

Inverter Heat Pump for Swimming Pools

PHP-65

Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

Set Code

Set Model

Outdoor unit model PHP-65

Certified

AHRI

CSA



SYSTEM PERFORMANCE DATA

Electrical

Power Supply	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Fuse	(A)	30
Power Cord	(AWG)	2x10
Operating Temperature	(°F)	32°F-109°F
Max. Pool Capacity	(Gal)	≤ 18000
	(L)	≤ 68000
Air Input Capacity (80°F)	(A)	2.30 - 14.8
	(kW)	0.53 - 3.39
Advised Water Flux	(L/min)	108 - 142
Sound Pressure at 3m	(dB(A))	38.2 - 47.3
Noise at 10 ft.	(dB(A))	≤ 50

Heating Capacity

Conditions: Air 80°F / Water 80°F / Humidity 80°F

Heating Capacity	(Btu/h)	65000
Heating Capacity (Silent Mode)	(Btu/h)	52000
COP	(W/W)	11.2 - 5.61

Conditions: Air 80°F / Water 80°F / Humidity 63°F

Heating Capacity	(Btu/h)	61000
Heating Capacity (Silent Mode)	(Btu/h)	48800
COP	(W/W)	9.9 - 5.35

Conditions: Air 50°F / Water 80°F / Humidity 63°F

Heating Capacity	(Btu/h)	37000
Heating Capacity (Silent Mode)	(Btu/h)	26970
COP	(W/W)	5.2 - 4.3

UNIT SPECIFICATIONS & DIMENSIONS

Casing	-	ABS Casing
Air Discharge	-	Horizontal
Water Pipe In-Out Dimensions	(in)	1 1/2"
Unit Dimensions (WxDxH)	(in)	37.8 x 16.5 x 25.9
Net Weight	(lbs)	134
Heat Exchanger	-	Titanium PVC
Waterproof Class	-	IPX4

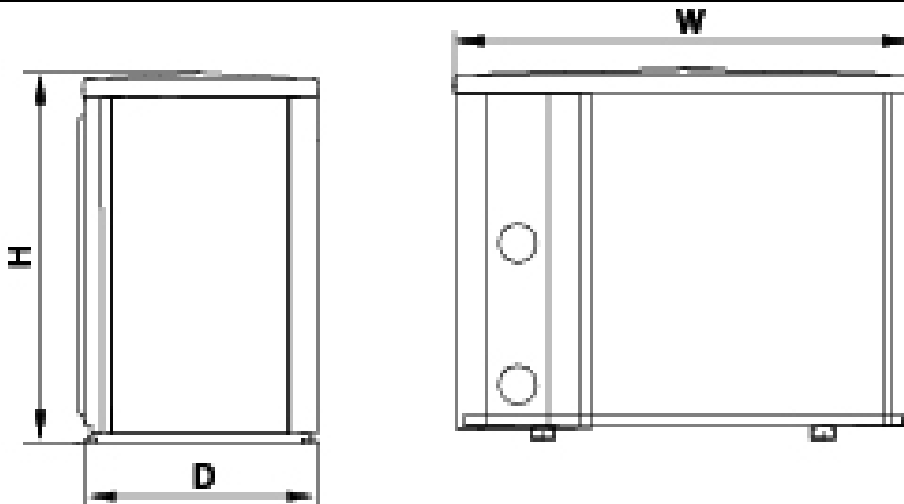
REFRIGERANT DATA

Refrigerant Type	-	R410A
Charge Amount	(oz)	47.6
Design Pressure (High)	(PSIG)	≤609
Design Pressure (Low)	(PSIG)	≤261

WARRANTY DATA

Parts & Labor	-	3 years
Exchanger & Compressor	-	5 years

Unit Dimensions



Size(inch) / Name / Model	W (Width)	D (Depth)	H (Height)
PHP-65	37.8	16.5	25.9