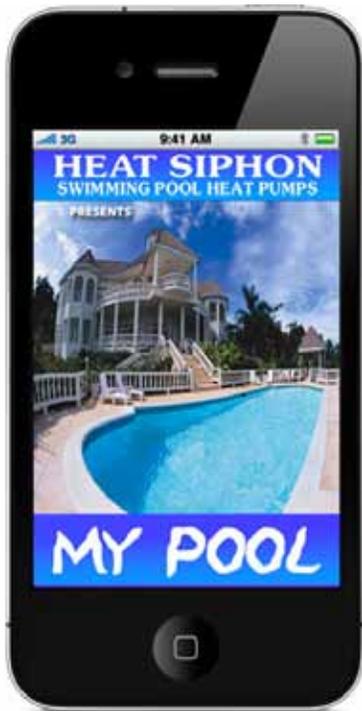


DESIGN YOUR OWN POOL SYSTEM !!

with HEAT SIPHON's NEW iPhone App - **MY POOL (It's Free)**



It's all about your pool!

MY POOL is more than just a pool-spa calculator or a pool designing gadget -

IT'S the ENERGY ANSWERBOOK for YOUR POOL. Learn how to minimize your energy costs and maximize enjoyment of your pool.

MY POOL has FOUR POOL (or spa) TOOLS - SIZE, PUMP, HEATER and ANALYSIS. It CONSTANTLY shows you INSTANT FEEDBACK when you change any variable in any of the four pool spa tools. Changing the pool length will instantly change the pool gallons and the pump run time and the heating cost per day.

You can let it use preset values and just enter minimal data or you can get really detailed answers by changing all the variables.

MY POOL answers all of these questions & many more:

- What size is my pool in square feet ?
- How many gallons ?
- What size pump do I need ?
- How long should I run my pump ?
- How much will it cost to run ?
- Can I afford to heat my pool ?
- How much will a solar cover save ?

Try our web-model before you download the App (no iPhone needed)

Go to www.heatsiphon.com/mypool



HEAT SIPHON - ALWAYS GREEN!!

First - All new Heat Siphon Models use Environment Friendly R410A Refrigerant
Second - Heat Siphon reduces or ELIMINATES CO₂ versus ALL FOSSIL FUEL heaters

36 to 46% CO₂ REDUCTION vs. GAS

FOSSIL FUEL POWER PLANT
BURNS 2.5 BTU's
to get 1 BTU of
ELECTRICITY

236 mg
CARBON
DIOXIDE

**NUCLEAR &
HYDRO-ELECTRIC
POWER PLANTS =
ZERO CO₂ 100% REDUCTION**

**HEAT SIPHON uses
1 BTU in ELECTRICITY
to MOVE
5 or 6 BTU's of HEAT
from the AIR
to your POOL
NO WASTE**

**GAS HEATERS
BURN 6.25 BTU's
to get 5 BTU's
in your pool**

367 mg
CARBON
DIOXIDE

80% Efficient

20%
WASTE
HEAT



250HP MODELS

FOR SPAS & SMALL ABOVE GROUND & IN GROUND POOLS - up to 12 feet x 24 feet Covered



HEAT SIPHON

**CERTIFIED
PERFORMANCE
SIZING**

Swimming Pool Heat Pumps

HEAT SIPHON FEATURES: (DIGITAL or ANALOG)

INTELLIGENT CORROSION PROOF DESIGN



ANALOG

- ✓ 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 • 380 volt 3 Phase 50Hz • 480 volt 3 Phase 60Hz



MADE IN U.S.A.



250HP MODELS

FOR SPAS & SMALL ABOVE GROUND & IN GROUND POOLS - up to 12 feet x 24 feet Covered

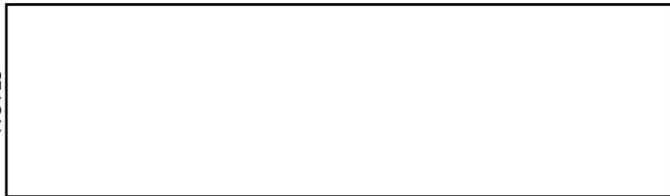
NOTE: POOLS SIZES ARE A GUIDE - ASK YOUR DEALERS for a FREE 4 page HeatSiphon Sizing & Cost Analysis of YOUR POOL or VISIT - WWW.HEATSIPHON.COM to get yours via email!



HEAT SIPHON

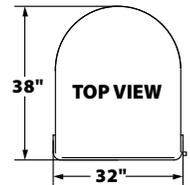
TECHNICAL SPECIFICATIONS & MODEL DESIGNATIONS

NOTES



SCROLL COMPRESSORS Used in ALL MODELS

Z-Series DIGITAL MODELS

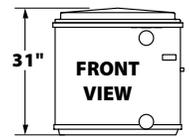


FIRST - CONTROLS DIGITAL or ANALOG

- ❑ **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 constant 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 - SHOWS WATER TEMPERATURE and ERROR CODES while STATUS LED's show current operation modes
- ❑ **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
 - ✓ UPGRADE PATH - WIRELESS/ DIGITAL PLAYER RETROFIT KIT available as an add-on will turn your analog unit totally DIGITAL if you choose in the future



C-Series ANALOG MODELS



HEAT SIPHON FOOTPRINT & HEIGHT Weight = 225 LBS



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

M.S.R.P. starting at \$2,995.00

POWER SUPPLY APPLICATION	MODEL	TYPE	POWER REQ'D				BREAKER AMPS	@60 Hz (*50Hz)		
			VOLTAGE	HERTZ	PH	No. WIRES		BTUH	COP	
RESIDENTIAL	220v 1-PHASE	C250HP	ANALOG	208/230	60	1	3 (2 HOT+GND)	30	52,400	5.01
		Z250HP	DIGITAL	208/230	60	1	3 (2 HOT+GND)	30	52,400	5.01
EXPORT RESIDENTIAL	220v 1-PHASE	C250HP50	ANALOG	208/230	50	1	3 (2 HOT+GND)	30	43,700*	6.01*
		Z250HP50	DIGITAL	208/230	50	1	3 (2 HOT+GND)	30	43,700*	6.01*
	380/440v 3-PHASE	C250HPX	ANALOG	380/460	50/60	3	5 (3 HOT+ NEUTRAL + GND)	10	52,400	5.01
		Z250HPX	DIGITAL	380/460	50/60	3	5 (3 HOT+ NEUTRAL + GND)	10	52,400	5.01

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



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 HeatSiphonanalysis 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)

INTELLIGENT CORROSION PROOF DESIGN

- ✓ 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



MADE IN U.S.A.



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 Sizing & Cost Analysis of YOUR POOL or VISIT - WWW.HEATSIPHON.COM to get yours via email!



HEAT SIPHON

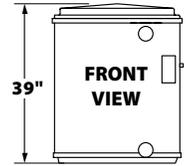
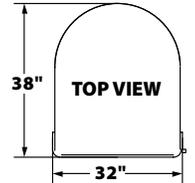
TECHNICAL SPECIFICATIONS & MODEL DESIGNATIONS

NOTES



SCROLL COMPRESSORS
Used in ALL MODELS

Z-Series DIGITAL MODELS



HEAT SIPHON
FOOTPRINT & HEIGHT
Weight = 275 LBS



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 constant 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 - SHOWS WATER TEMPERATURE and ERROR CODES while STATUS LED's show current operation modes
- ❑ **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
 - ✓ UPGRADE PATH - WIRELESS/ DIGITAL PLAYER RETROFIT KIT available as an add-on will turn your analog unit totally DIGITAL if you choose in the future



C-Series ANALOG MODELS



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

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

POWER SUPPLY APPLICATION	MODEL	TYPE	POWER REQ'D				BREAKER AMPS	@60 Hz (*50Hz)	
			VOLTAGE	HERTZ	PH	No. WIRES		BTUH	COP
RESIDENTIAL	220v 1-PHASE	C375HP	208/230	60	1	3 (2 HOT+GND)	40	89,000	6.26
		Z375HP	208/230	60	1	3 (2 HOT+GND)	40	89,000	6.26
EXPORT RESIDENTIAL	220v 1-PHASE	C375HP50	220/240	50	1	3 (2 HOT+GND)	40	74,200*	6.26*
		Z375HP50	220/240	50	1	3 (2 HOT+GND)	40	74,200*	6.26*
COMM./INDUST.	380/440v 3-PHASE	C375HPX	380/460	50/60	3	6 (3 HOT+NEUTRAL+GND)	20	89,000	6.26
		Z375HPX	380/460	50/60	3	6 (3 HOT+NEUTRAL+GND)	20	89,000	6.26

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



5HP MODELS

FOR LARGER POOLS - 18 feet x 36 feet No Cover & 20 feet x 40 feet Covered

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



HEAT SIPHON

CERTIFIED PERFORMANCE SIZING

Swimming Pool Heat Pumps

HEAT SIPHON FEATURES: (DIGITAL or ANALOG)

INTELLIGENT CORROSION PROOF DESIGN

- ✓ 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)



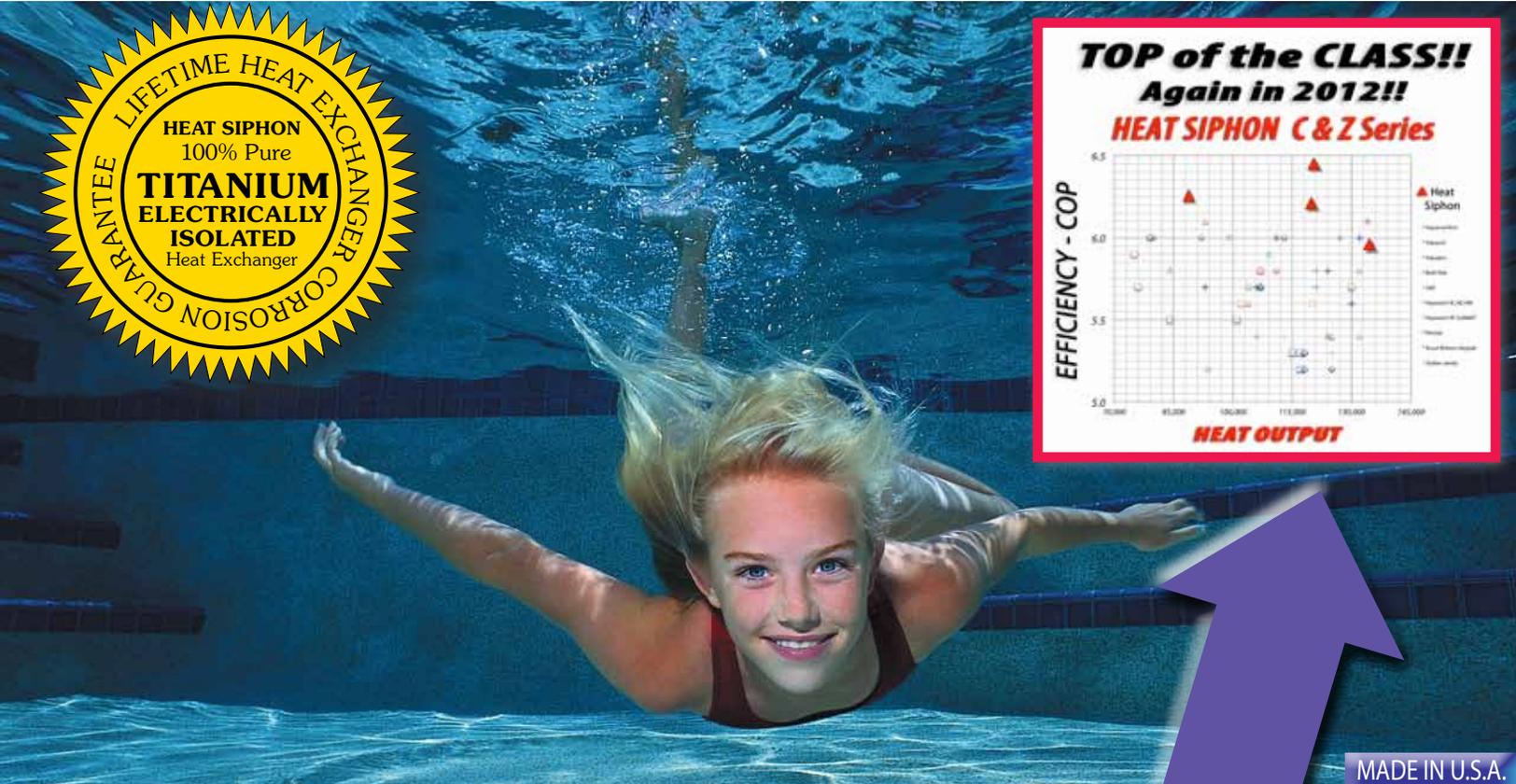
ANALOG



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® Z575HP = 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



5HP MODELS

FOR LARGER POOLS - 18 feet x 36 feet No Cover & 20 feet x 40 feet Covered

NOTE: POOLS SIZES ARE A GUIDE - ASK YOUR DEALERS for a FREE 4 page HeatSiphon Sizing & Cost Analysis of YOUR POOL or VISIT - WWW.HEATSIPHON.COM to get yours via email!



HEAT SIPHON

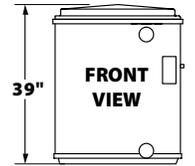
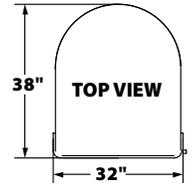
TECHNICAL SPECIFICATIONS & MODEL DESIGNATIONS

NOTES



SCROLL COMPRESSORS Used in ALL MODELS

Z-Series DIGITAL MODELS



HEAT SIPHON FOOTPRINT & HEIGHT
Weight = 300 LBS



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 constant 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 - SHOWS WATER TEMPERATURE and ERROR CODES while STATUS LED's show current operation modes
- ❑ **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
 - ✓ UPGRADE PATH - WIRELESS/ DIGITAL PLAYER RETROFIT KIT available as an add-on will turn your analog unit totally DIGITAL if you choose in the future



C-Series ANALOG MODELS



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 OF STANDARD HEAT SIPHON® MODELS

M.S.R.P. starting at \$4,995.00

POWER SUPPLY APPLICATION	MODEL	TYPE	POWER REQ'D				BREAKER AMPS	@60 Hz (*50Hz)	
			VOLTAGE	HERTZ	PH	No. WIRES		BTUH	COP
RESIDENTIAL	220v 1-PHASE	C575HP	208/230	60	1	3 (2 HOT+GND)	50	117,500	6.2
		Z575HP	208/230	60	1	3 (2 HOT+GND)	50	117,500	6.2
COMMERCIAL	220v 3-PHASE	C575HP3	200/230	60	3	4 (3 HOT+GND)	40	120,800	6.2
		Z575HP3	200/230	60	3	4 (3 HOT+GND)	40	120,800	6.2
	380/440v 3-PHASE	C575HPX	380/460	50/60	3	5 (3 HOT+ NEUTRAL + GND)	20	120,800	6.2
		Z575HPX	380/460	50/60	3	5 (3 HOT+ NEUTRAL + GND)	20	120,800	6.2
EXPORT RES.	220v 1-PHASE	C575HP50	220/240	50	1	3 (2 HOT+GND)	50	98,000*	6.2*
		Z575HP50	220/240	50	1	3 (2 HOT+GND)	50	98,000*	6.2*

RATING CONDITIONS: 80°F AIR / 80°F WATER / 63% RH PER AHRI 1160 STANDARDS



7HP MODELS

FOR LARGER POOLS - 20 feet x 40 feet No Cover & 20 feet x 50 feet Covered

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



HEAT SIPHON

CERTIFIED PERFORMANCE SIZING

Swimming Pool Heat Pumps

HEAT SIPHON Z700HP Series FEATURES:

INTELLIGENT CORROSION PROOF DESIGN

EXCLUSIVE DUAL HEAT EXCHANGERS - OVER 100 FEET of Titanium Tubing !!!

- ✓ 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
- ✓ Dual Thermo-Expansion Valve Regulated
- ✓ Whisper Quiet 3-Blade Fan Design
- ✓ Easy Built-in Power Connection Box
- ✓ FULL 2 YEAR Parts & Labor (not pro-rated)
- ✓ FULL 5 YEAR Compressor Warranty (P & L)



DIGITAL ONLY

Z700HP Series Model
HIGHEST BTUH & COP
in the INDUSTRY!!

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® Z700HP: 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

7HP MODELS

FOR LARGER POOLS - 20 feet x 40 feet No Cover & 25 feet x 50 feet Covered

NOTE: POOLS SIZES ARE A GUIDE - ASK YOUR DEALERS for a FREE 4 page HeatSiphon Sizing & Cost Analysis of YOUR POOL or VISIT - WWW.HEATSIPHON.COM to get yours via email!



HEAT SIPHON

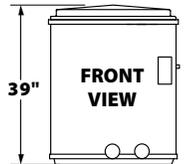
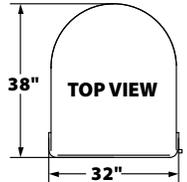
TECHNICAL SPECIFICATIONS & MODEL DESIGNATIONS

PICK YOUR MODEL in 1 EASY STEP



SCROLL COMPRESSORS Used in ALL MODELS

Z-Series DIGITAL MODELS



HEAT SIPHON FOOTPRINT & HEIGHT
Weight = 340 LBS



CONTROLS DIGITAL ONLY

- ✓ ALL 7HP 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 constant 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 - SHOWS WATER TEMPERATURE and ERROR CODES while STATUS LED's show current operation modes

MAXIMUM EFFICIENCY

Independently Modulated

DUAL HEAT EXCHANGER

Specifications:

THERMOSTAT	DIGITAL - THERMISTOR
ACCURACY	1°F Diff - 106°F MAX
RESTART TIME DELAY	DIGITAL SOFTWARE
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

PICK YOUR POWER SUPPLY:

WARRANTY - ALL MODELS - FULL TERM - PARTS & LABOR INCLUDED NOT PRO-RATED
• ALL PARTS - 2 Years / • ALL COMPRESSORS - 5 Years/ • LIFETIME CORROSION-FREE HEAT EXCHANGER

PERFORMANCE SPECIFICATIONS OF STANDARD HEAT SIPHON® MODELS

M.S.R.P. starting at \$5,795.00

POWER SUPPLY APPLICATION	MODEL	TYPE	POWER REQ'D				BREAKER AMPS	@60 Hz		
			VOLTAGE	HERTZ	PH	No. WIRES		BTUH	COP	
RESIDENTIAL	220v 1-PHASE	Z700HP	DIGITAL	208/230	60	1	3 (2 HOT+GND)	50	135,000	6.0
COMMERCIAL	220v 3-PHASE	Z700HP3	DIGITAL	200/230	60	3	4 (3 HOT+GND)	40	135,000	6.0
	440v 3-PHASE	Z700HP4	ANALOG	380/460	50/60	3	4 (3 HOT+GND)	20	135,000	6.0
EXPORT COMMERCIAL	380/440v 3-PHASE	Z700HPX	DIGITAL	380/460	50/60	3	5 (3 HOT+ NEUTRAL + GND)	20	135,000	6.0

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

