



BLUE STAR

Heat Pump **AIR TO WATER HYBRID MONOBLOC R290**



Model No: **AWHHMEP-051**



Energy Labeling at 35°C
Flow Temperature



Inverter Technologies for continuous
Water Heating and Energy Efficiency



Universal Compatibility
with any Boiler



Integrated Controls optimise
System Performance



Reliable **Heating** at Low Ambient
Temperature



Quiet Operation



55°C Water Flow Temperature



R290 **Natural Refrigerant**



Proprietary Algorithm ensures seamless
switching between Heat Pump and Boiler



Flexible Controller for easy
System Operation



Proprietary Defrost Logic reduces
risk of Coil Freezing



Simplified Installation with Monobloc
Technology

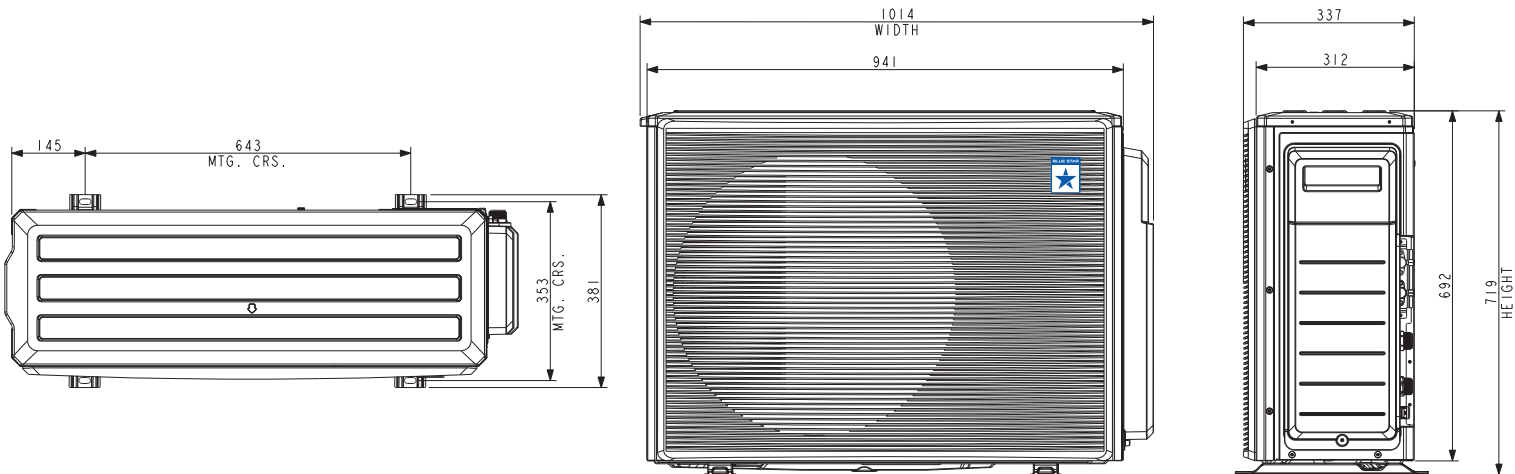
Advanced Renewable Heating Technology

Product Specifications

	Parameter	Unit	AWHHMEP-051	
Power Supply	V/Hz/Ph		220-240/50/1P ~	
	Type		R290	
Refrigerant	Weight	kg	0.45	
	Heating Condition: Outside air temperature 7°C db / 6°C db; water inlet/outlet 30°C/35°C			
Nominal Performance (Heating)	Capacity	kW	5.20	
	Power Input	kW	1.17	
	COP	kW/kW	4.45	
	Energy Class [#]		A+++	
	Operating Range			
	Cooling		+10°C to +43°C	
	Heating		-15°C to +25°C	
	Max Water Temperature		55°C	
Outdoor Unit	Compressor	Type	Inverter Twin Rotary	
		Qty	1	
	Air Side Heat Exchanger	Type	Aluminium blue fin (hydrophilic) copper tube	
	Water Side Heat Exchanger	Type	Micro Plate Heat Exchanger	
	Fan	Connection (In/Out)		1"
		Type		Axial
	Fan	Size (Dia)		20"
		Motor Type		BLDC
	Fan	Qty		1
		Sound Power Level	dBA	59
	Dimensions (Net)	mm (W x D x H)		1014 x 381 x 719
	Weight (Net)	kg		64

[#]Complies with eco-design regulation (EU) for heating application.

Dimensional Drawings



All dimensions are in mm unless otherwise specified



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