

Multiple Casing Options Available



Specification

i-GreenLine Neo R290		015- BP19	020- BP19	030- BP19	040- BP19	050- BP19	060- BP19	060S- BP19	070S- BP19
Operating air temperature	℃	-15~43℃							
Refrigerant		R290							
Certification		CE/CB							
Performance Data									
SCOP(EN17645)		7	7	7	7	7	7	7	7
Air 27°C/ Water 26°C/ Humid. 80%									
Heating Capacity(kW)	kW	2.8~7.2	3.1~9.5	3.4~12.0	5.8~17.0	6.0~20.0	9.5~25.0	9.5~25.0	10.6~30
Consumed power (kW)	kW	0.187~1.137	0.207~1.613	0.227~1.967	0.387~3.282	0.400~3.795	0.633~4.098	0.633~4.098	0.707~5.000
COP		15.0~6.33	15.0~5.89	15.0~6.1	15.0~5.18	15.0~5.27	15.0~6.1	15.0~6.1	15.0~6.0
Air 15°C/ Water 26°C/ Humid. 70%									
Heating Capacity(kW)	kW	1.3~5.61	1.5~7.15	1.6~8.25	2.6~12.1	2.64~13.75	4.18~18.8	4.18~18.8	5.8~22.3
Consumed power (kW)	kW	0.191~1.189	0.230~1.589	0.246~1.833	0.394~2.630	0.400~2.970	0.624~4.087	0.624~4.087	0.853~4.715
COP		6.8~4.72	6.5~4.5	6.5~4.5	6.6~4.6	6.6~4.63	6.7~4.6	6.7~4.6	6.8~4.73
Air 35°C/ Water 29°C/ Humid. 64%									
Cooling Capacity(kW)	kW	3	3.7	4.2	7.9	8.8	14	14	16.5
Technical data									
Power Supply		220-240V~/1Ph						380V~/3Ph	
Fan Quantity		1	1	1	1	1	1	1	1
Fan speed		500~800	600~850	700~850	700~800	650~750	500~750	500~750	500~750
Sound Pressure 1m	dB(A)	39~47.5	40~48	40~49	45.4~53	47~51	47.6~55	47.6~55	47.6~56
Sound Pressure 10m	dB(A)	21.5~30	22.5~30.5	22.5~31.5	25~35	30~34	30.9~38	30.9~38	30.9~39.2
Water Connection	mm	50							
Water Flow Volume	m3/h	2.8	3.8	4.4	6.2	7.7	9.7	9.7	11.0
Water Pressure Drop (max)	kPa	4.0	4.0	4.5	5.0	8.0	15	15	22
Net Dimensions L/W/H	mm	888*360*608			1002×453×767.5			1160×490×862	
Package dimension		970×410×630			1130×485×780			1210×510×880	
Qty per 20'GP/40'GP/40'HQ		78/168/168			44/96/96			38/82/82	

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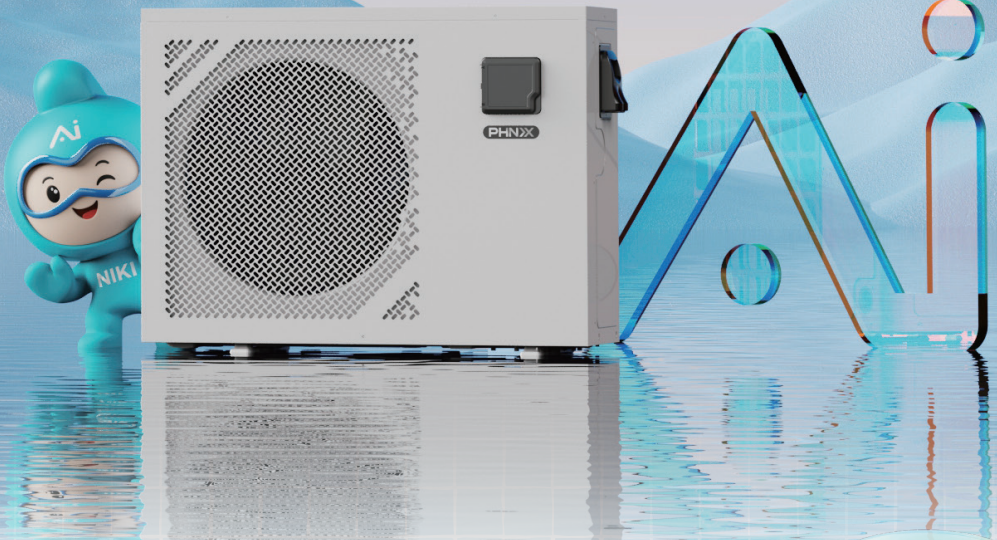
Best Seller — High Performance, Affordable Price!



i-GreenLineNeo
Swimming Pool Heat Pump

Swim Ahead with Industry-First AI Full Inverter

30%+ More Energy Saving



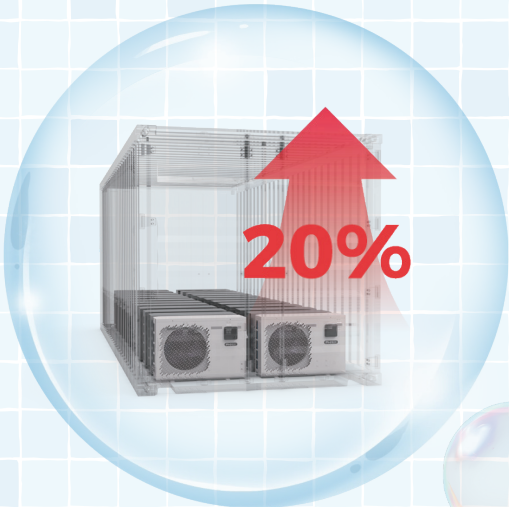
Green by Design

R290 refrigerant has an extremely low GWP value (GWP=3), showing a minimal impact on the global-warming effect and playing a positive role in going carbon-neutral.



Compact Design

Compact structure increases container capacity by over 20%, reducing shipping costs and improving delivery efficiency.



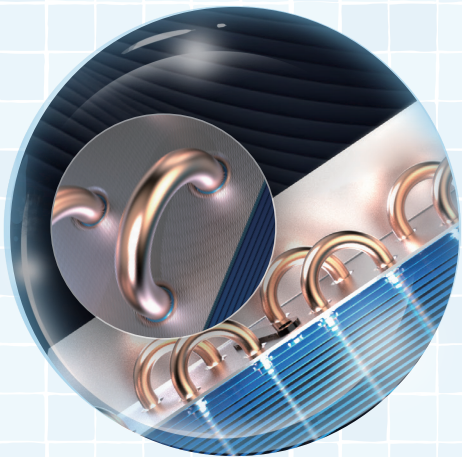
COP up to 15 & SCOP 7

Delivering A-class efficiency with outstanding performance and significant energy savings.



Smart Control (option)

Multilingual display with Wi-Fi and 4G DTU connectivity makes installation and end-user support effortless worldwide.



Φ5mm Fin Tubes

The first pool heat pump to feature Ø5mm fin tubes, boosting SCOP by 20%.

Potting Design

After glue filling, it offers 5-fold protection, including resistance to moisture, dust, and shocks, as well as protection against pet-related damage and short circuits. This significantly reduces the failure rate of PCB boards by up to 90%.

