HM-120C/TITAN

SWIMMING POOL HEAT PUMP



1. Specification

1.1. Basic Specification

Heat pump model		**HM-120C/TITAN**
Power supply		3Φ/380V/50Hz
MAX current		31.0 A
Compressor	Brand	Copeland
	Type	Scroll
	Model	ZW206HAP
	Quantity	2
	Refrigerant	R410A
Fan quantity		2
Water flow volume		16 - 25 m3/h
Water side heat exchanger		Titanium tube in PVC shell
Airside heat exchanger		Hydrophilic aluminum fin with copper tube
Casing		Powder Painted Galvanized steel
Working condition range		-7 ~ 43 °C
Heating water outlet temperature (Rated / Max.)		55 / 60 °C
Cooling water outlet temperature (Rated / Min.)		7 / 3 °C
Waterproof class		IPX4
Electric shock proof grade		I
Noise		60 dB(A)
Net dimension (LxWxH)		1420x760x1090 mm

1.2. Rated Performance

Heating capacity	57.5 KW
Power input	10.2 KW
C.O.P	5.6
Test condition of Rated Performance	
Ambient temperature (WB)	25°C
Water outlet temperature	30°C

1.3. Special Performance (1)

Heating capacity	44.5 KW
Power input	10.5 KW
C.O.P	4.2
Test condition of Rated Performance	
Ambient temperature (WB)	15°C
Water outlet temperature	30°C

1.4. Special Performance (2)

Heating capacity	50.5 KW
Power input	10.4 KW
C.O.P	4.9
Test condition of Rated Performance	
Ambient temperature (WB)	20°C
Water outlet temperature	30°C

1.5. Special Performance (3)

Cooling capacity	36.3 KW
Power input	8.9 KW
C.O.P	4.1
Test condition of Rated Performance	
Ambient temperature (WB)	35°C
Water (inlet / outlet) temperature	12°C / 7°C