

Heat Pump Datasheet

Models:	EMB-2295-1-4	EMB-2295-1-7
Refrigerants:	R-1234ze	R-515B
Certification:	CE	CE
Safety class:	A2L	A1

The Energy Machines™ EMB models are designed for space heating, warm tap water production, and comfort cooling. They contain either one or two refrigerant circuits with two compressors in each.

The EMB models operate with either one or two heat source circuits containing brine. These circuits have an integrated circulation pump and switch between the production of hot tap water and the production of heat.

The EMB comes as a completely reversible heat pump in one unit.

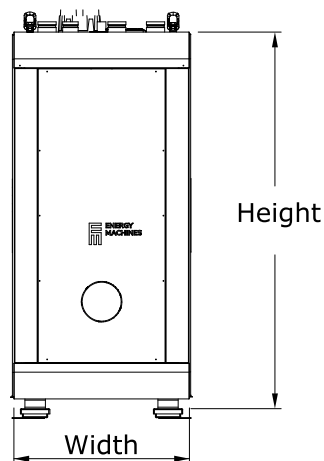
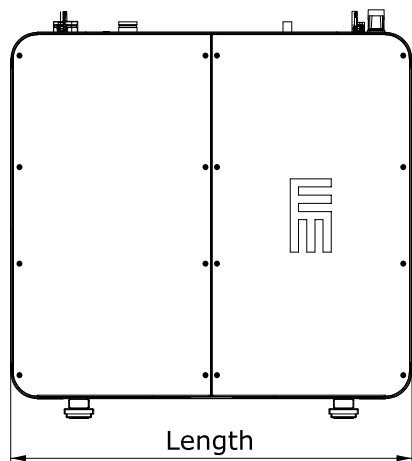


Specifications

Refrigerant		
Type	R-1234ze	R-515B
GWP	1.37	293
Charge (kg)	13	

Ventilated enclosure*	
Minimum airflow [Qmin] (l/s)	46
Pressure difference (Pa) shall be ≥	20

*Ventilation fan is not provided. Pressure difference is between enclosure interior and exterior. Applies only to units with A2L refrigerants.



Electricity	
Power supply voltage (VAC)	400
Power supply frequency (Hz)	50
Power supply phase (ϕ)	3
Rated power input (kW)	63
Rated current (A)	107
Rated start current (A)	182
Fuse (A)	125

Dimensions**	
Length (mm)	1970
Width (mm)	860
Height (mm)	1845
Dry weight (kg)	1300
Commissioned weight (kg)	1450
**See dimensional drawings for clearance requirements	

Energy Machines has a policy of continuous product and data improvement and reserves the right to change design and specifications without notice. While Energy Machines strives for accuracy, it does not guarantee the completeness or correctness of the information provided.



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