

375HP MODELS

FOR AVERAGE POOLS - 16 feet x 32 feet No Cover / 18 feet x 36 feet Covered

*Above pool sizes are a guide - For a FREE 4 page HeatSiphonalysis CERTIFIED Sizing & Cost Analysis of YOUR POOL VISIT - WWW.HEATSIPHON.COM



HEAT SIPHON

**CERTIFIED
PERFORMANCE
SIZING**

Swimming Pool Heat Pumps



ANALOG

HEAT SIPHON FEATURES: (DIGITAL or ANALOG)

CORROSION PROOF DESIGN +100% WARRANTY

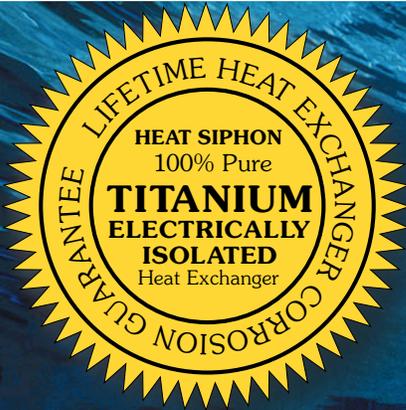
- ✓ LIFETIME TITANIUM Heat Exchanger
- ✓ SAFE - Electrically Isolated from Pool
- ✓ FULL FLOW - Low Pump Back-pressure
- ✓ No Internal or External Bypass
- ✓ UV Stable Solid PVC Cabinet
- ✓ 2" MPT & 1.5" Slip Water Fittings
- ✓ All Stainless Steel Hardware
- ✓ Thermo-Expansion Valve Regulated
- ✓ Whisper Quiet 3-Blade Fan Design
- ✓ Easy Built-in Power Connection Box
- ✓ FULL TWO YEAR Parts & Labor (not pro-rated)
- ✓ FULL FIVE YEAR Compressor Warranty (P & L)



DIGITAL

C-Series and Z-Series Models Available:

ALL Models Use Environmentally Safe Green Gas (R410A) Available for: • 220 volt Single Phase 50/60 Hz • 220 volt 3 Phase 60Hz • 380 volt 3 Phase 50Hz • 480 volt 3 Phase 60Hz



HEAT SIPHON® Pool Heat Pumps - TOP of the CLASS
HIGHEST EFFICIENCY in the Industry

OF ALL BRANDS TESTED in the 95,000 BTUH and up Class - American Heating & Refrigeration Institute Std. 1160 at 80°F Air / 80°F Water / 63% RH

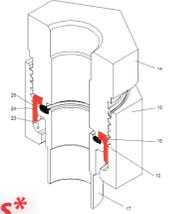
375HP MODELS

FOR AVERAGE POOLS - 16 feet x 32 feet No Cover / 18 feet x 36 feet Covered

NOTE: POOLS SIZES ARE A GUIDE - ASK YOUR DEALERS FOR A FREE 4 PAGE HEATSIPHON ANALYSIS SIZING & COST ANALYSIS OF YOUR POOL OR VISIT - WWW.HEATSIPHON.COM TO GET YOURS VIA EMAIL!



HEAT SIPHON®



SCROLL COMPRESSORS
Used in ALL MODELS



LIFETIME ELECTRICALLY ISOLATED **No Chemical Limits***
TITANIUM HEAT EXCHANGER in ALL MODELS (Patents Pending)

*No Chemical Limits - Includes Salt Water Pools - Full Unit Swap If Titanium Tubing Leaks Water Inside Heat Pump

PICK YOUR MODEL in 2 EASY STEPS

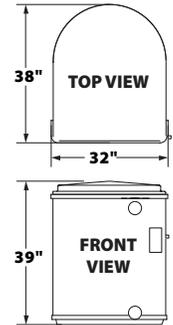
FIRST - CONTROLS **DIGITAL** or **ANALOG**

- ❑ **DIGITAL** MODELS HAVE the HEAT SIPHON DIGITAL PLAYER CONTROLLER BUILT IN offering many additional features and options, a more sophisticated problem detection system, a 4 digit LED display and 4 discrete lights to provide blinking status feedback
 - ✓ POOL SPA COMBO - DUAL THERMOSTAT lets you set pool & spa temperature separately and simply select either one
 - ✓ AUTOMATION SYSTEM READY - Digital Player has EC MODE (external control) screw down terminals built in to allow remote ON/OFF switching via hard-wiring to all 3rd party pool/spa controllers
 - ✓ WIRELESS READY - DIGITAL PLAYER CONTROL IS READY FOR PLUG-IN DIGITAL PASSPORT (ADD ON) provides a wireless gateway to the HEAT SIPHON DIGITAL FOOTBALL POOL SPA CONTROL SYSTEM
 - ✓ DIGITAL DISPLAY - WATER TEMPERATURE accurate to **0.1°F** using Patent Pending Probe, ERROR CODES, plus Status LEDs for POOL, SPA, SVC COMM.

- ❑ **ANALOG** MODELS are LOWER COST & USE A SINGLE KNOB and electronic discrete thermostat with a simple 24 volt control circuit
 - ✓ POOL SPA COMBO - A single knob analog thermostat requires manual re-setting to pool or spa setpoint
 - ✓ AUTOMATION SYSTEM HOOKUP - Simple low voltage control circuit allows easy hard-wired on/off hookup to all third party pool/spa controllers
 - ✓ **EASY UPGRADE PATH** to WIRELESS/ DIGITAL just UNPLUG the door assembly and PLUG IN the PLAYER RETROFIT KIT available as an add-on & turn your analog unit totally DIGITAL anytime in the future

Z-Series DIGITAL MODELS

Patent Pending Water Temp Sensor Display/Accuracy 0.1°F



FOOTPRINT & HEIGHT
Weight = 275 LBS

C-Series ANALOG Model



HEAT SIPHON Specifications:

	Analog	Digital
THERMOSTAT	ELECTRONIC	DIGITAL - THERMISTOR
ACCURACY	1.5°F Diff - 106°F Max	1°F Diff - 106°F Max
RESTART TIME DELAY	SOLID STATE	DIGITAL SOFTWARE
All Models		
AIR FLOW	5000 CFM - DISCHARGE VERTICAL UP	
WATER FLOW	30 GPM MIN. - 80 GPM MAX.	
PRESSURE DROP	LESS THAN 2 PSI @ 80 GPM	
CABINET	PVC - UV STABILIZED FLAME RETARDANT	
HARDWARE	ALL 18-8 STAINLESS STEEL	
FULL FLOW CONDENSER	GRADE 2 PURE TITANIUM TUBE IN PVC HOUSING	
CONTROL CIRCUIT	24 VOLT AC 40VA CURRENT LIMITING TRANSFORMER	
LOW PRESSURE SWITCH	AUTO-RESET (CUT OUT 80 / CUT IN 125 PSIG)	
HIGH PRESSURE SWITCH	AUTO-RESET (CUT OUT 560 / CUT IN 400 PSIG)	
EXPANSION DEVICE	THERMOSTATIC EXPANSION VALVE	

WARRANTY - ALL MODELS - FULL TERM - PARTS & LABOR INCLUDED NOT PRO-RATED

• ALL PARTS - 2 Years / • ALL COMPRESSORS - 5 Years/ • LIFETIME CORROSION-FREE HEAT EXCHANGER

SECOND - POWER SUPPLY:

PERFORMANCE SPECIFICATIONS BY HEAT SIPHON® MODEL

POWER SUPPLY APPLICATION	MODEL	TYPE	POWER REQ'D				BREAKER AMPS	@60 Hz (*50Hz)	
			VOLTAGE	HERTZ	PH	No. WIRES		BTUH	COP
RESIDENTIAL 1-PHASE	C375HP	ANALOG	208/230	60	1	3 (2 HOT+GND)	40	89,000	6.26
	Z375HP	DIGITAL	208/230	60	1	3 (2 HOT+GND)	40	89,000	6.26
EXPORT RESIDENTIAL	C375HP50	ANALOG	220/240	50	1	3 (2 HOT+GND)	40	74,200*	6.26*
	Z375HP50	DIGITAL	220/240	50	1	3 (2 HOT+GND)	40	74,200*	6.26*
	C375HPX	ANALOG	380/460	50/60	3	5 (3 HOT+NEUTRAL+GND)	20	89,000	6.26
	Z375HPX	DIGITAL	380/460	50/60	3	5 (3 HOT+NEUTRAL+GND)	20	89,000	6.26

Rating Conditions: 80°F Air / 80°F Water / 63%RH per AHRI 1160 standards

M.S.R.P. starting at \$3,995.00

