels are restricted.
- Easy-to-operate, built-in comfort control complete with weather compensation, room and outside air sensor options for optimized efficiency.
- Integrated diagnostics system.
- Single phase compressor.



MHG Heating Ltd Unit 4 Epsom Downs Metro Centre, Waterfield, Tadworth, Surrey. KT20 5LR  
Phone 08456 448802 Fax 08456 448803 Email [info@mhgheating.co.uk](mailto:info@mhgheating.co.uk) web [www.mhgheating.co.uk](http://www.mhgheating.co.uk)

# ThermiAir Air to Water Heat Pump Modulating 3-10kW

Technical Data		Units	ThermiAir BV	ThermiAir ME
Heating Output Modulation Width		kW	3.5-10.2	3.5-10.2
kW / COP (A7/W35)		kW / COP	10.2 / 4.4	10.2 / 4.4
kW / COP (A2/W35)		kW / COP	8.5 / 3.8	8.5 / 3.8
kW / COP (A7/W55)		kW / COP	8.4 / 2.2	8.4 / 2.2
kW / COP (A2/W55)		kW / COP	7.0 / 2.0	7.0 / 2.0
Flow Rate		Kg/s	0.24	0.24
Residual Head of Internal Pump		KPa	4	4
<b>External Unit</b>				
External Unit Dimensions				
W x D x H	~	mm	950 x 370 x 943	950 x 370 x 943
Weight	~	Kg	68	68
Noise @ 5m	~	dB(A)	37	37
Air Flow				
		CMM	55	55
		CFM	1940	1940
Refrigerant Connections		Gas	mm	16
		Liquid	mm	10
Maximum Length (Joint)		m	30	30
<b>Power Supply</b>				
Phase		P	1	1
Voltage		V	230	230
Max Amperage		A	25	25
Starting Current		A	12.5	12.5
<b>Internal Unit</b>				
Internal Unit Dimensions				
W x D x H		mm	500 x 420 x 680	500 x 420 x 680
Weight		Kg	30	30
Internal Immersion Element		kW	-	3
Hydraulic Connections		mm	22	22
Refrigerant Connections		Gas	mm	16
		Liquid	mm	10
<b>Power Supply</b>				
Phase		P	1	1
Voltage		V	230	230
Max Amperage		A	16	16
Maximum Length (Joint)		m	30	30
Refrigerant		~	R410 A / 3.5kg	R410 A / 3.5kg

MHG Heating Ltd Unit 4 Epsom Downs Metro Centre, Waterfield, Tadworth, Surrey. KT20 5LR  
 Phone 08456 448802 Fax 08456 448803 Email [info@mhgheating.co.uk](mailto:info@mhgheating.co.uk) web [www.mhgheating.co.uk](http://www.mhgheating.co.uk)

