

Model: NE-F	150SPR4INVM-P	180SPR4INVM-P	210SPR4INVM-P	250SPR4INVM-PK	210SPR4TINVM-P	250SPR4TINVM-PK	280SPR4TINVM-PK
Performance Condition: Ambient Temperature: (DB/WB) 27°C/24.3°C; Water Inlet/Outlet Temperature: 26°C/28°C.							
Heating Capacity (kW)	3.06~15.26	4.50~18.04	5.95~21.06	5.10~25.01	5.95~21.06	5.10~25.01	5.77~28.02
Consumed Power (kW)	0.17~2.35	0.25~2.97	0.33~3.40	0.27~4.13	0.33~3.40	0.27~4.13	0.31~4.73
COP	18.00~6.49	18.01~6.06	18.02~6.19	18.49~6.06	18.02~6.19	18.49~6.06	18.51~5.92
Performance Condition: Ambient Temperature: (DB/WB) 15°C/12°C; Water Inlet Temperature: 26°C.							
Heating Capacity (kW)	2.05~10.54	2.66~14.37	2.79~14.23	3.47~16.98	2.79~14.23	3.47~16.98	8.23~20.24
Consumed Power (kW)	0.28~2.18	0.43~2.77	0.41~3.05	0.41~3.43	0.41~3.05	0.41~3.43	1.06~3.75
COP	7.2~4.82	6.06~5.18	6.71~4.65	8.34~4.94	6.71~4.65	8.34~4.94	7.74~5.39
Performance Condition: Ambient Temperature: (DB/WB) 35°C/-; Water Inlet/Outlet Temperature: 30°C/28°C.							
Cooling Capacity (kW)	3.41~5.01	4.15~5.44	4.4~10.12	4.6~11.5	4.4~10.12	4.6~11.5	4.65~16.06
Consumed Power (kW)	1.13~1.82	1.53~2.22	0.57~2.08	0.59~2.38	0.57~2.08	0.59~2.38	0.59~3.99
EER	3.02~2.76	2.71~2.45	7.75~4.86	7.81~4.88	7.75~4.86	7.81~4.88	7.82~4.03
Max. Power Input (kW)	3.1	4.0	4.1	4.9	4.1	4.9	5.0
Max. Current (A)	14.1	18.2	18.8	22.3	10.8	12.9	13.2
Advised Pool Volume (m³)	30~60	35~70	45~80	55~90	45~80	55~90	65~100
Power Supply	220-240V~/50Hz	220-240V~/50Hz	220-240V~/50Hz	220-240V~/50Hz	380-415V/3N~/50Hz	380-415V/3N~/50Hz	380-415V/3N~/50Hz
Running Ambient Temp. Range (°C)	-15~43	-15~43	-10~43	-10~43	-10~43	-10~43	-10~43
Heating Temperature Range (°C)	15~40	15~40	15~40	15~40	15~40	15~40	15~40
Cooling Temperature Range (°C)	8~28	8~28	8~28	8~28	8~28	8~28	8~28
Refrigerant	R32	R32	R32	R32	R32	R32	R32
Quantities (kg)	0.65	0.8	1.3	1.6	1.3	1.6	1.9
Compressor Type	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Compressor Brand	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi
Gas Control	EEV	EEV	EEV	EEV	EEV	EEV	EEV
4-Way Valve	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Heat Exchanger	Titanium in PVC	Titanium in PVC	Titanium in PVC	Titanium in PVC	Titanium in PVC	Titanium in PVC	Titanium in PVC
Casing Material	Galvanized	Galvanized	ABS Plastic /	ABS Plastic /	ABS Plastic /	ABS Plastic /	ABS Plastic /
	Sheet	Sheet	Galvanized Sheet	Galvanized Sheet	Galvanized Sheet	Galvanized Sheet	Galvanized Sheet
Water Pipe Connection (mm)	50	50	50	50	50	50	50
Sound Pressure 1m dB (A)	34~51	34~53	44~52	39~56	44~52	39~56	40~57
Water Flow Volume (m³/h)	6.6	7.7	9.1	10.8	9.1	10.8	12
Water Pressure Drop (kpa)	15.00	23.00	41	59	41	59	59
Electric Shock Proof	I	I	I	I	I	I	I
Water Proof Level	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Net Dimensions(L*W*H) (mm)	970×399×658	970×399×658	1100×455×765	1100×455×765	1100×455×765	1100×455×765	1100×455×765
Net Weight (kg)	53	62	75	80	75	82	82

Notice:
More plastic and galvanized steel appearances are available.
The above data is for reference only. The specific data is subject to actual product.

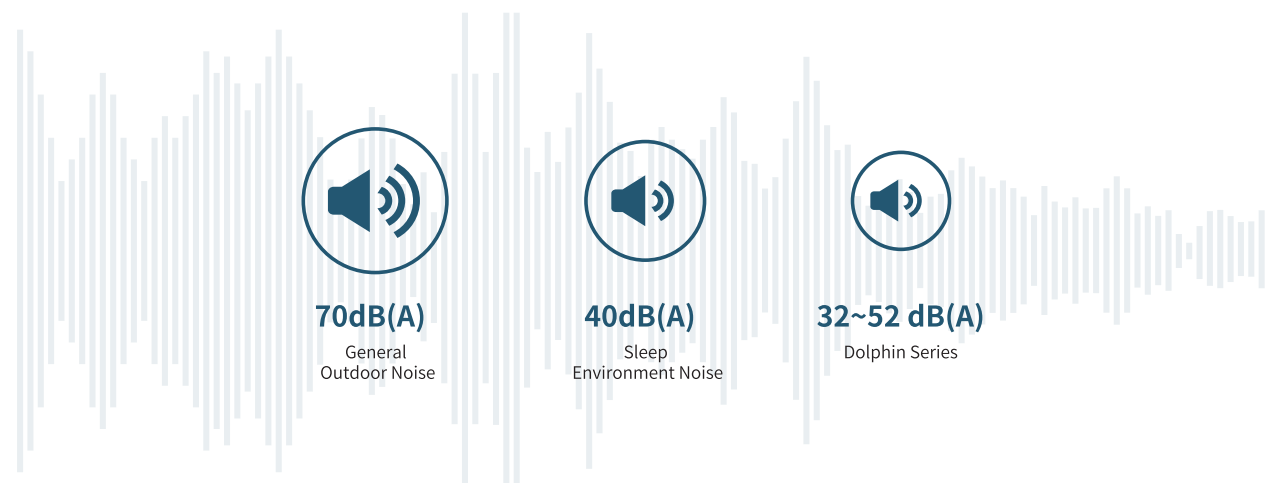
Dolphin Series

Residential Inverter Swimming Pool Heat Pump

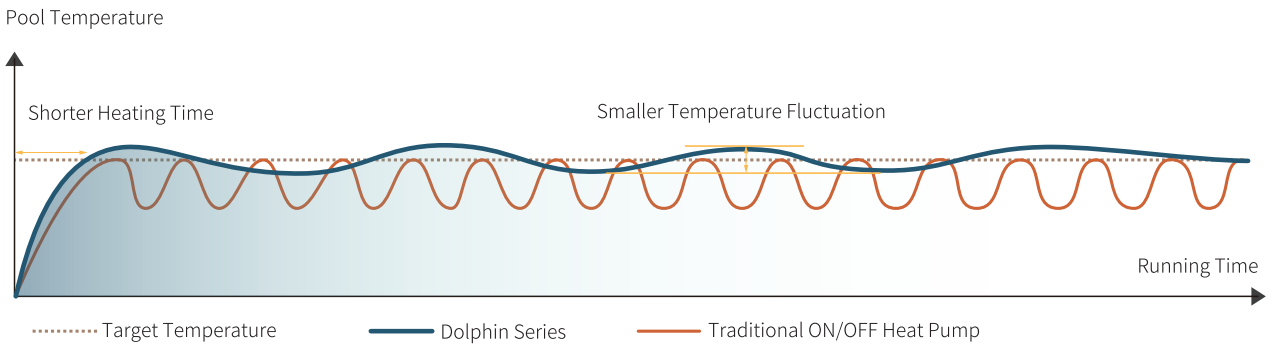


Quiet Operation

With DC inverter compressor, compressor damping design, and sound-absorbing cotton, G.T.E Dolphin Series can run amazingly quietly as low as 30dB(A).

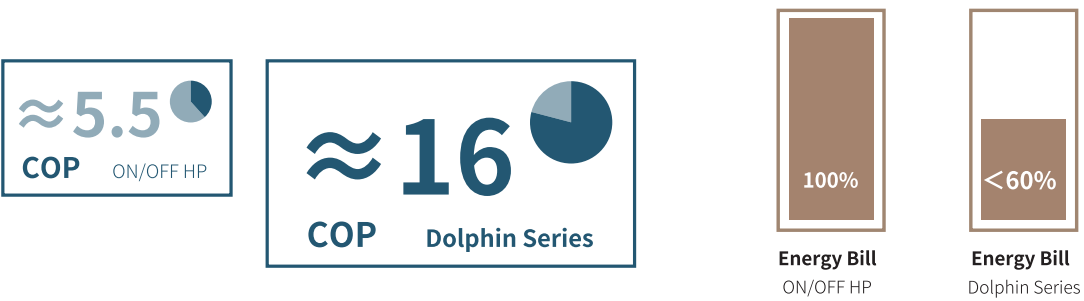


Constant Water Temperature

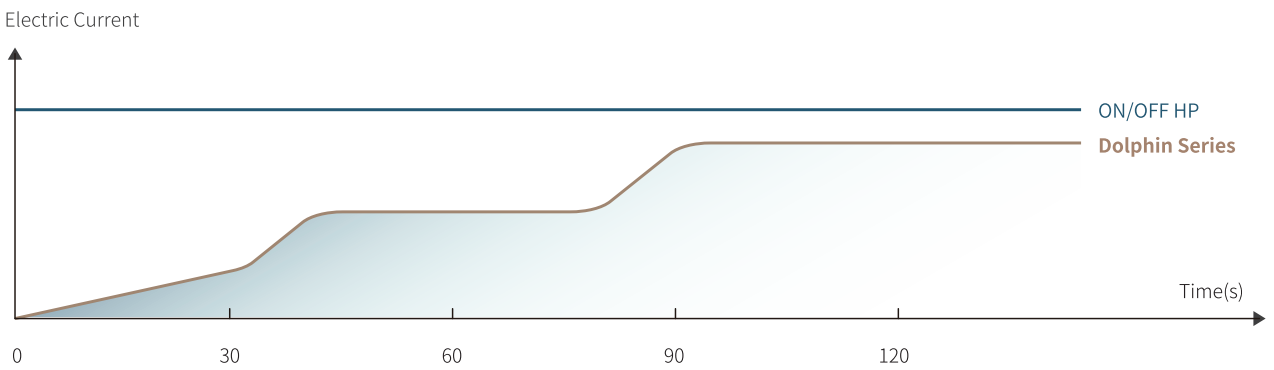


High Efficiency

Thanks to its full DC inverter technology, DC compressor & DC fan motor, Dolphin Series is with much higher efficiency than the ON/OFF heat pumps, which contributes to saving more energy bill for you.



Soft Start



Dolphin Series achieves completely soft switching at the start-up stage from an intensity of 0A to 28A(at maximum), while the traditional ON/OFF heat pumps start in a current intensity over three times higher, which will greatly impact the family electricity system.

