



# Submittal Data Sheet

ACiQ Model#: PHP-EX-150

130K 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 8
Fuse	A	60
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	375
	kg	170
Net Dimensions (L x W x H)	in	40-1/32 x 40-31/32 x 35-3/16
	mm	1010 x 1041 x 894
Water Pipe Connection Size	in	2"
	mm	50.8

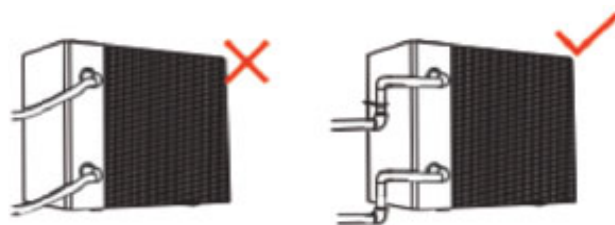
## HEATING PERFORMANCE

Heating Capacity Performance Conditions: Air Temperature: 80°F, Water Temperature: 80°F, Humidity: 80%		
Heating Capacity	Btu/h	150000
	kW	43.96
COP		5.25
Heating Capacity Performance Conditions: Air Temperature: 80°F, Water Temperature: 80°F, Humidity: 63%		
Heating Capacity	Btu/h	135000
	kW	39.56
COP		4.12
Heating Capacity Performance Conditions: Air Temperature: 50°F, Water Temperature: 80°F, Humidity: 63%		
Heating Capacity	Btu/h	86900
	kW	25.47
COP		3.46

## REFRIGERANT SPECIFICATIONS

Refrigerant Type	R32
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## WATER INLET & OUTLET PIPING INSTALLATION INSTRUCTIONS

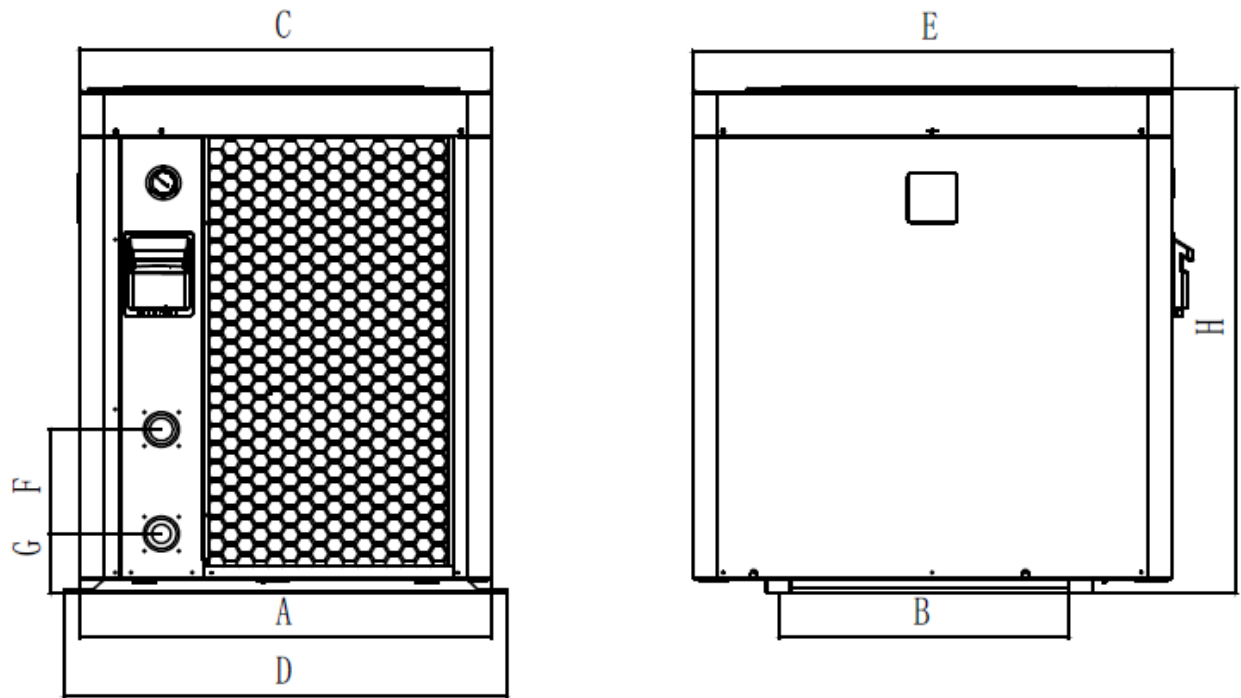


\*The pool heat pump must be connected using PVC pipes, the use of soft, flexible pipes is not recommended as the weight of these pipes will damage the internals of the unit.

## OPERATIONAL SPECIFICATIONS

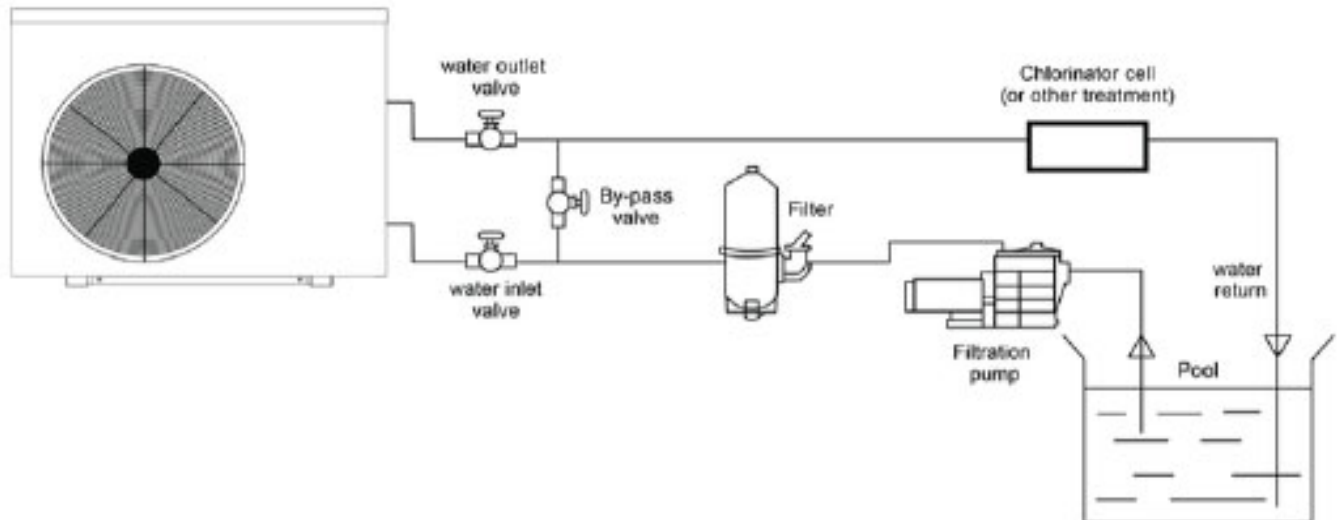
Recommended Pool Volume Range	Gallons	25000 ~ 41000
Operating Air Temperature Range	°F	14°F ~ 110°F
	°C	-10°C ~ 43°C
Heat Exchanger Temperature Range	°F	32°F ~ 109°F
	°C	0°C ~ 42.8°C
Advised Water Flux Range	GPM	67 ~ 84
	L/min	255 ~ 315
Noise Level Range at 10ft.	dB(A)	37 ~ 52

# Unit Dimensions



Size (inch) / Name	A	B	C	D	E	F	G	H
Model	A	B	C	D	E	F	G	H
PHP-EX-150	33.00	23.00	33.00	35.00	38.00	9.00	5.00	41.00

# Unit Installation Diagram



Installation Clearance Requirements

