

EVO POOL HEAT PUMP SPECIFICATION MODEL CS145

ELECTRICAL INPUT			
Voltage/phase	380-415Volts /3 /50Hz		
Amps Per Phase	52 Amps		
Min. Circuit Size	65 Amps		
PERFORMANCE			
	HEATING		COOLING
	WINTER	SUMMER	
air on conditions	15 °CDB, 12°CWB	24 °CDB, 19°CWB	35 °CDB
Entering water temp	27°C	27°C	30°C
Normal capacity	120kW	145kW	99kW
power input	23.5kW	25.5kW	26.4kW
COP	5.11	5.69	3.8
Noise level	71d(B)A at 5m	71d(B)A at 5m	71d(B)A at 5m
TECHNICAL DATA			
	Compressor	Fan	
Make	SANYO/COPELAND	KOMBO	
Type	Scroll	axial	
Number per unit	2	2	
Voltage/phase	380-415Volts /3 /50Hz	380-415Volts /3 /50Hz	
Pole/RPM	2	700(Each)	
Air Flow	N/A	14400m3/hr total	
HEAT EXCHANGER(water side)			
Type of water tube		Titanium	
Design		Shell / Tube	
Flow Rate		1000L/min	
By Pass(optional)		N/A	
Max Outlet water temp		40°C	
Design Pressure Drop		25kPa	
Max.Operating Pres.		800kPa	
GENERAL INFORMATION			
Pool Water	DN110		
Drain	20mm collection		
Defrost	Reverse Cycle De-Ice		
Cabinet Construction	1.2mm powdercoated steel		
Approx.shipping weight	825kg		
Size L*W*H	2175mm*1070mm*2030mm		

Available Options

BMS Interface Control Systems
Stainless Chassis and Cabinet

High Static Fans to suit client specification
Variable speed fan controllers

