

Model: LWH-F	F5SVCLN5	F7SVCLN5	F9SVCLN5	F11SVCLN5	F15SVCLN5	F18SVCLN5	F21SVCLN5	F25SVCLN5	F21SVCLN5	F25SVCLN5	F28SVCLN5
Performance Condition: Ambient Temperature: (DB/WB) 27°C/24.3°C; Water Inlet/Outlet Temperature: 26°C/28°C.											
Heating Capacity (kW)	1.5~5.52	1.5~7.21	1.8~9.48	2.8~11.51	3.48~15.3	4.34~18.1	4.72~21.21	5.05~25.28	4.72~21.21	5.05~25.28	5.4~28.06
Consumed Power (kW)	0.09~0.82	0.09~1.09	0.11~1.44	0.17~1.74	0.22~2.35	0.27~2.81	0.29~3.26	0.31~3.89	0.29~3.26	0.31~3.89	0.33~4.32
COP	16.7~6.7	16.7~6.6	16.4~6.6	16.5~6.6	15.9~6.5	16.1~6.4	16.2~6.5	16.2~6.5	16.2~6.5	16.2~6.5	16.3~6.51
Boost Mode	Heating Capacity (kW)	5.52	7.21	9.48	11.51	15.3	18.1	21.21	25.28	21.21	25.28
	COP	6.7	6.6	6.6	6.6	6.5	6.4	6.5	6.5	6.5	6.51
Smart Mode	Heating Capacity (kW)	4.5	5.8	7.8	9.1	11.55	14.01	17	20.4	17	20.4
	COP	8.91	9.03	9.02	9.32	9.18	9	9.35	8.9	9.35	8.9
Silent Mode	Heating Capacity (kW)	2.1	2.8	3.5	5.5	7.35	8.7	10.2	12.3	10.2	12.3
	COP	14.1	14.2	14.2	13.8	13.6	13.2	13.1	13.6	13.1	13.5
Performance Condition: Ambient Temperature: (DB/WB) 15°C/12°C; Water Inlet Temperature: 26°C.											
Heating Capacity (kW)	1.11~3.91	1.3~5.42	1.51~7.89	2.2~8.21	2.96~11.14	3.44~13.35	3.51 - 14.21	3.81 - 17.08	3.51 - 14.21	3.81 - 17.08	4.04~18.49
Consumed Power (kW)	0.13~0.75	0.16~1.06	0.18~1.52	0.27~1.61	0.36~2.19	0.41~2.61	0.43~2.78	0.48~3.35	0.43~2.78	0.48~3.35	0.49~3.56
COP	8.4~5.2	8.1~5.1	8.3~5.2	8.1~5.1	8.3~5.1	8.3~5.1	8.1~5.1	8~5.1	8.1~5.1	8~5.1	8.2~5.2
Boost Mode	Heating Capacity (kW)	3.91	5.42	7.89	8.21	11.14	13.35	14.21	17.08	14.21	17.08
	COP	5.2	5.1	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.2
Smart Mode	Heating Capacity (kW)	3.1	4.3	6.1	6.58	8.65	10.55	11.2	13.5	11.2	13.5
	COP	6.21	6.23	6.22	6.19	6.2	6.16	6.2	6.21	6.2	6.18
Silent Mode	Heating Capacity (kW)	2.2	2.4	2.5	4.37	5.55	6.72	7.5	8.3	7.5	8.3
	COP	7.59	7.55	7.58	7.53	7.55	7.54	7.5	7.52	7.5	7.53
Performance Condition: Ambient Temperature: (DB/WB) 35°C/-; Water Inlet/Outlet Temperature: 30°C/28°C.											
Cooling Capacity (kW)	1.51~3.22	1.78~3.75	1.92~5.13	2.48~6.33	3.41~8	4.15~9.88	4.4 - 10.12	4.6 - 11.5	4.4 - 10.12	4.6 - 11.5	4.65~13.6
Consumed Power (kW)	0.19~0.67	0.22~0.78	0.24~1.06	0.31~1.3	0.43~1.65	0.53~2.03	0.57~2.08	0.59~2.38	0.57~2.08	0.59~2.38	0.59~2.8
EER	7.95~4.81	7.92~4.78	7.86~4.85	7.85~4.88	7.91~4.85	7.9~4.87	7.75~4.86	7.81~4.88	7.75~4.86	7.81~4.88	7.82~4.86
Boost Mode	Heating Capacity (kW)	3.22	3.75	5.13	6.33	8	9.88	10.12	11.5	10.12	11.5
	COP	4.81	4.78	4.85	4.88	4.85	4.87	4.86	4.88	4.86	4.88
Smart Mode	Heating Capacity (kW)	2.3	2.92	3.5	4.89	6.45	7.77	8.9	9.8	8.9	10.55
	COP	6.1	5.98	5.95	5.86	5.88	5.74	5.69	5.62	5.69	5.62
Silent Mode	Heating Capacity (kW)	1.8	2.18	2.4	3.12	4.15	4.88	5.55	5.86	5.55	5.86
	COP	7.28	7.31	7.28	7.16	7.15	7.12	7.11	7.12	7.11	7.12
Max. Power Input (kW)	1.31	1.61	1.75	2.3	3.2	3.9	4.1	4.5	4.1	4.5	5.4
Max. Current (A)	5.95	7.32	7.96	10.5	14.5	17.7	18.8	19.5	7.3	8.5	10.2
Advised Pool Volume (m³)	10~20	15~30	20~40	25~50	30~60	35~70	45~80	55~90	45~80	55~90	65~100
Power Supply	220-240V~/50Hz						380-415V/3N~/50Hz				
Running Ambient Temp. Range (°C)							-10 ~43				
Heating Temperature Range (°C)							15~40				
Cooling Temperature Range (°C)							8~28				
Refrigerant							R32				
Compressor Type							Rotary				
Compressor Brand							GMCC/Mitsubishi/Panasonic				
Gas Control							EEV				
4-Way Valve							Yes				
Fan Quantity							1				
Heat Exchanger							Titanium in PVC				
Casing Material							ABS Plastic / Galvanized Sheet				
Water Pipe Connection (mm)							50				
Sound Pressure 1m dB (A)	30~43	32~45	33~47	33~47	34~48	34~48	35~50	35~52	35~50	35~52	36~52
Water Flow Volume(m³/h)	2.4	3.1	4.1	4.9	6.6	7.7	9.1	10.8	9.1	10.8	12
Water Pressure Drop (kpa)	15.00	17.00	18.00	15.00	18.00	23.00	32.00	35.00	32.00	35.00	38.00
Electric Shock Proof							I				
Water Proof Level							IPX4				
Net Dimensions(L*W*H) (mm)	910×355×620			1000×400×660			1130×455×760				

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

Full DC Inverter Swimming Pool Heat Pump



Energy Saving



Low Noise



Soaking Bath



Swimming Pool



Hot Spring



High Efficiency

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

≈ 5.5
COP ON/OFF HP

≈ 11
COP Herring Series HP

100%

Energy Bill
ON/OFF HP

< 60%

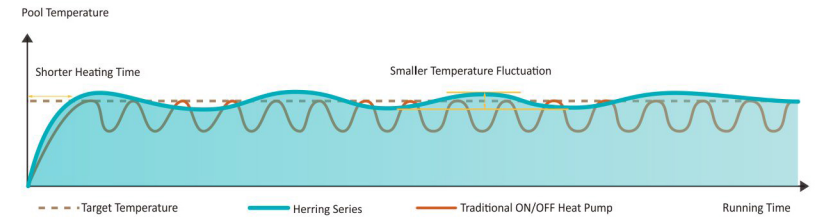
Energy Bill
Herring Series

Quiet Operation

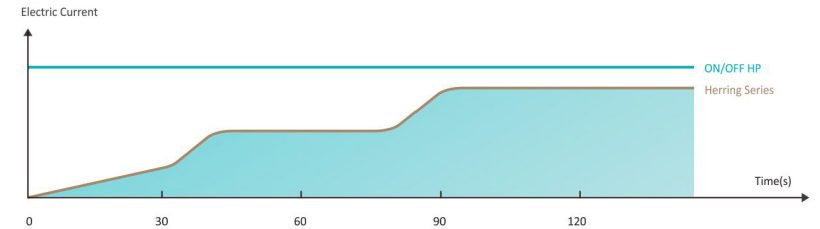
With DC inverter compressor, compressor damping design, and sound-absorbing cotton, Herring Series can run amazingly quietly as low as 34dB(A).



Constant Water Temperature



Soft Start



Herring 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.

