

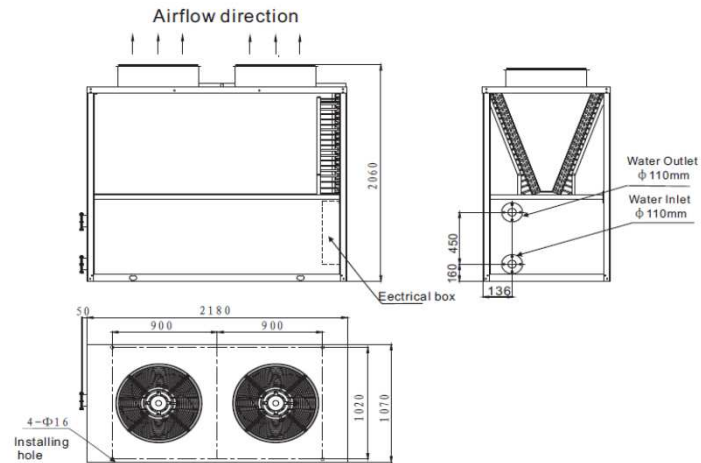
## EVO HEAT PUMP SPECIFICATION MODEL CS200-2

ELECTRICAL INPUT		
Voltage/phase	380-415Volts /3 /50Hz	
Amps Per Phase	58.6 Amps	
Min. Circuit Size	80 Amps	
PERFORMANCE	HEATING	HEATING
air on conditions	15 °CDB, 12°CWB	24 °CDB, 19°CWB
Entering water temp	26°C	26°C
Normal capacity	160kW	190kW
power input	30.8kW	32.8kW
COP	5.19	5.79
Noise level	67 d(B)A at 5m	67 d(B)A at 5m
TECHNICAL DATA		
	Compressor	Fan
Make	COPELAND/SANYO	KOMBO
Type	Scroll	axial
Number per unit	4	2
FLA(full load Amp)	14 Amps (each)	1.35Amps(Each)
Voltage/phase	380-415Volts /3 /50Hz	380-415Volts /3 /50Hz
Pole/RPM	2	920
Air Flow	N/A	47000m3/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		21kPa
Max.Operating Pres.		800kPa
GENERAL INFORMATION		
Pool Water	DN110	
Drain	20mm collection	
Defrost	Reverse Cycle De-Ice & Thermotec Element	
Cabinet Construction	1.2mm powdercoated steel	
Approx.shipping weight	820kg	
Size L*W*H	2180mm*1070mm*2060mm	

### Available Options

BMS Interface Control Systems  
 304 Stainless Chassis and Cabinet  
 316 Stainless Chassis and Cabinet

High Static Fans to suit client specification  
 Variable speed fan controllers  
 Blygold Evaporator Coating



Input/Output Water Temperature: 26°C/28°C						
Ambient temperature(°C)	-8	2	7	15	24	30
Heating capacity(KW)	55.00	95.00	125.00	160.00	190.00	218.00
COP	2.44	3.32	4.24	5.19	5.79	5.88

