



Shark Series

Commercial Inverter Swimming Pool Heat Pump



Optional
Wi- Fi Control



LED
Touch Screen



High Energy
Efficiency



Low
Noise

Model: NE-F	130SPR4INVM-USA	210SPR4INVM-USA	310SPR4INVM-USA	350SPR4INVM-USA	410SPR4INVM-USA	450SPR4INVM-USA	350SPR4TINVM-USA	410SPR4TINVM-USA	450SPR4TINVM-USA
Ambient Temperature: (DB/WB) 27°C/24.3°C; Water Inlet/Outlet Temperature: 26°C/28°C									
Heating Capacity (kW)	2.71~13.98	4.77~21.60	7.06~30.80	8.10~34.80	10.43~40.09	11.24~43.02	8.10~34.80	10.43~40.09	11.24~43.02
Consumed Power (kW)	0.16~1.91	0.32~3.17	0.48~5.06	0.52~5.39	0.69~6.64	0.75~7.37	0.52~5.39	0.69~6.64	0.75~7.37
COP	16.84~7.32	14.91~6.80	14.71~6.09	15.58~6.46	15.12~6.04	14.97~5.84	15.58~6.46	15.12~6.04	14.97~5.84
Ambient Temperature: (DB/WB) 15°C/12°C; Water Inlet Temperature: 26°C									
Heating Capacity (kW)	1.92~10.41	3.43~15.04	5.08~20.94	5.84~24.56	7.30~28.20	7.95~30.18	5.84~24.56	7.30~28.20	7.95~30.18
Consumed Power (kW)	0.27~1.94	0.48~2.85	0.71~4.40	0.83~5.16	1.04~6.22	1.13~6.69	0.83~5.16	1.04~6.22	1.13~6.69
COP	7.08~5.35	7.15~5.26	7.15~4.76	7.04~4.76	7.02~4.53	7.04~4.51	7.04~4.76	7.02~4.53	7.04~4.51
Ambient Temperature: (DB/WB) 10°C/6.83°C; Water Inlet Temperature: 26.7°C									
Heating Capacity (kW)	1.20~8.08	2.01~11.23	3.05~15.27	3.43~17.23	4.42~19.86	4.79~21.26	3.43~17.23	4.42~19.86	4.79~21.26
Consumed Power (kW)	0.19~1.99	0.32~2.76	0.49~3.76	0.55~4.22	0.71~4.9	0.77~5.31	0.55~4.22	0.71~4.9	0.77~5.31
COP	6.24~4.06	6.23~4.07	6.22~4.06	6.24~4.08	6.23~4.05	6.22~4.00	6.24~4.08	6.23~4.05	6.22~4.00
Ambient Temperature: (DB/WB) 35°C/-; Water Inlet/Outlet Temperature: 30°C/28°C									
Cooling Capacity (kW)	7.65	13.00	15.50	17.90	20.15	21.56	17.90	20.15	21.56
Consumed Power (kW)	2.57	3.42	4.39	5.09	5.76	6.20	5.09	5.76	6.20
EER	2.98	3.80	3.53	3.52	3.50	3.48	3.52	3.50	3.48
Power Supply (kW)	220-240V/50Hz						380-415V/3N~/50Hz		
Operating Air Temperature (°C)	-10~43								
Heating temperature range (°C)	15~40								
Max power input (kW)	2.6	4.1	6.2	7.0	9.8	9.8	7.0	9.8	9.8
Max current (A)	11.3	22.0	27.0	31.0	47.0	47.0	13.2	17.5	17.5
Refrigerant	R32								
Quantities (kg) R32	0.85	1.40	2.10	2.90	4.0	4.0	2.80	4.00	4.00
Water proof level	IPX4								
Sound Pressure 1m (dB(A))	52	56	58	59	60	62	59	60	62
Water Flow Volume (m³/h)	5.8	9.0	13.2	15.0	17.6	18.5	15.0	17.6	18.5
Water Pressure Drop (max.) (kPa)	22	30	40	50	70	80	50	70	80
Air side heat exchanger	Hydrophilic fin and tube								
Water side heat exchanger	Titanium PVC Tank								
Water Pipe Connection (Inlet/Outlet)(mm)	50								
Net Dimensions (L/W/H) (mm)	762×662×710	800×742×783	800×742×965	907×842×1052	907×842×1052	907×842×1052	907×842×1052	907×842×1052	907×842×1052
Net Weight (kg)	72	94	108	141	146	146	141	146	146

Notice: The data above is only for reference. For specific data, please refer to the nameplate on the unit.
*Advised pool volume applies to a private pool with isothermal cover, from April to September.



Official Website

Version: 2025.05

Guangdong New Energy Technology Co., Ltd.

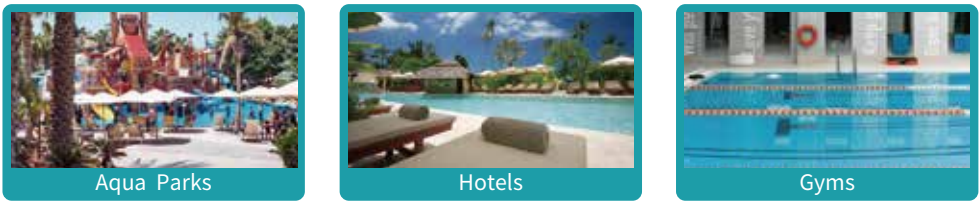
NO.125, Chuangyou Road, Xintang Town, Zengcheng, 511340, Guangzhou, Guangdong, P.R.China

✉ info@newenergy-e.com 🌐 www.newntide.com 📞 (+86) 189-2891-3031



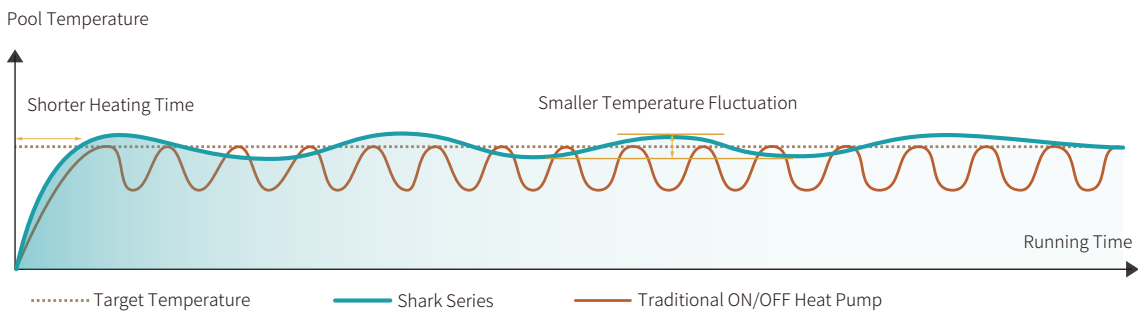
Applications

With powerful capacity and high efficiency, Shark Series can be suitable for aqua parks, hotels, gyms and so on.



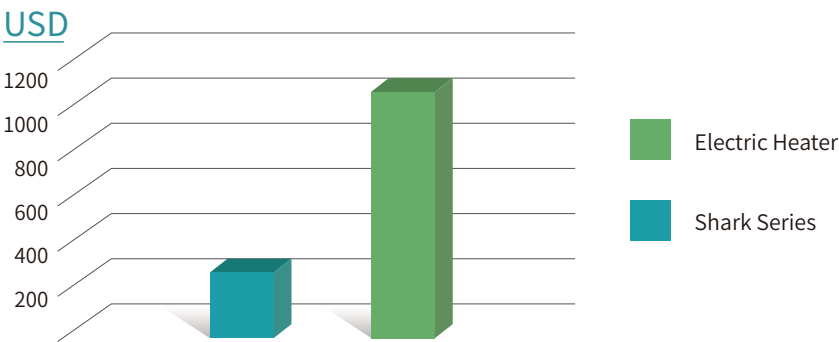
Full DC Inverter Technology

NEWNTIDE adopts full inverter technology for the commercial pool heat pump. With an inverter compressor, the Shark Series heats the water to the target temperature in a shorter time, and the water temperature remains stable as running time goes by.



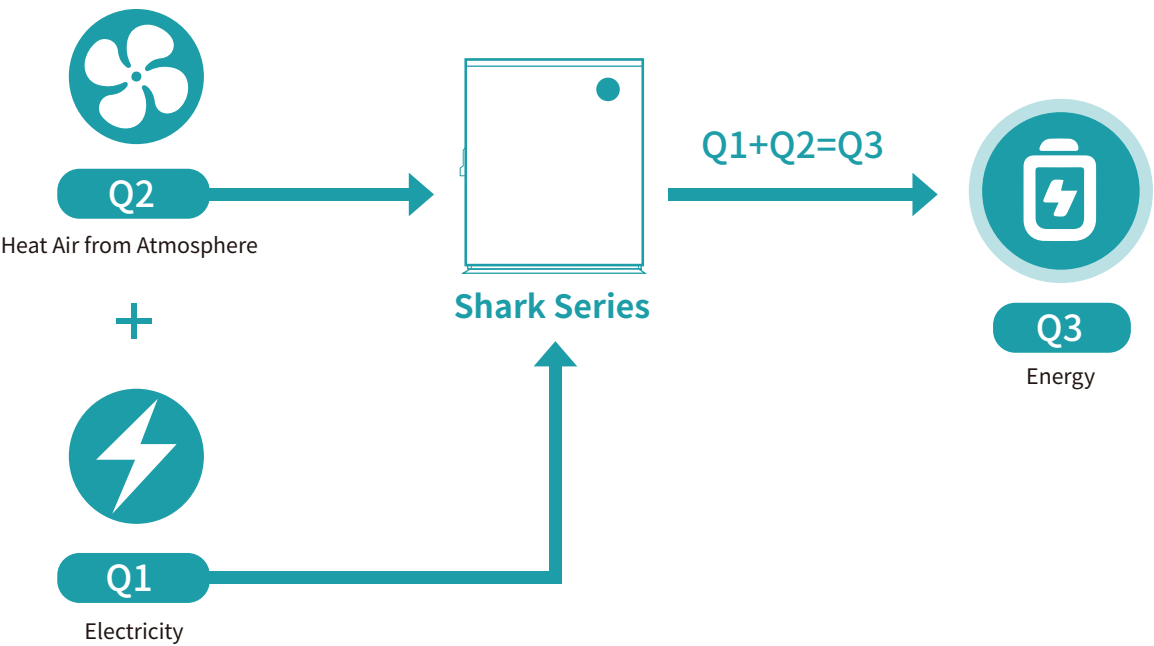
Low Running Cost

Adopting full inverter technology and special design, soft start and fast heating can be realized. And water temperature will be more constant, making you enjoy swimming all the time.



Super Performance

The heat pump obtains a large amount of heat in the air from the outdoor for free, and 1 unit of electricity can generate 3 units of heat energy. The unit can reduce power consumption and cut down the electricity cost.



Smart App Control

Have you ever imagined you can control heat pumps on your smartphone? NEWNTIDE Smart App technology is now welcomed on the market. If you have several units, you don't have to go to the machine room to check or control them from now on. All information about the heat pump is just at your fingertips.

