

EvoHeat Pool Heat Pump Technical Specification Model: CS57

ELECTRICAL INPUT				
Voltage/phase	380-415Volts /3 /50Hz			
Amps Per Phase @24° Air	20.7 Amps			
Max Amps Per Phase	25.1 Amps			
PERFORMANCE		HEATING	HEATING	COOLING
	WINTER	SUMMER		
air on conditions	15 °CDB, 12°CWB	24 °CDB, 19°CWB	35 °CDB	
Entering water temp	26°C	26°C	30°C	
Normal capacity	48.1kw	57.1kw	36kw	
power input	10.4kw	11.1kw	13.5kw	
COP	4.61	5.14	2.7	
Noise level	61d(B)A at 1m	61d(B)A at 1m	61d(B)A at 1m	
TECHNICAL DATA				
	Compressor	Fan		
Make	SANYO	YDWF		
Type	Scroll	axial		
Number per unit	2	2		
Voltage/phase	380-415Volts /3 /50Hz			
Pole/RPM	2	830(Each)		
Air Flow	N/A	11000m3/hr total		
HEAT EXCHANGER(water side)				
Type of water tube		Titanium		
Design		Shell / Tube		
Flow Rate		325L/min		
By Pass(optional)		N/A		
Max Outlet water temp		40°C		
Design Pressure Drop		25kPa		
Max.Operating Pres.		800kPa		
GENERAL INFORMATION				
Pool Water	50mm PVC			
Drain	32mm collection			
Defrost	Reverse Cycle De-Ice and Thermotec Element			
Cabinet Construction	304 Stainless Chassis and Cabinet			
Approx.shipping weight	300kg			
Size L*W*H mm	1490x735x1200mm			

Available Upgrades

316 Stainless Chassis and Cabinet

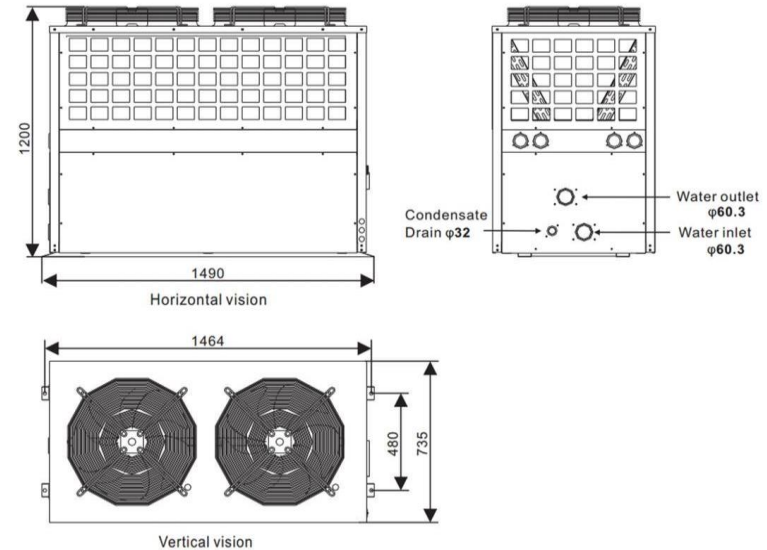
High Static Fans

Variable speed fan controllers

BMS Interface Control Systems



Models :CS38 SS304/CS47 SS304/CS57 SS304



Inclusions

Two Defrost Systems

EEV2 Refrigeration Control

V Evaporator

Ripple Fin Heat Exchanger

Goldtech Hydrophilic Fin Coating 2 Speed Fans

High Flow/Low Pressure Drop - Titanium Heat Exchangers

Direct Connect Ready

Tariff+ Timer Control

OFF -PEAK Tariff Optimizer

CS57

Water inlet: 26°C						
Ambient Temp(°C)	-5	2	7	15	24	30
Heating Capacity(KW)	19.2	29.4	39.8	48.1	57.1	60.5
COP	2.42	3.26	3.80	4.61	5.14	5.42

