



# i-Forceline<sup>®</sup> Neo

Full Inverter Swimming Pool Heat Pump

More pools. More savings. Worldwide.

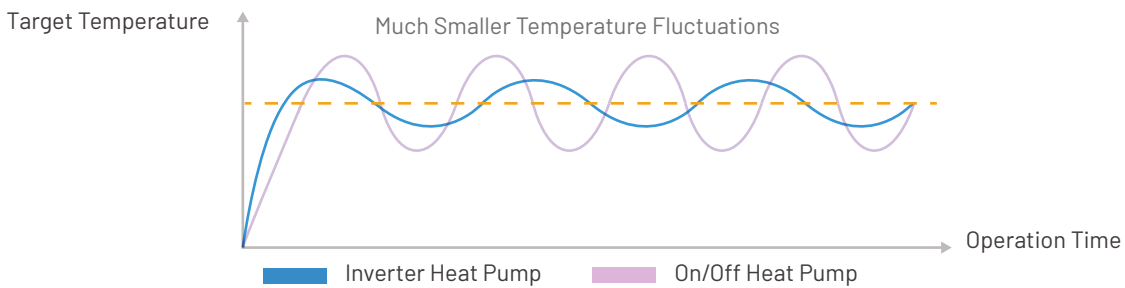


[PENTAIR.COM](http://PENTAIR.COM)



# FULL INVERTER SWIMMING POOL HEAT PUMP

The application of an improved compressor and inverter technology synergies is a crucial element for the unit to be a top performer which can raise the energy efficiency and provide homeowners with greater cost-savings.



**Full Inverter Tech**



**Low Transportation Cost**



**Cost - Effective**



**Easy Control**



**RS485 Connection**



**Easy Maintenance**



**Heating & Cooling**



**Intelligent Defrosting**



**Low Noise**

## LinkedGo Smart Display

Pentair endeavors to provide users easy and smart control experience for heat pumps. Throughout market trial and testing year on year, the smart display family becomes Pentair core strength.





## Aqua Temp

Pentair provides two ways to let you get control of your heat pumps.

- Apps for Apple® and Android™ smartphones and tablets
- Webpage works on virtually any other smart device including PC



i-ForceLine Neo		010-BP12	015-BP12	020-BP12	030-BP12	035-BP12	040-BP12	050-BP12	060-BP12	060S-BP12	070S-BP12	
Operating Air Temperature	°C	-7~43										
Refrigerant Type	/	R32										
Certification	/	CE										
Performance condition: Air 27°C/Water 26°C/Humidity 80%												
Heating Capacity	kW	2.0-5.4	2.0-7.0	2.4-9.0	2.56-11.5	3.2-13.2	4.05-15.5	4.38-18.4	4.7-24.0	9.8-24.6	7.7-28.0	
Consumed Power	kW	0.20-0.87	0.20-1.21	0.24-1.55	0.25-1.92	0.31-2.28	0.4-2.63	0.44-3.17	0.36-4.0	0.70-3.52	0.59-4.7	
COP	/	10.2-6.2	10.2-5.8	10.0-5.8	10.4-6.0	10.3-5.8	10.1-5.6	10.0-5.8	13.0-6.0	14.0-7.0	13.0-6.0	
Heating capacity: Air 15°C/Water 26°C/Humidity 70%												
Heating Capacity	kW	1.1-3.8	1.1-5.0	1.2-6.5	1.5-8.5	1.78-9.95	2.2-11.4	2.4-13.8	4.4-18.5	7.2-19.1	6.4-21.8	
Consumed Power	kW	0.18-0.88	0.18-1.25	0.2-1.57	0.24-1.97	0.29-2.26	0.35-2.59	0.39-3.07	0.61-4.02	0.94-3.60	0.88-4.74	
COP	/	6.0-4.32	6.0-4.0	6.0-4.1	6.2-4.3	6.2-4.4	6.2-4.4	6.1-4.5	7.2-4.6	7.6-5.3	7.3-4.6	
Heating capacity: Air 10°C/Water 26°C/Humidity 64%												
Heating Capacity	kW	1.3-3.5	1.3-4.6	1.56-5.9	1.66-7.5	2.15-8.75	2.63-10.0	2.84-12.0	5.0-15.6	5.7-15.6	5.7-17.8	
Consumed Power	kW	0.26-0.91	0.26-1.28	0.31-1.64	0.33-1.97	0.42-2.30	0.52-2.56	0.56-3.08	0.82-3.91	0.90-3.54	0.90-4.13	
COP	/	5.0-3.8	5.0-3.6	5.0-3.6	5.0-3.8	5.0-3.8	5.0-3.9	5.1-3.9	6.1-4.0	6.3-4.4	6.3-4.3	
Power Supply	/	220-240V~/1Ph								380V~/3Ph		
Fan Quantity	/	1										
Fan Speed	RPM	500-700	500-700	500-700	500-850	500-850	500-750	500-750	400-800	600-700	400-800	
Water Connection	mm	50										
Water Flow Volume	m <sup>3</sup> /h	2.3	3.0	4.0	4.7	5.2	6.3	7.5	10.0	10.0	12.0	
Water Pressure Drop (max)	kPa	1.8	1.8	2.8	2.7	3.0	6.0	6.0	14.0	14.0	17.0	
Sound Pressure 1m	dB(A)	38-46	38-47	38-48	38-48	39-51	40-52	42-53	44-53	47-53	47-55	
Sound Pressure 10m	dB(A)	18-30	18-31	20-32	22-33	22-34	24-35	24-36	25-46	25-46	25-47	
Net Dimensions L/W/H	mm	888×360×608					1002×453×767.5			1160×490×862		



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