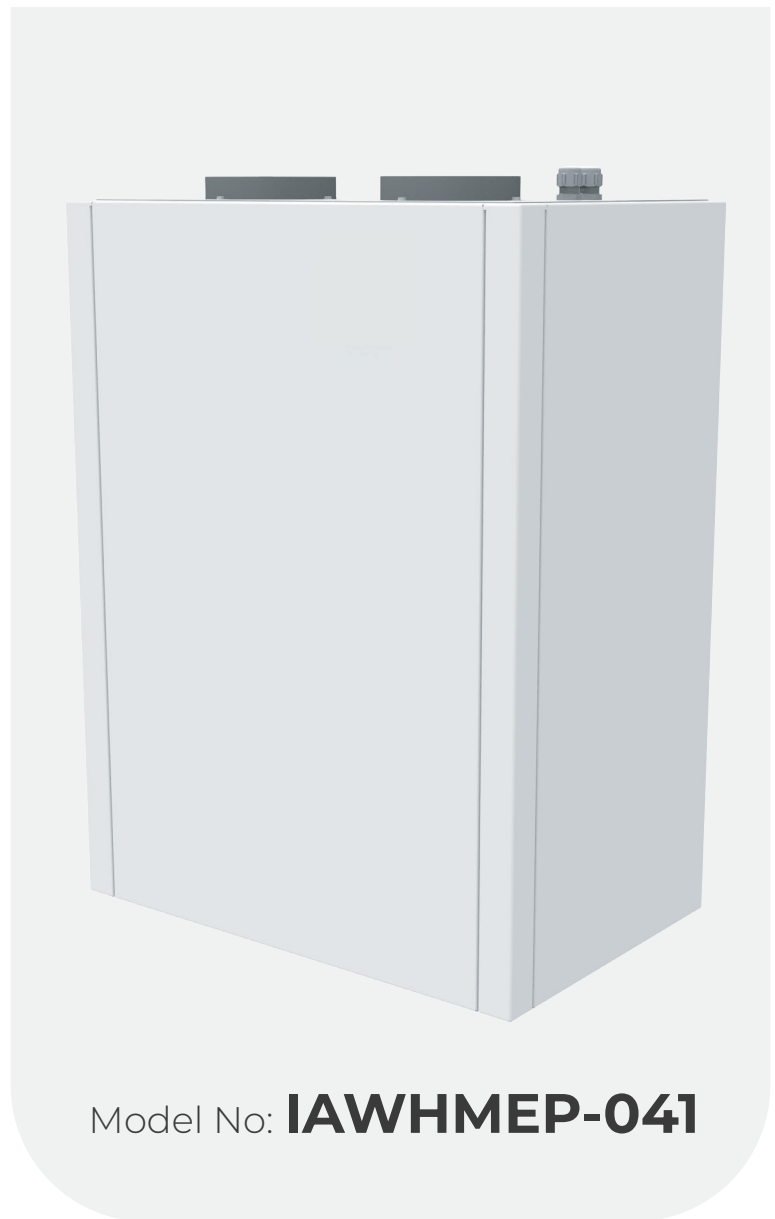




BLUE STAR

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



Model No: **IAWHMEP-041**



A++ at Low Temperature
(Ambient 7°C / Water 35°C)
ensures high energy efficiency



Low Noise Comfort



All-Indoor Architecture;
No Outdoor Unit required.



Ultra Low GWP natural refrigerant



Compact Design saves valuable
Indoor space



Advanced control logic with integration
capability for stable system operation



Ideal for new installations
and retrofits



Plug-and-Play Installation

Advanced Renewable Heating Technology

Product Specifications

Model	Indoor Unit	Unit	IAWHMEP-041
Power Supply		V-PH-Hz	220-240/1P~/50
Refrigerant	Type		R290 / 400g
Nominal Performance (Heating)	Heating Condition: Outside air temperature 7°C db / 6°C db; water inlet/outlet 30°C/35°C		
	Capacity	kW	4*
	Energy Class [#]		A++
	Heating Condition: Outside air temperature 7°C db / 6°C db; water inlet/outlet 47°C/55°C		
	Capacity	kW	3
	Energy Class [#]		A+
Component Details	Operating Range	Heating	-15°C to +40°C
		Max Water Temperature	65°C
	Compressor	Type	Inverter Rotary
		Qty	1
	Air side HE	Type	Fin & Tube
	Sound level	dB(A)	54*
	Fan	Type	Centrifugal
		Motor Type	BLDC
		Qty	1
	Water side HE	Type	Plate heat exchanger
		Connection (In/Out)	1"
	Circulation pump	Type	DC
		Head (mtr)	6
	Dimension	Net(WxDxH)	632 x 509 x 965 mm
Defrost		Method	Reversible Cycle
Safety			High & Low pressure switch, water flow safety, overload protection

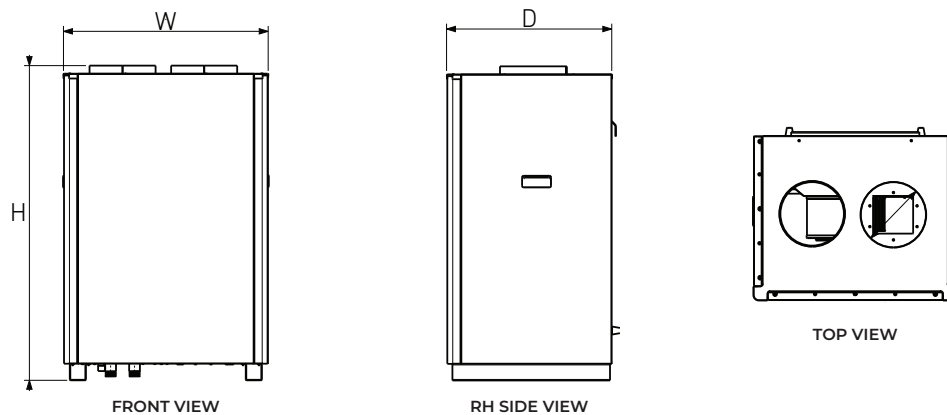
Notes:

#: Comply with Ecodesign regulation(EU) no 813/2013 for heating application

* - Indicative values — subject to change during detailed engineering.

Blue Star has a policy of continuous product and product data improvements. Specifications are subject to change without prior notice.

Dimensional Drawings



For more information, please contact: BLUE STAR EUROPE B.V. / BLUE STAR NORTH AMERICA INC.

Email Id: sales@globalbluestar.com

Website: www.globalbluestar.com

[in](#) /Blue Star Americas, Europe and UK

Blue Star has a policy of continuous product and product data improvements. Specifications are subjected to change without prior notice. Blue Star explicitly rejects any liability for any direct or indirect damage, broadly arising from/or related to the use and interpretation of this product data sheet. Copyright of all content in this data sheet rests with Blue Star.

Version 1 | February 2026