

Parameters



Inverter Pool Heat Pump

Model	020-BP	030-BP	040-BP	050-BP	060-BP	070-BP	050S-BP	060S-BP	070S-BP
Advised Pool Volume(m³)	25-50	30-60	40-75	50-95	65-120	90-169	50-95	65-120	90-169
Operating Air Temperature(°C)	-15~43								
Performance Condition: Air 27°C/Water 26°C/Humidity 80%									
Heating Capacity(kW)	2.15~9	2.85~12	3.77~17	4.6~19.5	5.7~24.2	6.7~28.3	4.6~19.5	5.7~24.2	6.7~28.3
Heating Capacity(Btu)	7310~30600	9690~40800	12818~57800	15640~66300	19380~82280	22780~96220	15640~66300	19380~82280	22780~96220
Consumed Power(kW)	0.16~1.6	0.21~2.12	0.3~3.02	0.37~3.94	0.46~4.8	0.54~5.57	0.37~3.94	0.46~4.8	0.54~5.57
COP	13.44~5.63	13.57~5.66	12.57~5.63	12.43~4.95	12.39~5.04	12.41~5.08	12.43~4.95	12.39~5.04	12.41~5.08
Performance Condition: Air 15°C/Water 26°C/Humidity 70%									
Heating Capacity(kW)	1.75~7.4	2.25~9.7	2.92~12.4	3.84~15.4	4.68~19.9	5.46~23.3	3.84~15.4	4.68~19.9	5.46~23.3
Heating Capacity(Btu)	5950~25160	7650~32980	9928~42160	13056~52360	15912~67660	18564~79220	13056~52360	15912~67660	18564~79220
Consumed Power(kW)	0.25~1.6	0.32~2.08	0.44~2.86	0.6~3.81	0.72~4.74	0.83~5.49	0.6~3.81	0.72~4.74	0.83~5.49
COP	7~4.63	7.03~4.66	6.64~4.34	6.4~4.04	6.5~4.2	6.58~4.24	6.4~4.04	6.5~4.2	6.58~4.24
Performance condition: Air 10°C/Water 26°C/Humidity 64%									
Heating Capacity(kW)	1.42~6.1	1.88~8	2.5~10.7	3.38~14.4	4.2~17.8	4.9~20.8	3.38~14.4	4.2~17.8	4.9~20.8
Heating Capacity(Btu)	4828~20740	6392~27200	8500~36380	11492~48960	14280~60520	16660~70720	11492~48960	14280~60520	16660~70720
Consumed Power(kW)	0.25~1.5	0.33~1.95	0.45~2.64	0.62~3.62	0.75~4.4	0.87~5.1	0.62~3.62	0.75~4.4	0.87~5.1
COP	5.68~4.07	5.7~4.1	5.56~4.05	5.45~3.98	5.6~4.05	5.63~4.08	5.45~3.98	5.6~4.05	5.63~4.08
Power Supply	220-240V~/1Ph						380-400V~/3Ph		
Casing Type	ABS	ABS	ABS	ABS	ABS	ABS	ABS	ABS	ABS
Compressor Quantity	1	1	1	1	1	1	1	1	1
Compressor	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Fan Quantity	1	1	1	1	2	2	1	2	2
Fan Power Input(W)	75	75	75	75	75	75	75	75	75
Fan Speed (RPM)	400-800	400-800	500-750	500-900	400-800	400-900	500-900	400-800	400-900
Fan Direction	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
Sound Pressure 1m dB(A)	40-50	42-52	44-53	45-56	46-57	48-58	45-56	46-57	48-58
Silence Mode 1m dB(A)	40	42	44	45	46	48	45	46	48
Sound Pressure 10m dB(A)	20-30	22-32	24-33	25-36	26-37	28-38	25-36	26-37	28-38
Silence Mode 10m dB(A)	20	22	24	25	26	28	25	26	28
Water Connection (mm)	50	50	50	50	50	50	50	50	50
Water Flow Volume (m3/h)	3.5	4.7	5.4	6.7	8.6	10.0	6.7	8.5	10.0
Water Pressure Drop(max.) kPa	4	4.5	5	6	11	15	6	11	15
Net Dimensions(L/W/H) (mm)	950x400x620		1110x480x870		1165x470x1275		1110x480x870	1165x470x1275	
Qty per 20ft/40ft	78/171		40/86		20/43		40/86	20/43	
Refrigerant Gas	R410A/R32								

The data above is only a reference. For model specifications, please refer to the nameplate on the unit.

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V201909SP01

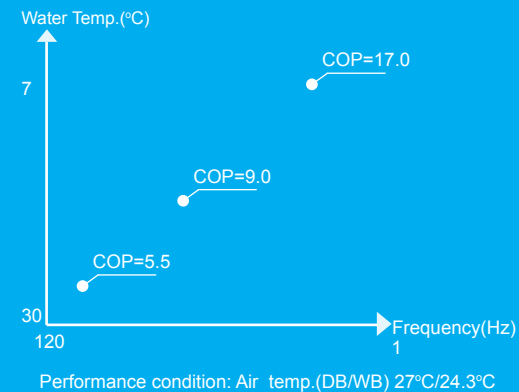


-ForceLine X

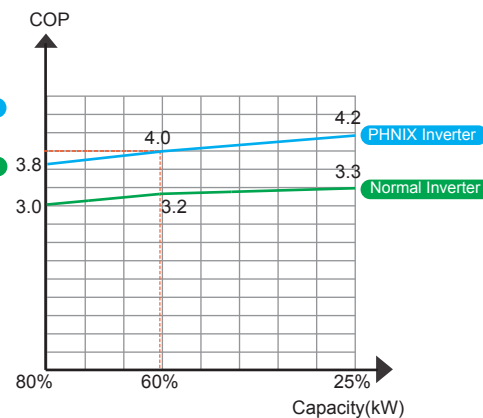
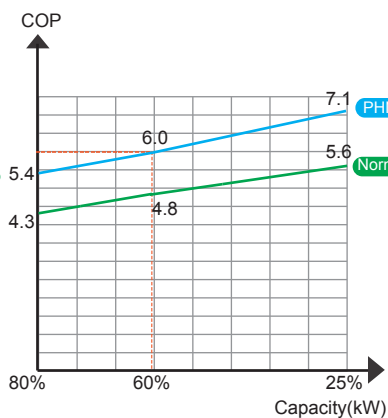
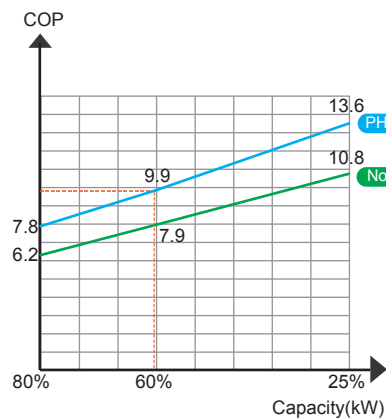


Inverter Pool Heat Pump i-ForceLine X

Inverter technology makes swimming pool heat pump achieve an extremely high COP, comparing with normal heat pump in the market. Besides, the heating time is much shorter. It greatly saves energy and enables you to enjoy swimming with no need for waiting for a long time.

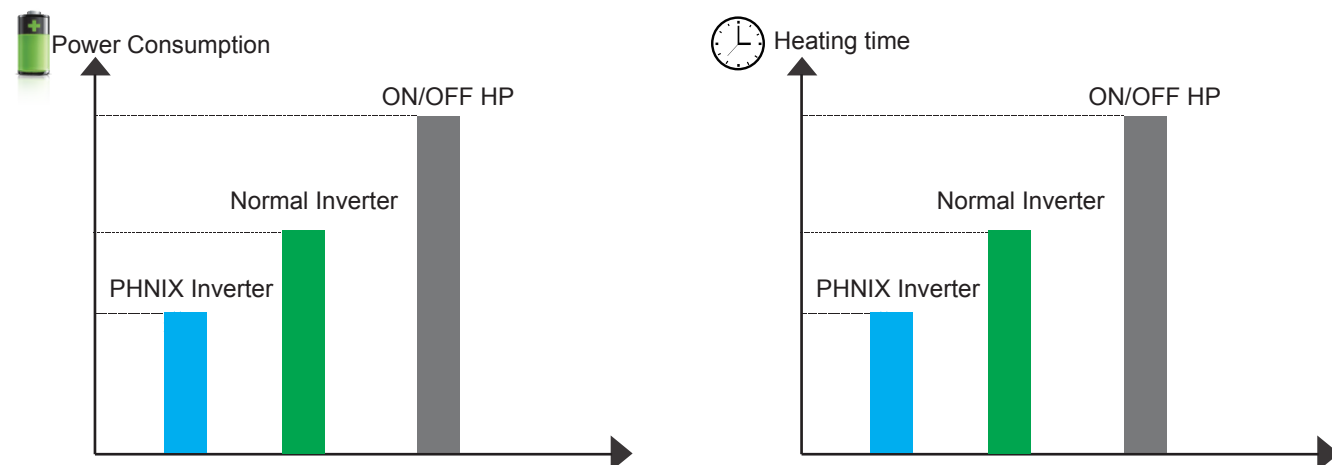


Maintain High COP in Different Ambient Conditions



No matter it's cold or warm outside, PHNIX i-ForceLine X can always keep high COP.

Save Energy and Speed up Heating Time



With short heating time, users don't need to wait for a long time before enjoying swimming. In the meanwhile, it saves more energy than ON/OFF heat pump and normal inverter heat pump.

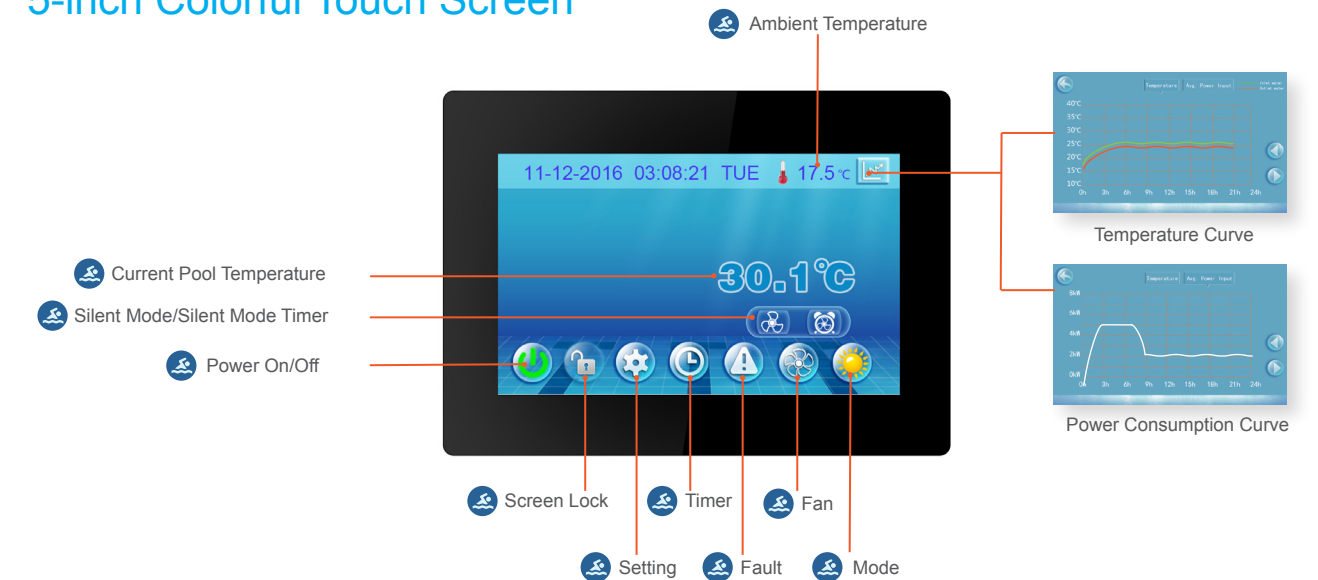
Stay Silent and Peaceful in Your Backyard



i-ForceLine X works very silently thanks to a unique ventilation internal system.

We specially provide a silence mode to make sure you meet your councils noise requirements and keep your neighbours happy.

5-inch Colorful Touch Screen



Unlike normal inverter pool heater, PHNIX i-ForceLine X Inverter Pool Heat Pump has a high-end controller with 5-inch colorful touch screen. Temperature and power consumption curve makes users always be clear of the energy use.

PHNIX SMART PCB - Make Inverter Stronger

