

SWG SERIES: FULL DC INVERTER POOL TEMPER



- Fully DC inverter, high efficiency
- Mitsubishi inverter Compressor
- DC inverter fan motor+sawtooth fan, super low noise
- WIFI function included(control heat pump with your cellphone easily)
- Beautiful design with ABS plastic casing, never rust
- 3 years warranty



HIGH COP
R32 gas High efficiency, COP to be 16.12



EASY TO CONTROL
Intelligent LCD controller, easy to control



WIFI AVAILABLE
Wifi available, can do remote monitoring by phone, stable branded server.

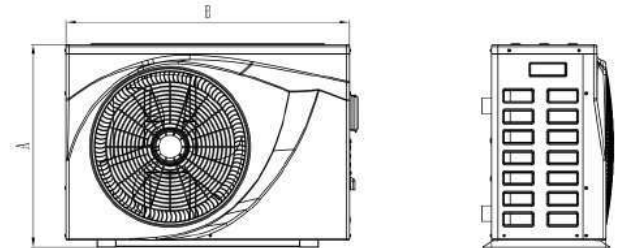


PLASTIC ANTI-UV
Plastic anti-UV long lasting cabinet, excellent looking

Model No.	SWG-07TF1	SWG-10TF1	SWG-13TF1	SWG-17TF1	SWG-21TF1	SWG-30TF1	SWG-30TF3	SWG-35TF1	
Advised pool volume(m3)	below 35	25~40	35~50	50~70	60~80	80~110	80~110	100~150	
Heating Capacity at Air 26°C, Humidity 80%, Water 26°C in, 28°C out									
Heating Capacity (kW)	7.76~1.76	10.55~2.40	13.61~3.09	17.15~3.88	21.41~4.85	30.01~6.81	30.05~6.84	35.62~8.26	
Power Input (kW)	1.12~0.11	1.52~0.15	1.95~0.19	2.46~0.24	3.08~0.30	4.30~0.42	4.30~0.42	5.10~0.51	
COP	15.75~6.94	15.84~6.95	16.12~6.98	15.96~6.98	15.95~6.96	16.11~6.98	16.14~6.99	16.12~6.98	
Heating Capacity at Air 15°C, Humidity 70%, Water 26°C in, 28°C out									
Heating Capacity (kW)	5.76~1.30	7.85~1.78	10.12~2.29	12.78~2.89	15.91~3.59	22.05~4.98	22.14~4.99	28.52~6.62	
Power Input (kW)	1.16~0.17	1.58~0.23	2.03~0.30	2.57~0.38	3.20~0.47	4.43~0.65	4.44~0.65	5.73~0.87	
COP	7.57~4.96	7.59~4.97	7.64~4.99	7.63~4.98	7.59~4.97	7.62~4.98	7.63~4.99	7.62~4.98	
Cooling Capacity at Air 35°C, Water 29°C in, 27°C out									
Cooling Capacity (kW)	4.28~1.06	5.92~1.48	7.25~1.82	9.47~2.35	11.58~2.96	15.86~3.91	15.89~3.93	20.11~4.67	
Power Input (kW)	1.15~0.16	1.57~0.22	1.89~0.26	2.51~0.34	3.07~0.43	4.18~0.56	4.17~0.56	5.28~0.67	
EER	6.61~3.73	6.74~3.76	6.95~3.83	6.89~3.78	6.87~3.77	6.94~3.79	6.98~3.81	6.97~3.81	
Power supply	220~240V / 1/ 50 Hz						380~415V / 3/ 50 Hz		220~240V / 1/ 50 Hz
Rated Power Input (kW)	1.2	1.6	2.1	2.6	3.2	4.4	4.4	5.7	
Rated Current(A)	5.4	7.3	9.4	11.7	14.6	20.1	20.1	26	
Compressor	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	
Refrigerant	R32	R32	R32	R32	R32	R32	R32	R32	
Heat Exchanger	Titanium	Titanium	Titanium	Titanium	Titanium	Titanium	Titanium	Titanium	
Air Flow Direction	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	
Water Flow Volume (m³/h)	2.5	3.5	4.5	5.5	6.5	9	9	12	
Kind of defrost	by 4 way valve	by 4 way valve	by 4 way valve	by 4 way valve	by 4 way valve	by 4 way valve	by 4 way valve	by 4 way valve	
Working temperature range (°C)	-15~43	-15~43	-15~43	-15~43	-15~43	-15~43	-15~43	-15~43	
Noise level (dBA) at 1m	<36~<45	<37~<46	<39~<47	<40~<48	<41~<49	<42~<50	<42~<50	<42~<50	
Noise level (dBA) at 10m	<19~<26	<20~<26	<20~<28	<21~<30	<23~<31	<24~<33	<24~<33	<24~<33	
Casing Material	ABS plastic	ABS plastic	ABS plastic	ABS plastic	ABS plastic	ABS plastic	ABS plastic	ABS plastic	
Net Dimensions (mm) (L x W x H)	836*379*591	836*379*591	896*389*641	896*389*641	896*389*641	1056*416*744	1056*416*744	1056*416*744	
Package Dimensions (mm) (L x W x H)	930*400*716	930*400*716	990*435*750	990*435*750	990*435*750	1146*460*869	1146*460*869	1146*460*869	
Net Weight(kg)	42	43	53	54	58	86	86	90	
Gross Weight(kg)	51	53	64	65	69	97	97	101	
Water Proof Level	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	
Piping Connection (inch)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	

Dimension:

	A	B	C
SWG-07/10 TF1	591	836	379
SWG-13/17/21 TF1	641	896	389
SWG-30/35 TF1	744	1056	416
SWG-30 TF3	744	1056	416



Range of application:

1. Power supply: TF1 220V-240V/1N-50Hz. or TF3 380V /3N
2. Ambient temperature: -15°C ~43°C
3. Working water temperature: Min. inlet water temperature 8°C, Max. Outlet Water Temperature 40°C. If the system is always used beyond the available water range, please contact with manufacturer.
4. Acceptable pH Value 7-8.5

