



Inverter Heat Pump for Swimming Pools	ACIQ65
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

Set Code

Set Model
Outdoor unit model ACIQ65

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

