

DATASHEET

EcoFlow R290 Air To Water Heat Pump

Heating, Cooling, Hot Water, EEV, Wi-Fi, DC fan motor, Built-In Water Pump

For installers

EcoFlow Pro Web Portal

<https://portal.ecoflow.com/pro/eu>

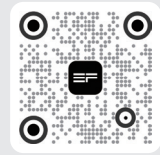


EcoFlow Pro App

For users

EcoFlow Web Portal

<https://portal.ecoflow.com/user/eu>



EcoFlow App

Model	EF AD-P1-9K0-S1	EF AD-P3-20K-S1
[Space Heating] Ambient Temp. (DB/WB): 7°C/6°C, Water Temp. (Inlet/Outlet): 30°C/35°C.	Heating Capacity (kW)	3.50-8.81
	Input Power (kW)	0.58-1.89
	Heating Current Input Range (A)	2.65-8.18
	COP	6.00-4.65
[Space Heating] Ambient Temp. (DB/WB): 7°C/6°C, Water Temp. (Inlet/Outlet): 50°C/55°C.	Heating Capacity (kW)	3.15-7.98
	Input Power (kW)	0.68-2.55
	Heating Current Input Range (A)	3.11-11.00
	COP	4.63-3.13
[Space Cooling] Ambient Temp. (DB/WB): 35°C / -, Water Temp. (Inlet/Outlet): 12°C/7°C.	Cooling Capacity (kW)	1.53-5.96
	Input Power (kW)	0.33-2.11
	Cooling Current Input Range (A)	1.51-9.13
	EER	4.64-2.82
[Hot Water] Ambient Temp. (DB/WB): 20°C/15°C, Water Temp. from 15°C to 55°C.	Heating Capacity (kW)	9.33
	Input Power (kW)	2.14
	Heating Current Input Range (A)	9.8
	COP	4.35
General Info	Power Input Voltage (V), Frequency (Hz)	220-240 (L+N+PE), 50
	Max. Input Power (kW)	4
	Max. Running Current (A)	18.3
	Max. Outlet Water Temp. (°C)	75
	Compressor Brand, Quantity	HIGHLY, 1
	Refrigerant Type	R290
	Water Side Heat Exchanger	Plate Heat Exchanger
	Air Side Heat Exchanger	Fin Heat Exchanger
	4-Way Valve	Built-in
	Flow Switch	Built-in
	Fan Motor Type	DC motor
	High Pressure Switch	Yes
	Low Pressure Switch	Yes
	Water Pipe Connection (inch)	G1 1/4"
	Rated Water Flow (m³/h)	1.5
	Water Pressure Drop (kPa)	37
	Sound Pressure Level at 1m (dB(A))	38-44
	Sound power level at 1m (dB(A))	53-59
	ErP Level (35°C)	A+++
	ErP Level (55°C)	A++
	Operation Range (°C)	-25~43
	Circulating Pump Brand	SHINHO
	Expansion Tank (L)	2
	Fan Motor Type	DC
	Fan Quantity (PCS)	1
	Display	4-inch Colored Touch Screen
	Wi-Fi Function	YES
	Water Proof Class	IPX4
	Electricity Shock Proof	I
	Net Weight (kg)	115
	Net Dimensions (WxDxH) (mm)	1263x440x875
	Package Dimensions (WxDxH) (mm)	1327x455x1000
	20GP Container Quantity (set)	40
	40HQ Container Quantity (set)	84

Please be advised that EcoFlow reserves the right to modify the design, components, and specifications of its products at any time without prior notice or obligation. The actual product details and final design may vary from those shown or described in this brochure.