



Swimming Pool Heat Pump



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Swimming Pool Heat Pump Unit

Powered by electricity, a heat pump water heater is like a fridge working in reverse, using 'free heat' extracted from ambient air which is then efficiently transferred to the water. Hot water heat pumps are incredibly energy efficient compared to other forms of heating and boast one of the lowest running costs amongst current water heating solutions.

A heat pump uses approximately 1kW of energy to produce approximately 4 kW of energy, making it the most energy-efficient heating option if compared to electric and gas systems, without being dependent on the weather like solar systems.



Advantages:

- Easy to install and operate
- Low operating costs and high efficiency
- Environmentally friendly refrigerants R410a
- Durability and long life expectancy
- Automatically maintains set temperature in all weather
- Quick and Easy temperature adjustment
- Quiet running

Technical data

Model		ESDPH-4CH	ESDPH-6CH	ESDPH-8CH	ESDPH-11CH	ESDPH-13CH	ESDPH-15CH
Heating capacity**A24/W27	KW	4	5.5	8.8	11	13	14.8
Heating power input**	KW	0.7	0.99	1.68	2.08	2.46	2.82
Rated current**	A	3.18	4.5	7.61	9.46	11.2	12.82
COP**	/	5.71	5.56	5.24	5.29	5.28	5.25
Max. water temperature	°C	40	40	40	40	40	40
Rated water temperature	°C	27	27	27	27	27	27
Water flow	m3/h	1.40	1.90	3.00	3.80	4.40	5.30
Water connections	inch	2"	2"	2"	2"	2"	2"
Noise	db	48	48	52	58	58	58
Power supply	V/PH/Hz	220 ~ 240/1/50	220 ~ 240/1/50	220 ~ 240/1/50	220 ~ 240/1/50	220 ~ 240/1/50	220 ~ 240/1/50
Refrigerant	/	R410a	R410a	R410a	R410a	R410a	R410a
Net weight	kg	37	60	65	69	74	85
Gross weight	kg	50	73	78	82	87	100
Net dimensions	mm	750*300*510	1010 x 330 x 600	1010 x 330 x 600	1010 x 330 x 600	1010 x 330 x 600	1110x460 x 687
Packing dimensions	mm	930*320*650	1120*380*760	1120*380*760	1120*380*760	1120*380*760	1220*500*860

Model		ESDPH-16CH	ESDPH-21CH	ESDPH-26CH	ESDPH-34CV	ESDPH-42CV	ESDPH-52CV
Heating capacity**A24/W27	KW	16	21	26	34	42	52
Heating power input**	KW	3.05	4.05	4.98	6.50	8.15	10.02
Rated current**	A	4.63	6.15	7.57	9.87	12.38	15.22
COP**	/	5.25	5.19	5.22	5.23	5.15	5.19
Max. water temperature	°C	40	40	40	40	40	40
Rated water temperature	°C	27	27	27	27	27	27
Water flow	m3/h	5.50	7.50	9.00	14.50	18.00	22.00
Water connections	inch	2"	2"	2"	3"	3"	3"
Noise	db	58	60	62	62	65	68
Power supply	V/PH/Hz	220 ~ 240/1/50	380 ~ 400/3/50	380 ~ 400/3/50	380 ~ 400/3/50	380 ~ 400/3/50	380 ~ 400/3/50
Refrigerant	/	R410a	R410a	R410a	R410a	R410a	R410a
Net weight	kg	90	145	145	278	292	303
Gross weight	kg	105	160	160	296	310	321
Net dimensions	mm	1110x 460 x 687	1110*460*1250	1110*460*1250	1430 x 730 x 980	1430 x 730 x 980	1430 x 730 x 980
Packing dimensions	mm	1220*500*860	1220*480*1400	1220*480*1400	1510*820*1100	1510*820*1100	1510*820*1100