i-FL Pro

Inverter Pool Heat Pump

KRAFTWERK i-FL Pro Swimming Pool Heat Pump with silence character makes you calm down and relax when enjoy the comfortable swimming from - 15 C to 43 C.

CE

Parameters

kraftwerk

KRAFTWERK Inverter		KP FL PRO 7	KP FL PRO 9	KP FL PRO 12	KP FL PRO 16	KP FL PRO 18
Performance Condition (Air 27°C/Water 26°C/Humid. 80%)						
Heating Capacity	kW	1.82~7.24	2.23~ 9.00	1.97~11.66	3.25~16.00	3.50~18.70
Heating Capacity	Btu	6210-24700	7610-30710	6698-39644	11050-54400	11900-63580
Consumed Power	kW	0.15-1.28	0.18-1.54	0.16-2.00	0.30-2.91	0.32-3.65
COP	/	12.13-5.66	12.39-5.84	12.57-5.84	10.83-5.50	10.94-5.12
Performance Condition (Air 15°C/Water 26°C/Humid. 70%)						
Heating Capacity	kW	1.39-5.64	1.58-7.00	1.79-8.62	2.55-12.60	2.55-14.00
Heating Capacity	Btu	4740-19240	5390-23880	6086-29308	8670-42840	8670-47600
Consumed power	kW	0.24-1.28	0.27-1.47	0.29-1.91	0.44-2.80	0.47-3.24
COP	/	5.79-4.41	5.85-4.76	6.17-4.52	5.80-4.50	5.43-4.32
Power Supply	/	220-240V~/1Ph				
Fan Quantity	/	1	1	1	1	1
Fan Speed	RPM	700	800	800	750	750
Sound Pressure 1m dB	A	38-50	39-51	42-53	43-54	43-55
Sound Pressure in silence mode 1m dB		39	41	43	44	44
Water Connection	mm	50				
Water Flow Volume	m3/h	2.4	3.0	3.7	5.2	6.0
Water Pressure Drop	(max) kPa	2	3	4	5	5
Carton size	mm	1030*435*615	1030*435*615	1030*435*615	1130*480*780	1210*510*880

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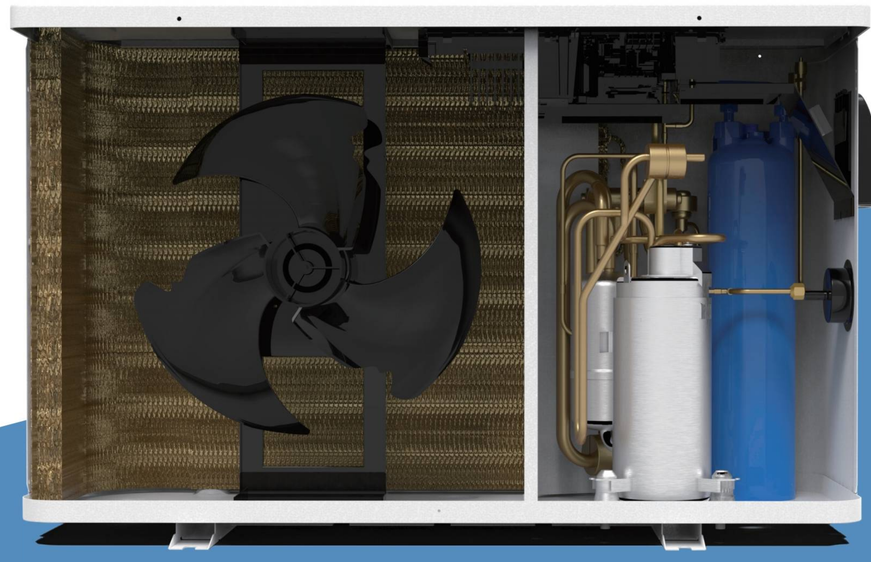
SUPER SILENT

Low Noise

MITSUBISHI ELECTRIC

Compressor Brand

Fan Blade



*The compressor inside the unit is wrapped by full sponge which is a new noise reduction internal structure proved to effectively reduce sound level.

*The system adopts Mitsubishi compressor with much lower running noise.

*A new developed fan blade design is applied at the heat pump which makes the unit run even quieter.

As a result, the sound level of the unit at 1 meter is as low as 39dB(A) under silence mode.

MUCH SMARTER

COP

High COP

High Efficiency of COP 12.5

With a leading and mature full inverter technology, the unit can reach a high COP of 12.5.

DTU Module

4G-DTU

In order to facilitate the management and maintenance of the machine, PHNIX's latest intelligent remote control technology-4G-DTU is available for this unit .Data transferring strarts once it powered on.

Integrated board

Easy Maintenance Design

The unit uses the new Ruking-Emerson driver board with integrated and compact design. The board is installed upside-down in the heat pump which effectively help solve probelms such as water ponding and dust accumulation.Only one screw needs to be taken down for maintenance.