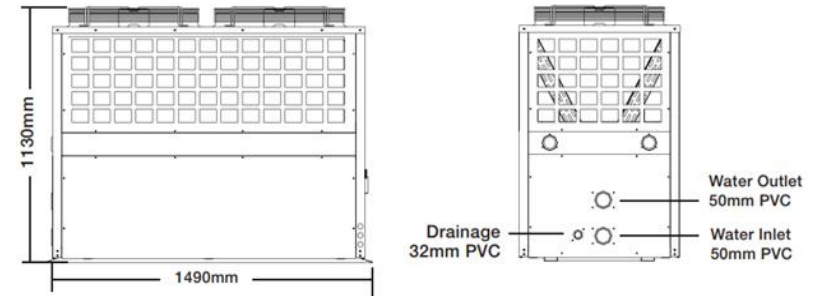


## EvoHeat Pool Heat Pump Technical Specification Model: CS47

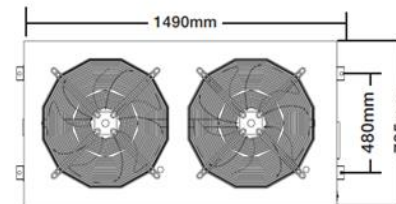
ELECTRICAL INPUT			
Voltage/phase	380-415Volts /3 /50Hz		
Amps Per Phase @24° Air	16.1 Amps		
Max Amps Per Phase	19.12 Amps		
PERFORMANCE	HEATING	HEATING	COOLING
	WINTER	SUMMER	
air on conditions	15°CDB, 12°CWB	24°CDB, 19°CWB	35°CDB
Entering water temp	26°C	26°C	30°C
Normal capacity	39.66kW	47kW	28.2kW
power input	9.13kW	9.3kw	10.1kW
COP	4.34	5.05	2.8
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		250L/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	1490x735x1130		

### Available Options

316 Stainless Chassis and Cabinet  
 High Static Fans  
 Variable speed fan controllers  
 BMS Interface Control Systems



Horizontal Vision



Vertical Vision

### Inclusions

Two Defrost Systems  
 EEV2 Refrigeration Control  
 V Evaporator  
 Ripple Fin Heat Exchanger  
 Goldtech Hydrophilic Fin Coating

High Flow/Low Pressure Drop - Titanium Heat Exchangers  
 Direct Connect Ready  
 Tariff+ Timer Control  
 OFF -PEAK Tariff Optimizer  
 2 Speed Fans

CS47

Water inlet: 26°C						
Ambient Temp(°C)	-5	2	7	15	24	30
Heating Capacity(KW)	19.4	26.5	33.0	39.7	47.0	51.7
COP	2.71	3.27	4.05	4.34	5.05	5.52

