Submittal Data Sheet

ACiQ Model#: PHP-EX-65

65K 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 12
Fuse		**A**	30
Breaker	**Rated Current**	**A**	30
	Rated Residual Action Current	**mA**	100 Type B
Rated Input Power with Air Temp. of 80°F		**Btu**	11600
		kW	3.4
Max. Input Current		**A**	18.75
Rated Input Power with Air Temp. of 80°F		**A**	14.72

UNIT WEIGHT & DIMENSIONS

Net Weight	**lb**	132
	kg	60
Net Dimensions (L x W x H)	**in**	38-7/8 x 15-3/4 x 26
	mm	987 x 400 x 660
Water Pipe Connection Size	**in**	1.5"
	mm	38.1

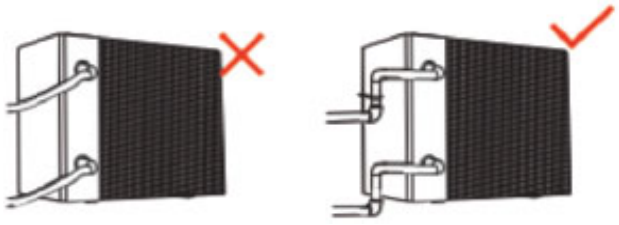
HEATING PERFORMANCE

Heating Capacity Performance Conditions: Air Temperature: 80°F, Water Temperature: 80°F, Humidity: 80%		
Heating Capacity	**Btu/h**	65000
	kW	19.1
COP		5.62
Heating Capacity Performance Conditions: Air Temperature: 80°F, Water Temperature: 80°F, Humidity: 63%		
Heating Capacity	**Btu/h**	62700
	kW	18.4
COP		5.56
Heating Capacity Performance Conditions: Air Temperature: 50°F, Water Temperature: 80°F, Humidity: 63%		
Heating Capacity	**Btu/h**	38500
	kW	11.3
COP		3.53

REFRIGERANT SPECIFICATIONS

Refrigerant Type	R32

WATER INLET & OUTLET PIPING INSTALLATION INSTRUCTIONS

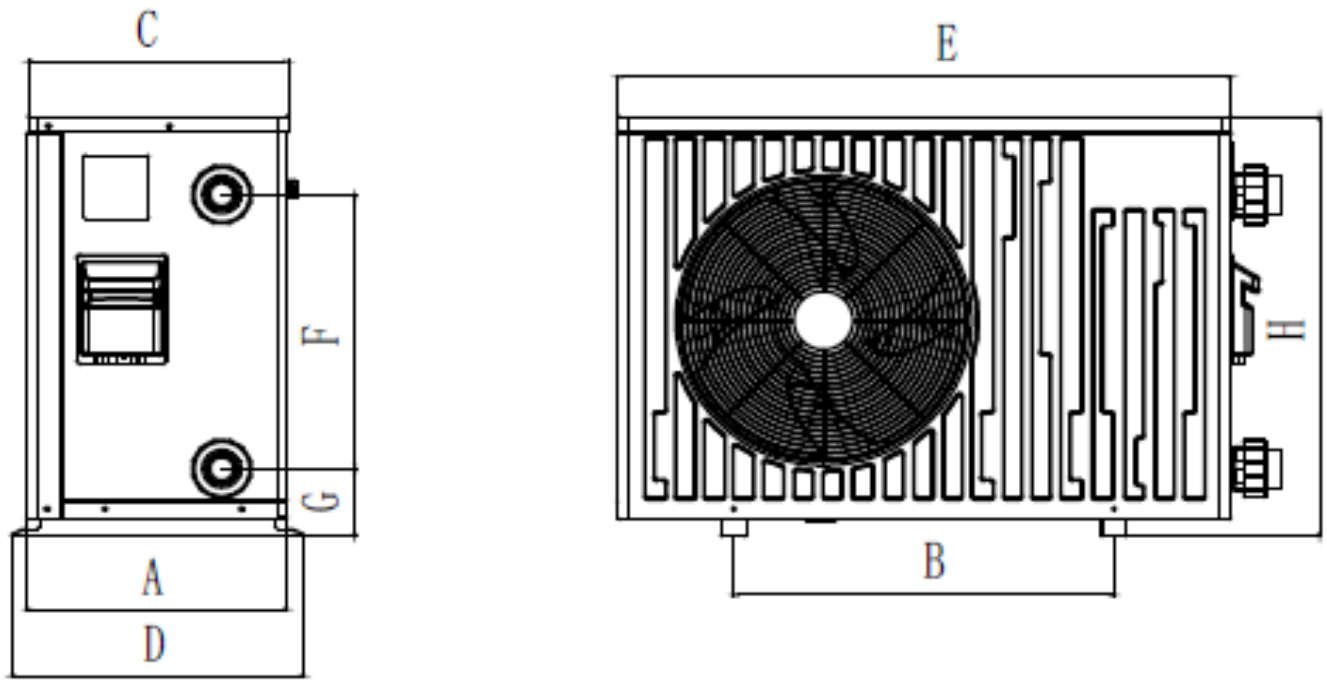


***The pool heat pump must be connected using PVC pipes, the use of soft, flexible pipes is not recommended as the weight of these pipes will damage the internals of the unit.**

OPERATIONAL SPECIFICATIONS

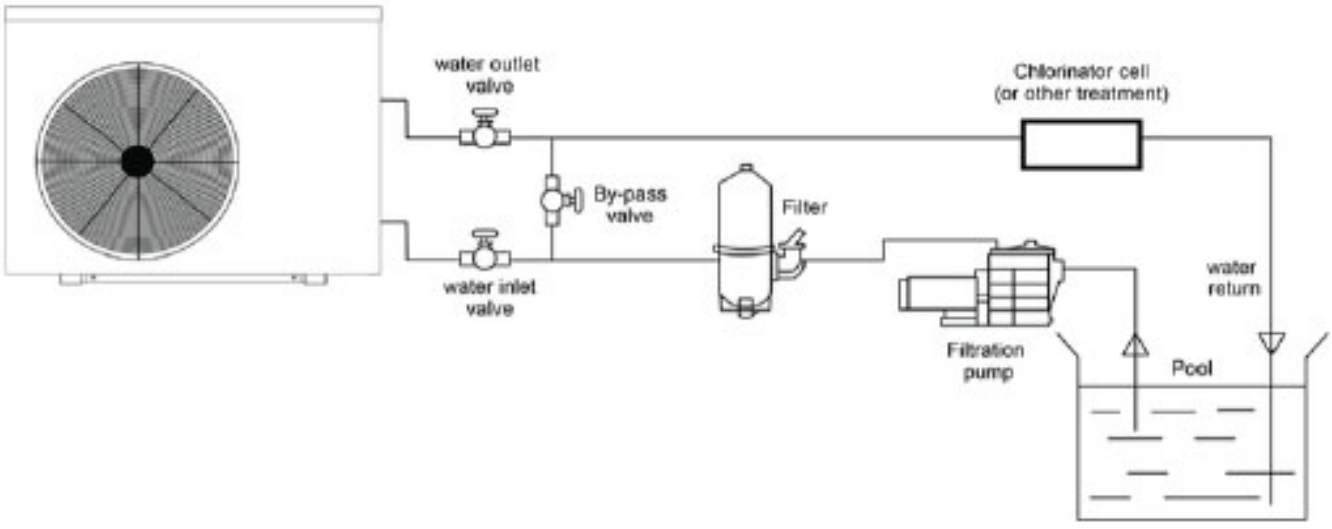
Recommended Pool Volume Range	**Gallons**	10600 ~ 20000
Operating Air Temperature Range	**°F**	14°F ~ 110°F
	°C	-10°C ~ 43°C
Heat Exchanger Temperature Range	**°F**	32°F ~ 109°F
	°C	0°C ~ 42.8°C
Advised Water Flux Range	**GPM**	24.2 ~ 31.9
	L/min	110 ~ 145
Noise Level Range at 10ft.	**dB(A)**	36 ~ 49

Unit Dimensions



Size (inch) / Name / Model	A	B	C	D	E	F	G	H
PHP-EX-65	16.00	23.00	16.00	18.00	37.00	17.00	4.00	26.00

Unit Installation Diagram



Installation Clearance Requirements