

Saving the planet...
one tub at a time



enerflow

Residential Heat Pump

Specifications: ERHP-SU range

	Note	Unit	Model				
			ERHP-SU08-MS	ERHP-SU14-MS	ERHP-SU26-MS	ERHP-SU08-PL	ERHP-SU14-PL
Refrigerant type			R410a	R410a	R410a	R410a	R410a
Mass of Refrigerant		g	540	1020	2000	550	860
Power Supply – Voltage		V	230/1ph	230/1ph	230/1ph	230/1ph	230/1ph
Power Supply – Frequency		Hz	50	50	50	50	50
Avg. Heat Pump Rated Current		A	2.73	5.68	9	3.32	4.8
Avg. Heat Pump Rated Power Supply		kW	0.6	1.25	1.97	0.73	1.05
Average Coefficient of Performance (COP)	1	W/W	3.33	3.66	3.44	3.15	3.4
Rated heating Capacity	2	kW	3	5	9.7	3.6	5
Electric Heater Rated Current		A	9	9	9	9	9
Electric Backup Element Rated Power Output (max)	3	kW	3	3	4	3	3
Water Temperature Setting Range	4	°C	30 ~ 55 ~ 75	30 ~ 55 ~ 75	30 ~ 55 ~ 75	30 ~ 55 ~ 75	30 ~ 55 ~ 75
Maximum Water Temperature		°C	75	75	75	75	75
Highest Ambient Temperature		°C	43	43	43	43	43
Lowest Ambient Temperature		°C	-5	-5	-5	-5	-5
Water Tank Allowable		L	100 – 200	150-300	200-500	100-200	150-300
Maximum Water Pressure		MPa	0.7	0.7	0.7	0.7	0.7
Inlet and Outlet Water Pipe Diameter		Inch	3/4"	3/4"	3/4"	3/4"	3/4"
Protection against water class			IPX4	IPX4	IPX4	IPX4	IPX4
Casing material			Electro Galvanised Powder Coated	Electro Galvanised Powder Coated	Electro Galvanised Powder Coated	UV resistant plastic	UV resistant plastic
Noise Level		dBA	<55	<55	<64	<55	<55
Net Weight (Electro Powder Coated casing)		kg	~43	~58	~82	~38	~51
Net Dimension		w x d x h	778 x 320 x 504	953 x 360 x 555	1010 x 370 x 614	710 x 292 x 535	830 x 310 x 605
Packing Dimension		w x d x h	820 x 420 x 530	1000 x 420 x 600	1060 x 390 x 635	835 x 380 x 600	980 x 405 x 680

1 Testing conditions:

Ambient Temperature DB 20°C / WB 15°C.
Complete water heating cycle 15°C to 55°C.

2 Ambient temperature of 30°C.

3 Heat pump output for backup element.

4 Water temperature will reach 55°C using the heat pump only. However if the water temperature needs to reach 75°C, the electric heater will be activated automatically above 55°C until the required temperature is reached.