

7HP 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 HeatSiphonalysis CERTIFIED Sizing & Cost Analysis of YOUR POOL VISIT - WWW.HEATSIPHON.COM*



HEAT SIPHON[®]

**CERTIFIED
PERFORMANCE
SIZING**

Swimming Pool Heat Pumps

HEAT SIPHON FEATURES: (DIGITAL Only)

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)



Z-Series Models Available:

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

DIGITAL

Z575HP Model Shown - Z700HP Series Models are Identical except Water Outlet also at bottom



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

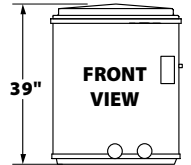
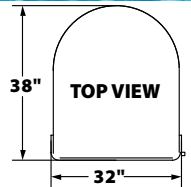
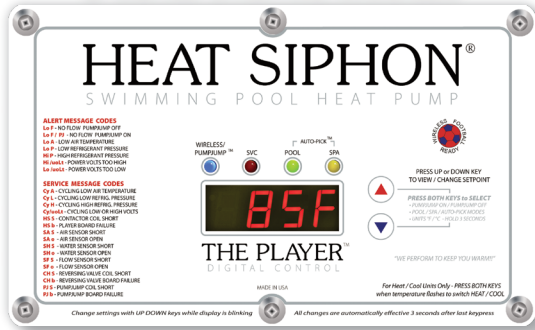
PICK YOUR MODEL in 1 EASY STEP

NOTES



SCROLL COMPRESSORS Used in ALL MODELS

Z-Series DIGITAL MODELS



HEAT SIPHON FOOTPRINT & HEIGHT
Weight = 340 LBS



HEAT SIPHON 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	.....25 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 (CO 93 / CI 135 PSIG)
HIGH PRESSURE SWITCH	.....AUTO-RESET (CO 560 / CI 400 PSIG)
EXPANSION DEVICE	.....THERMOSTATIC EXPANSION VALVE

Hi-Efficiency Split Circuit Titanium Heat Exchanger Easy Plumbing Ground Level Water In & Out

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

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

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 1-PHASE	Z700HP4	ANALOG	380/460	50/60	3	4 (3 HOT+GND)	20	135,000	6.0
EXPORT COMMERCIAL	380/440v 1-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



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