



Submittal Data Sheet

ACiQ Model#: PHP-EX-90

90K BTU Pool Heat Pump

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



ELECTRICAL SPECIFICATIONS

Power Supply	V, Ph, Hz	208/240V, 1Ph, 60Hz
Power Cord	AWG	3 x 10
Fuse	A	40
Breaker	Rated Current	A
	Rated Residual Action Current	mA
Rated Input Power with Air Temp. of 80°F		Btu
		kW
Max. Input Current		A
Rated Input Power with Air Temp. of 80°F		A

UNIT WEIGHT & DIMENSIONS

Net Weight	lb	205
	kg	93
Net Dimensions (L x W x H)	in	33-1/4 x 34-3/16 x 31-5/16
	mm	845 x 868 x 797
Water Pipe Connection Size	in	2"
	mm	5.08

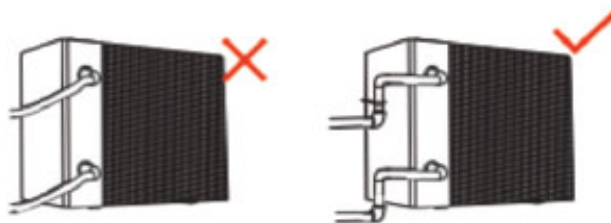
HEATING PERFORMANCE

Heating Capacity Performance Conditions: Air Temperature: 80°F, Water Temperature: 80°F, Humidity: 80%		
Heating Capacity	Btu/h	96000
	kW	28.13
COP		5.66
Heating Capacity Performance Conditions: Air Temperature: 80°F, Water Temperature: 80°F, Humidity: 63%		
Heating Capacity	Btu/h	92100
	kW	26.99
COP		5.04
Heating Capacity Performance Conditions: Air Temperature: 50°F, Water Temperature: 80°F, Humidity: 63%		
Heating Capacity	Btu/h	68700
	kW	20.13
COP		3.43

REFRIGERANT SPECIFICATIONS

Refrigerant Type	R32
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WATER INLET & OUTLET PIPING INSTALLATION INSTRUCTIONS

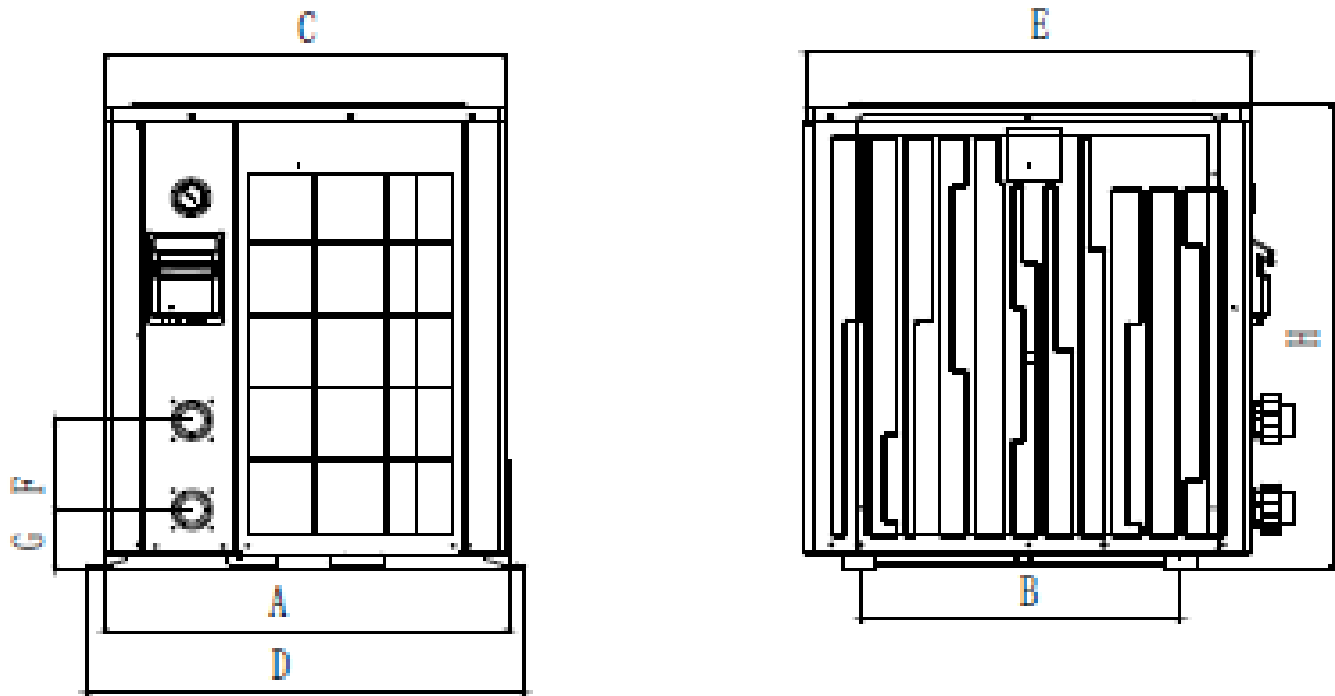


*The pool heat pump must be connected using PVC pipes, the use of soft, flexible pipes is not recommended as the weight of these pipes will damage the internals of the unit.

OPERATIONAL SPECIFICATIONS

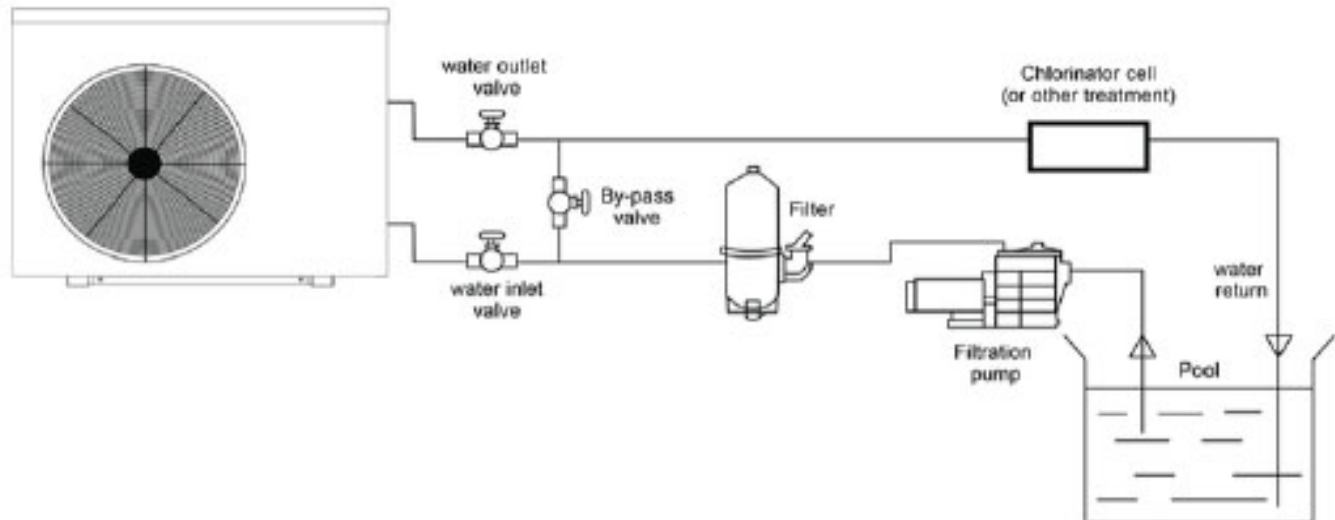
Recommended Pool Volume Range	Gallons	18000 ~ 26000
Operating Air Temperature Range	°F	14°F ~ 110°F
	°C	-10°C ~ 43°C
Heat Exchanger Temperature Range	°F	32°F ~ 109°F
	°C	0°C ~ 42.8°C
Advised Water Flux Range	GPM	43 ~ 54
	L/min	163 ~ 202
Noise Level Range at 10ft.	dB(A)	37 ~ 50

Unit Dimensions



Size (inch)	Name	A	B	C	D	E	F	G	H
Model									
PHP-EX-90 & PHP-EX-130		29.00	23.00	29.00	31.00	32.00	7.00	4.00	34.00

Unit Installation Diagram



Installation Clearance Requirements

