



2012

# SPA PRODUCTS CATALOG



**HYDROQUIP**<sup>TM</sup>  
THE **SMART CHOICE**<sup>TM</sup>

**“SLIDE”** SERIES & WATER PRO **“VALUE”** SERIES....Only from Hydro-Quip.



Now Available With Balboa™ or Gecko Series Control Platforms

*“The Perfect Solution For Spa Service Professionals!”*

## The Ultimate in Retro-Fit Control Systems

The “SLIDE” series and Water Pro “Value” Series family of Hot Tub Control Systems were designed using Hydro-Quip’s 30 years of experience. Our exclusive “SLIDE” Heater feature will allow just a few basic control boxes to retro-fit practically any spa ever made! Mount the adjustable heater where you need it - anywhere along the back of the control box utilizing the provided slide brackets, over, under or remote. You can now offer the maximum range of retro-fit controls while stocking a minimum number of systems.

The Water Pro “Value” Series offers the same internal components, quality and serviceability as our “SLIDE” Series although it includes a fixed bottom mount heater.

*Versatile, Reliable, Affordable*



## About us:

### Hydro-Quip ... the Smart Choice

Hydro-Quip has been providing innovative, dependable and high quality portable spa and hot tub retrofit controls to the industry for 30 years. Hydro-Quip continues to offer the broadest selection of controls to fit every spa or hot tub and we continue to lead the industry in innovation and “down to earth” product features by designing products that address the real needs and desires of today’s spa and hot tub retail dealers and service technicians.

“Down to Earth” features such as this long list of industry firsts:

<b><u>Electronic Controls</u></b>	Choice of Balboa or Gecko Series
<b><u>Slide Heater Assembly</u></b>	Position the heater to your requirements
<b><u>Versi-Heat Remote Heaters</u></b>	Remote heater for added convenience
<b><u>Universal Retro-Fit System</u></b>	Complete ready to install bundled Control Kits
<b><u>Visual Diagnostic System</u></b>	Provides easy system diagnostics
<b><u>System Mis-Wire Protection</u></b>	Protection from improper electrical installations
<b><u>Universal Circuit Voltages</u></b>	Flexible circuit designs
<b><u>Built-in Ground Fault Protection</u></b>	Economical GFCI protection

In addition to our innovative spa and hot tub products, you will find our customer service team to be unmatched in their first hand product knowledge. Our customer service, sales and technical support teams are all industry veterans that understand not only the product but the application spa customers encounter on a daily basis. We take great pride in our reputation for superior quality and responsive customer service, all at a competitive price.

**In the following pages you will find a selection of products which address your engineering needs, marketing requirements and production concerns. Please contact us if you have any additional needs, questions or requirements.**



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**“SLIDE” HEATER FEATURE!**

**Balboa™ Series**

**STANDARD FEATURES**

- M7™ Technology Equipped
- “SLIDE” 1.325/5.5kW, 15” Heater Assembly
- Spaside Control
- All Circuits Convertible to 120 or 240VAC
- 12V Light Assembly
- Freeze Protection
- Standard, Economy & Sleep Modes
- Lighted Smart Cords
- Easy To Install & Service
- Installation Kit (see below)
- Detailed Owners Manual & Wiring Diagram
- US and Canada UL Recognized
- 2 Year Warranty

**OPTIONS**

- Versi-Heat Remote Heater with 60” Cords
- Various Heater Wattages
- Wireless Remote Control
- Less Heater Unit

**SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL**

Spaside Control	Model	Platform	Pump 1	Pump 2	Blower	Circ Pump	Heater
 <b>ECO-200 Series</b> 4.3”L x 1.6”H	CS6109B-US	VS500Z	2 SPD	N/A	N/A	YES	5.5kW
	CS6209B-US	VS501Z	2 SPD	1 SPD** OR BLOWER**	N/A	YES	5.5kW
	CS6229B-US	VS511Z	2 SPD	2 SPD	N/A	YES	5.5kW
	CS6239B-US*	VS513Z/510Z	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW
 <b>ECO-401 Series</b> 6.3”L x 2.2”H	CS6109B-US-F	VS500Z	2 SPD	N/A	N/A	YES	5.5kW
	CS6209B-US-F	VS501Z	2 SPD	1 SPD** OR BLOWER**	N/A	YES	5.5kW
	CS6229B-US-F	VS511Z	2 SPD	2 SPD	N/A	YES	5.5kW
	CS6239B-US-F*	VS513Z/510Z	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW

\*Pump 2 & Blower button work in sequence

\*\* Pump 2 OR Blower

**WIRELESS I/R REMOTE KIT**

**Kit Includes:**  
Remote Control  
I/R Receiver Sensor (7")



Wireless I/R Remote Kit  
HQ PT#: 48-0197  
(parts available separately)

All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

**INSTALLATION KIT (Included)**

**Kit Includes:**  
Spaside Control (See Above)  
Spaside Adapter Plate  
Component Cords  
2” Tailpieces w/Gaskets  
12V Light Assembly



**REPLACEMENT PARTS FOR CS6000B SOLID STATE SERIES**

Model	Circuit Board	Spaside	M7™ Sensors (46")	Heater Element (5.5kW)	Heater Assy (15")
CS6109B-US	33-0032A	34-0225-U	34-0202B (x2)	12-0100-K	22-87M-S00-1F03
CS6209B-US	33-0032B	34-0225-U	34-0202B (x2)	12-0100-K	22-87M-S00-1F03
CS6229B-US	33-0032C	34-0225-U	34-0202B (x2)	12-0100-K	22-87M-S00-1F03
CS6239B-US	33-0032D	34-0225-U	34-0202B (x2)	12-0100-K	22-87M-S00-1F03
CS6109B-US-F	33-0032A	34-0226-U	34-0202B (x2)	12-0100-K	22-87M-S00-1F03
CS6209B-US-F	33-0032B	34-0226-U	34-0202B (x2)	12-0100-K	22-87M-S00-1F03
CS6229B-US-F	33-0032C	34-0226-U	34-0202B (x2)	12-0100-K	22-87M-S00-1F03
CS6239B-US-F	33-0032D	34-0226-U	34-0202B (x2)	12-0100-K	22-87M-S00-1F03

For a complete list of parts, refer to our Parts Catalog

**SYSTEM SPECIFICATIONS**

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**FLOW RATE:**

23 GPM Min.

**ELECTRICAL OUTPUT SPECIFICATION:**

**SYSTEM DIMENSIONS:**

15"W x 11"H x 6"D

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	12A
BLOWER	12A
OZONE	1A
CIRCULATION PUMP	4A
12V LIGHT	1A
HEATER	23A

**SHIPPING WEIGHT:**

18 LBS

**PACKAGING / SHIPPING :**

INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**

2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



**Balboa™ Series**

**STANDARD FEATURES**

- M7™ Technology Equipped
- 1.325/5.5KW, 15" Heater Assembly
- 2 SPD Pump (Various HP & Voltages)
- 1 HP Blower, 120V
- Spaside Control
- All Circuits Convertible to 120 or 240VAC
- 12V Light Assembly
- Freeze Protection
- Standard, Economy & Sleep Modes
- Lighted Smart Cords
- Easy To Install & Service
- Installation Kit Included
- Detailed Owners Manual & Wiring Diagram
- US and Canada UL Recognized
- 2 Year Warranty

**OPTIONS**

- Versi-Heat Remote Heater with 60" Cords
- Various Heater Wattages
- Wireless Remote Control

\* Some Assembly Required

**SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL**

Spaside Control	Model	Platform	Pump 1	Pump 2	Blower	Circ Pump	Heater
 <b>ECO-200 Series</b> 4.3"L x 1.6"H	ES6100B	VS500Z	2 SPD	N/A	N/A	YES	5.5kW
	ES6200B	VS501Z	2 SPD	1 SPD** OR BLOWER**	N/A	YES	5.5kW
	ES6220B	VS511Z	2 SPD	2 SPD	N/A	YES	5.5kW
	ES6230B *	VS513Z/510Z	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW
 <b>ECO-401 Series</b> 6.3"L x 2.2"H	ES6100B-F	VS500Z	2 SPD	N/A	N/A	YES	5.5kW
	ES6200B-F	VS501Z	2 SPD	1 SPD** OR BLOWER**	N/A	YES	5.5kW
	ES6220B-F	VS511Z	2 SPD	2 SPD	N/A	YES	5.5kW
	ES6230B-F*	VS513Z/510Z	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW

\*Pump 2 & Blower button work in sequence

\*\* Pump 2 OR Blower

**WIRELESS I/R REMOTE KIT**

**EQUIPMENT SYSTEM COMPONENT OPTIONS CHART**

**Kit Includes:**

- Remote Control
- I/R Receiver Sensor (7')



**Wireless I/R Remote Kit**  
 HQ PT#: 48-0197  
 (parts available separately)

All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

Option Code*	Pump	Voltage	Blower	Voltage
-A	1 HP	120	1 HP	120
-B	1 HP	120	N/A	N/A
-C	1.5 HP	120	1 HP	120
-C5	1.5 HP	240	1 HP	120
-D	1.5 HP	120	N/A	N/A
-D5	1.5 HP	240	N/A	N/A
-E	2 HP	240	1 HP	120
-F	2 HP	240	N/A	N/A
-G	3 HP	240	1 HP	120
-H	3 HP	240	N/A	N/A
-J	4 HP	240	1 HP	120
-K	4 HP	240	N/A	N/A

\*Add Option Code to end of ES Model Number

**REPLACEMENT PARTS FOR ES6000B SOLID STATE SERIES**

Model	Circuit Board	Spaside	M7™ Sensors (12")	Heater Element (5.5kW)	Heater Assy (15")
ES6100B	33-0032A	34-0225-U	34-0202 (x2)	12-0100-K	26-0017-M7
ES6200B	33-0032B	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7
ES6220B	33-0032C	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7
ES6230B	33-0032D	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7
ES6100B-F	33-0032A	34-0226-U	34-0202 (x2)	12-0100-K	26-0071-M7
ES6200B-F	33-0032B	34-0226-U	34-0202 (x2)	12-0100-K	26-0071-M7
ES6220B-F	33-0032C	34-0226-U	34-0202 (x2)	12-0100-K	26-0071-M7
ES6230B-F	33-0032D	34-0226-U	34-0202 (x2)	12-0100-K	26-0071-M7

For a complete list of parts, refer to our Parts Catalog

**SYSTEM SPECIFICATIONS**

<b>ELECTRICAL INPUT SPECIFICATION:</b> SINGLE PHASE, 120/240VAC, 60HZ	<b>SYSTEM DIMENSIONS:</b> 21.5"W x 12"H x 15"D														
<b>ELECTRICAL OUTPUT SPECIFICATION:</b>	<b>SHIPPING WEIGHT:</b> 58.7 LBS														
<table border="0"> <tr><td><b>CIRCUIT(S)</b></td><td><b>MAXIMUM AMPS</b></td></tr> <tr><td>PUMP(S)</td><td>12A</td></tr> <tr><td>BLOWER</td><td>12A</td></tr> <tr><td>OZONE</td><td>1A</td></tr> <tr><td>CIRCULATION PUMP</td><td>4A</td></tr> <tr><td>12V LIGHT</td><td>1A</td></tr> <tr><td>HEATER</td><td>23A</td></tr> </table>	<b>CIRCUIT(S)</b>	<b>MAXIMUM AMPS</b>	PUMP(S)	12A	BLOWER	12A	OZONE	1A	CIRCULATION PUMP	4A	12V LIGHT	1A	HEATER	23A	<b>PACKAGING / SHIPPING :</b> INDIVIDUAL (HQ STOCK) FOB CORONA, CA 92880
<b>CIRCUIT(S)</b>	<b>MAXIMUM AMPS</b>														
PUMP(S)	12A														
BLOWER	12A														
OZONE	1A														
CIRCULATION PUMP	4A														
12V LIGHT	1A														
HEATER	23A														
<b>WARRANTY:</b> 2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS															



**“SLIDE” HEATER FEATURE!**

**Balboa™ Series**

**STANDARD FEATURES**

- M7™ Technology Equipped
- “SLIDE” 1.325/5.5KW, 15” Heater Assembly
- Spaside Control
- All Circuits Convertible to 120 or 240VAC
- 12V Light Assembly
- Freeze Protection
- Standard, Economy & Sleep Modes
- Lighted Smart Cords
- Easy To Install & Service
- Installation Kit (see below)
- Detailed Owners Manual & Wiring Diagram
- US and Canada UL Recognized
- 2 Year Warranty

**OPTIONS**

- Versi-Heat Remote Heater with 60” Cords
- Various Heater Wattages
- Wireless Remote Control
- Less Heater Unit

**SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL**

Spaside Control	Model	Platform	Pump 1	Pump 2	Blower	Circ Pump	Heater
 <b>HT-701S Series</b> 7.4”L x 3.2”H	<b>CS6229B-USZ</b>	VS511SZ	2 SPD	2 SPD	N/A	YES	5.5kW
	<b>CS6239B-USZ</b>	VS510SZ	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW
	<b>CS6339B-USZ</b>	VS520SZ	2 SPD	2 SPD	1 SPD (12A)	YES	5.5kW

**SPASIDE OPTIONS**

**Kit Includes:**

- Remote Control I/R Receiver Sensor (7’)
- Wireless I/R Remote Kit HQ PT#: 48-0197 (parts available separately)
- Auxiliary Spaside HQ PT#: 34-0228-U 7.5”L x 2.3”H

All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

**INSTALLATION KIT (Included)**

**Kit Includes:**

- Spaside Control (See Above)
- Spaside Adapter Plate
- Component Cords
- 2” Tailpieces w/Gaskets
- 12V Light Assembly



**REPLACEMENT PARTS FOR CS6000B SOLID STATE SERIES**

Model	Circuit Board	Spaside	M7™ Sensors (46”)	Heater Element (5.5kW)	Heater Assy (15”)
<b>CS6229B-USZ</b>	33-0033A	34-0227-U	34-0202B (x2)	12-0100-K	22-87M-S00-1F03
<b>CS6239B-USZ</b>	33-0033	34-0227-U	34-0202B (x2)	12-0100-K	22-87M-S00-1F03
<b>CS6339B-USZ</b>	33-0033B	34-0227-U	34-0202B (x2)	12-0100-K	22-87M-S00-1F03

For a complete list of parts, refer to our Parts Catalog

**SYSTEM SPECIFICATIONS**

<b>ELECTRICAL INPUT SPECIFICATION:</b>	SINGLE PHASE, 120/240VAC, 60HZ	<b>FLOW RATE:</b>	23 GPM Min.
<b>ELECTRICAL OUTPUT SPECIFICATION:</b>		<b>SYSTEM DIMENSIONS:</b>	15”W x 11”H x 6”D
<b>CIRCUIT(S)</b>	<b>MAXIMUM AMPS</b>	<b>SHIPPING WEIGHT:</b>	18 LBS
PUMP(S)	12A	<b>PACKAGING / SHIPPING :</b>	INDIVIDUAL (HQ STOCK)
BLOWER	12A		FOB CORONA, CA 92880
OZONE	1A	<b>WARRANTY:</b>	
CIRCULATION PUMP	4A	2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS	
12V LIGHT	1A		
HEATER	23A		



**Balboa™ Series**

**STANDARD FEATURES**

- M7™ Technology Equipped
- 1.325/5.5KW, 15" Heater Assembly
- 2 SPD Pump (Various HP & Voltages)
- 1 HP Blower, 120V
- Spaside Control
- All Circuits Convertible to 120 or 240VAC
- 12V Light Assembly
- Freeze Protection
- Standard, Economy & Sleep Modes
- Lighted Smart Cords
- Easy To Install & Service
- Installation Kit Included
- Detailed Owners Manual & Wiring Diagram
- US and Canada UL Recognized
- 2 Year Warranty

**OPTIONS**

- Versi-Heat Remote Heater with 60" Cords
- Various Heater Wattages
- Wireless Remote Control

\* Some Assembly Required

**SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL**

Spaside Control	Model	Platform	Pump 1	Pump 2	Blower	Circ Pump	Heater
 <b>HT-701S Series</b> 7.4"L x 3.2"H	ES6220B-Z	VS511SZ	2 SPD	2 SPD	N/A	YES	5.5kW
	ES6230B-Z	VS510SZ	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW
	ES6330B-Z	VS520SZ	2 SPD	2 SPD	1 SPD (12A)	YES	5.5kW

**SPASIDE OPTIONS**

**EQUIPMENT SYSTEM COMPONENT OPTIONS CHART**

**Kit Includes:**  
Remote Control  
I/R Receiver Sensor (10')



**Wireless I/R Remote Kit**  
HQ PT#: 48-0197  
(parts available separately)



**Auxiliary Spaside**  
HQ PT#: 34-0228-U  
7.5"L x 2.3"H

Option Code*	Pump	Voltage	Blower	Voltage
-A	1 HP	120	1 HP	120
-B	1 HP	120	N/A	N/A
-C	1.5 HP	120	1 HP	120
-C5	1.5 HP	240	1 HP	120
-D	1.5 HP	120	N/A	N/A
-D5	1.5 HP	240	N/A	N/A
-E	2 HP	240	1 HP	120
-F	2 HP	240	N/A	N/A
-G	3 HP	240	1 HP	120
-H	3 HP	240	N/A	N/A
-J	4 HP	240	1 HP	120
-K	4 HP	240	N/A	N/A

All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

\*Add Option Code to end of ES Model Number

**REPLACEMENT PARTS FOR ES600B SOLID STATE SERIES**

Model	Circuit Board	Spaside	M7™ Sensors (12")	Heater Element (5.5kW)	Heater Assy (15")
ES6220B-Z	33-0033A	34-0227-U	34-0202 (x2)	12-0100-K	26-0071-M7
ES6230B-Z	33-0033	34-0227-U	34-0202 (x2)	12-0100-K	26-0071-M7
ES6330B-Z	33-0033B	34-0227-U	34-0202 (x2)	12-0100-K	26-0071-M7

For a complete list of parts, refer to our Parts Catalog

**SYSTEM SPECIFICATIONS**

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:** 21.5"W x 12"H x 15"D

**ELECTRICAL OUTPUT SPECIFICATION:**

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	12A
BLOWER	12A
OZONE	1A
CIRCULATION PUMP	4A
12V LIGHT	1A
HEATER	23A

**SHIPPING WEIGHT:** 58.7 LBS

**PACKAGING / SHIPPING :** INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**  
2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



HEATER SLIDES FROM BOTTOM TO TOP!

**“SLIDE” HEATER FEATURE!**

**Balboa™ Series**

**STANDARD FEATURES**

- M7™ Technology Equipped
- “SLIDE” 1.325/5.5kW, “L” Heater Assembly
- Spaside Control
- All Circuits Convertible to 120 or 240VAC
- 12V Light Assembly
- Freeze Protection
- Standard, Economy & Sleep Modes
- Lighted Smart Cords
- Easy To Install & Service
- Installation Kit (see below)
- Detailed Owners Manual & Wiring Diagram
- US and Canada UL Recognized
- 2 Year Warranty

**OPTIONS**

- Versi-Heat Remote Heater with 60” Cords
- Various Heater Wattages
- Wireless Remote Control
- Less Heater Unit

**SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL**

Spaside Control	Model	Platform	Pump 1	Pump 2	Blower	Circ Pump	Heater
 <b>ECO-200 Series</b> 4.3”L x 1.6”H	CS4109B-US	VS500Z	2 SPD	N/A	N/A	YES	5.5kW
	CS4209B-US	VS501Z	2 SPD	1 SPD** OR BLOWER**	N/A	YES	5.5kW
	CS4229B-US	VS511Z	2 SPD	2 SPD	N/A	YES	5.5kW
	CS4239B-US*	VS513Z/510Z	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW
 <b>ECO-401 Series</b> 6.3”L x 2.2”H	CS4109B-US-F	VS500Z	2 SPD	N/A	N/A	YES	5.5kW
	CS4209B-US-F	VS501Z	2 SPD	1 SPD** OR BLOWER**	N/A	YES	5.5kW
	CS4229B-US-F	VS511Z	2 SPD	2 SPD	N/A	YES	5.5kW
	CS4239B-US-F*	VS513Z/510Z	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW

\*Pump 2 & Blower button work in sequence

\*\* Pump 2 OR Blower

**WIRELESS I/R REMOTE KIT**

Kit Includes:  
Remote Control  
I/R Receiver Sensor (7')



Wireless I/R Remote Kit  
HQ PT#: 48-0197  
(parts available separately)

All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

**INSTALLATION KIT (Included)**

Kit Includes:  
Spaside Control (See Above)  
Spaside Adapter Plate  
Component Cords  
2” Tailpieces w/Gaskets  
12V Light Assembly



**REPLACEMENT PARTS FOR CS4000B SOLID STATE SERIES**

Model	Circuit Board	Spaside	M7™ Sensors (46”)	Heater Element (5.5kW)	“L” Heater Assy
CS4109B-US	33-0032A	34-0225-U	34-0202B (x2)	12-0100-K	22-67M-S00-1F03
CS4209B-US	33-0032B	34-0225-U	34-0202B (x2)	12-0100-K	22-67M-S00-1F03
CS4229B-US	33-0032C	34-0225-U	34-0202B (x2)	12-0100-K	22-67M-S00-1F03
CS4239B-US	33-0032D	34-0225-U	34-0202B (x2)	12-0100-K	22-67M-S00-1F03
CS4109B-US-F	33-0032A	34-0226-U	34-0202B (x2)	12-0100-K	22-67M-S00-1F03
CS4209B-US-F	33-0032B	34-0226-U	34-0202B (x2)	12-0100-K	22-67M-S00-1F03
CS4229B-US-F	33-0032C	34-0226-U	34-0202B (x2)	12-0100-K	22-67M-S00-1F03
CS4239B-US-F	33-0032D	34-0226-U	34-0202B (x2)	12-0100-K	22-67M-S00-1F03

For a complete list of parts, refer to our Parts Catalog

**SYSTEM SPECIFICATIONS**

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**FLOW RATE:**

23 GPM Min.

**ELECTRICAL OUTPUT SPECIFICATION:**

**SYSTEM DIMENSIONS:**

15”W x 11”H x 6”D

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	12A
BLOWER	12A
OZONE	1A
CIRCULATION PUMP	4A
12V LIGHT	1A
HEATER	23A

**SHIPPING WEIGHT:**

18 LBS

**PACKAGING / SHIPPING :**

INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**

2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



**Balboa™ Series**

### STANDARD FEATURES

- M7™ Technology Equipped
- 1.325/5.5KW, "L" Heater Assembly
- 2 SPD Pump (Various HP & Voltages)
- 1 HP Blower, 120V
- Spaside Control
- All Circuits Convertible to 120 or 240VAC
- 12V Light Assembly
- Freeze Protection
- Standard, Economy & Sleep Modes
- Lighted Smart Cords
- Easy To Install & Service
- Installation Kit Included
- Detailed Owners Manual & Wiring Diagram
- US and Canada UL Recognized
- 2 Year Warranty

### OPTIONS

- Versi-Heat Remote Heater with 60" Cords
- Various Heater Wattages
- Wireless Remote Control

\* Some Assembly Required

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Spaside Control	Model	Platform	Pump 1	Pump 2	Blower	Circ Pump	Heater
 <b>ECO-200 Series</b> 4.3"L x 1.6"H	ES4100B	VS500Z	2 SPD	N/A	N/A	YES	5.5kW
	ES4200B	VS501Z	2 SPD	1 SPD** OR BLOWER**	N/A	YES	5.5kW
	ES4220B	VS511Z	2 SPD	2 SPD	N/A	YES	5.5kW
	ES4230B*	VS513Z/510Z	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW
 <b>ECO-401 Series</b> 6.3"L x 2.2"H	ES4100B-F	VS500Z	2 SPD	N/A	N/A	YES	5.5kW
	ES4200B-F	VS501Z	2 SPD	1 SPD** OR BLOWER**	N/A	YES	5.5kW
	ES4220B-F	VS511Z	2 SPD	2 SPD	N/A	YES	5.5kW
	ES4230B-F*	VS513Z/510Z	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW

\*Pump 2 & Blower button work in sequence

\*\* Pump 2 OR Blower

### WIRELESS I/R REMOTE KIT

#### Kit Includes:

- Remote Control
- I/R Receiver Sensor (7')



**Wireless I/R Remote Kit**  
 HQ PT#: 48-0197  
 (parts available separately)

All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

### EQUIPMENT SYSTEM COMPONENT OPTIONS CHART

Option Code*	Pump	Voltage	Blower	Voltage
-A	1 HP	120	1 HP	120
-B	1 HP	120	N/A	N/A
-C	1.5 HP	120	1 HP	120
-C5	1.5 HP	240	1 HP	120
-D	1.5 HP	120	N/A	N/A
-D5	1.5 HP	240	N/A	N/A
-E	2 HP	240	1 HP	120
-F	2 HP	240	N/A	N/A
-G	3 HP	240	1 HP	120
-H	3 HP	240	N/A	N/A
-J	4 HP	240	1 HP	120
-K	4 HP	240	N/A	N/A

\*Add Option Code to end of ES Model Number

### REPLACEMENT PARTS FOR ES4000B SOLID STATE SERIES

Model	Circuit Board	Spaside	M7™ Sensors (12")	Heater Element (5.5kW)	"L" Heater Assy
ES4100B	33-0032A	34-0225-U	34-0202 (x2)	12-0100-K	22-67M-S00-1F03
ES4200B	33-0032B	34-0225-U	34-0202 (x2)	12-0100-K	22-67M-S00-1F03
ES4220B	33-0032C	34-0225-U	34-0202 (x2)	12-0100-K	22-67M-S00-1F03
ES4230B	33-0032D	34-0225-U	34-0202 (x2)	12-0100-K	22-67M-S00-1F03
ES4100B-F	33-0032A	34-0226-U	34-0202 (x2)	12-0100-K	22-67M-S00-1F03
ES4200B-F	33-0032B	34-0226-U	34-0202 (x2)	12-0100-K	22-67M-S00-1F03
ES4220B-F	33-0032C	34-0226-U	34-0202 (x2)	12-0100-K	22-67M-S00-1F03
ES4230B-F	33-0032D	34-0226-U	34-0202 (x2)	12-0100-K	22-67M-S00-1F03

For a complete list of parts, refer to our Parts Catalog

### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:**

18"W x 15"H x 15"D

**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:**

58.7 LBS

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	12A
BLOWER	12A
OZONE	1A
CIRCULATION PUMP	4A
12V LIGHT	1A
HEATER	23A

**PACKAGING / SHIPPING :**

INDIVIDUAL (HQ STOCK)  
 FOB CORONA, CA 92880

**WARRANTY:**

2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



HEATER SLIDES FROM BOTTOM TO TOP!

**“SLIDE” HEATER FEATURE!**

**Balboa™ Series**

**STANDARD FEATURES**

- M7™ Technology Equipped
- “SLIDE” 1.325/5.5KW, “L” Heater Assembly
- Spaside Control
- All Circuits Convertible to 120 or 240VAC
- 12V Light Assembly
- Freeze Protection
- Standard, Economy & Sleep Modes
- Lighted Smart Cords
- Easy To Install & Service
- Installation Kit (see below)
- Detailed Owners Manual & Wiring Diagram
- US and Canada UL Recognized
- 2 Year Warranty

**OPTIONS**

- Versi-Heat Remote Heater with 60” Cords
- Various Heater Wattages
- Wireless Remote Control
- Less Heater Unit

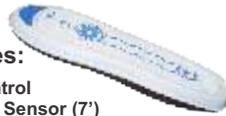
**SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL**

Spaside Control	Model	Platform	Pump 1	Pump 2	Blower	Circ Pump	Heater
 <b>HT-701S Series</b> 7.4”L x 3.2”H	<b>CS4229B-USZ</b>	VS511SZ	2 SPD	2 SPD	N/A	YES	5.5kW
	<b>CS4239B-USZ</b>	VS510SZ	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW
	<b>CS4339B-USZ</b>	VS520SZ	2 SPD	2 SPD	1 SPD (12A)	YES	5.5kW

**SPASIDE OPTIONS**

**Kit Includes:**

Remote Control  
I/R Receiver Sensor (7’)



Wireless I/R Remote Kit  
HQ PT#: 48-0197  
(parts available separately)



Auxiliary Spaside  
HQ PT#: 34-0228-U  
7.5”L x 2.3”H

All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

**INSTALLATION KIT (Included)**

**Kit Includes:**

- Spaside Control (See Above)
- Spaside Adapter Plate
- Component Cords
- 2” Tailpieces w/Gaskets
- 12V Light Assembly



**REPLACEMENT PARTS FOR CS400B SOLID STATE SERIES**

Model	Circuit Board	Spaside	M7™ Sensors (46”)	Heater Element (5.5kW)	“L” Heater Assy
<b>CS4229B-USZ</b>	33-0033A	34-0227-U	34-0202B (x2)	12-0100-K	22-67M-S00-1F03
<b>CS4239B-USZ</b>	33-0033	34-0227-U	34-0202B (x2)	12-0100-K	22-67M-S00-1F03
<b>CS4339B-USZ</b>	33-0033B	34-0227-U	34-0202B (x2)	12-0100-K	22-67M-S00-1F03

For a complete list of parts, refer to our Parts Catalog

**SYSTEM SPECIFICATIONS**

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**FLOW RATE:**

23 GPM Min.

**ELECTRICAL OUTPUT SPECIFICATION:**

**SYSTEM DIMENSIONS:**

15”W x 11”H x 6”D

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	12A
BLOWER	12A
OZONE	1A
CIRCULATION PUMP	4A
12V LIGHT	1A
HEATER	23A

**SHIPPING WEIGHT:**

18 LBS

**PACKAGING / SHIPPING :**

INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**

2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



**Balboa™ Series**

**STANDARD FEATURES**

- M7™ Technology Equipped
- 1.325/5.5KW, "L" Heater Assembly
- 2 SPD Pump (Various HP & Voltages)
- 1 HP Blower, 120V
- Spaside Control
- All Circuits Convertible to 120 or 240VAC
- 12V Light Assembly
- Freeze Protection
- Standard, Economy & Sleep Modes
- Lighted Smart Cords
- Easy To Install & Service
- Installation Kit Included
- Detailed Owners Manual & Wiring Diagram
- US and Canada UL Recognized
- 2 Year Warranty

**OPTIONS**

- Versi-Heat Remote Heater with 60" Cords
- Various Heater Wattages
- Wireless Remote Control

\* Some Assembly Required

**SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL**

Spaside Control	Model	Platform	Pump 1	Pump 2	Blower	Circ Pump	Heater
 <b>HT-701S Series</b> 7.4"L x 3.2"H	ES4220B-Z	VS511SZ	2 SPD	2 SPD	N/A	YES	5.5kW
	ES4230B-Z	VS510SZ	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW
	ES4330B-Z	VS520SZ	2 SPD	2 SPD	1 SPD (12A)	YES	5.5kW

**SPASIDE OPTIONS**

**EQUIPMENT SYSTEM COMPONENT OPTIONS CHART**

**Kit Includes:**  
 Remote Control  
 I/R Receiver Sensor (10')



**Wireless I/R Remote Kit**  
 HQ PT#: 48-0197  
 (parts available separately)



**Auxiliary Spaside**  
 HQ PT#: 34-0228-U  
 7.5"L x 2.3"H

Option Code*	Pump	Voltage	Blower	Voltage
-A	1 HP	120	1 HP	120
-B	1 HP	120	N/A	N/A
-C	1.5 HP	120	1 HP	120
-C5	1.5 HP	240	1 HP	120
-D	1.5 HP	120	N/A	N/A
-D5	1.5 HP	240	N/A	N/A
-E	2 HP	240	1 HP	120
-F	2 HP	240	N/A	N/A
-G	3 HP	240	1 HP	120
-H	3 HP	240	N/A	N/A
-J	4 HP	240	1 HP	120
-K	4 HP	240	N/A	N/A

\*Add Option Code to end of ES Model Number

All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

**REPLACEMENT PARTS FOR ES400B SOLID STATE SERIES**

Model	Circuit Board	Spaside	M7™ Sensors (12")	Heater Element (5.5kW)	"L" Heater Assy
ES4220B-Z	33-0033A	34-0227-U	34-0202 (x2)	12-0100-K	22-67M-S00-1F03
ES4230B-Z	33-0033	34-0227-U	34-0202 (x2)	12-0100-K	22-67M-S00-1F03
ES4330B-Z	33-0033B	34-0227-U	34-0202 (x2)	12-0100-K	22-67M-S00-1F03

For a complete list of parts, refer to our Parts Catalog

**SYSTEM SPECIFICATIONS**

<b>ELECTRICAL INPUT SPECIFICATION:</b> SINGLE PHASE, 120/240VAC, 60HZ	<b>SYSTEM DIMENSIONS:</b> 18"W x 15"H x 15"D														
<b>ELECTRICAL OUTPUT SPECIFICATION:</b>	<b>SHIPPING WEIGHT:</b> 58.7 LBS														
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">CIRCUIT(S)</th> <th style="width: 50%;">MAXIMUM AMPS</th> </tr> </thead> <tbody> <tr><td>PUMP(S)</td><td>12A</td></tr> <tr><td>BLOWER</td><td>12A</td></tr> <tr><td>OZONE</td><td>1A</td></tr> <tr><td>CIRCULATION PUMP</td><td>4A</td></tr> <tr><td>12V LIGHT</td><td>1A</td></tr> <tr><td>HEATER</td><td>23A</td></tr> </tbody> </table>	CIRCUIT(S)	MAXIMUM AMPS	PUMP(S)	12A	BLOWER	12A	OZONE	1A	CIRCULATION PUMP	4A	12V LIGHT	1A	HEATER	23A	<b>PACKAGING / SHIPPING :</b> INDIVIDUAL (HQ STOCK) FOB CORONA, CA 92880
CIRCUIT(S)	MAXIMUM AMPS														
PUMP(S)	12A														
BLOWER	12A														
OZONE	1A														
CIRCULATION PUMP	4A														
12V LIGHT	1A														
HEATER	23A														
<b>WARRANTY:</b> 2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS															



**HYDROQUIP™**  
THE **SMART CHOICE™**

Lite Leader  
**CS700B Economy Series**  
Solid State **“SLIDE”** Control Systems



HEATER SLIDES FROM BOTTOM TO TOP!



**STANDARD**

- “SLIDE” 1.375/5.5KW, 15” Heater Assembly
- Spaside Control
- All Circuits Convertible to 120 or 240VAC
- 12V Light Assembly
- Freeze Protection
- Lighted Smart Cords
- Easy To Install & Service
- Brushed Aluminum Enclosure
- Heater “ON” Indicator Light
- Installation Kit (see below)
- Detailed Owners Manual & Wiring Diagram
- US and Canada UL Recognized
- 2 Year Warranty

**“SLIDE” HEATER FEATURE!**

**Balboa™ Series**

**SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL**

Spaside Control	Model	Platform	Pump 1	Pump 2	Blower	Circ Pump	Heater
 <b>ECO-LL Series</b> 4.5”L x 2.25”H	<b>CS7109B-US</b>	LITE LEADER	2 SPD	N/A	N/A	N/A	5.5kW
	<b>CS7109B-US-4.0</b>	LITE LEADER	2 SPD	N/A	N/A	N/A	4.0kW

**INSTALLATION KIT (Included)**



**ECO-LL Series**  
4.5”L x 2.25”H

Kit Includes:

- Spaside Control
- Spaside Adapter Plate
- Component Cords
- 2” Tailpieces w/Gaskets
- 12V Light Assembly



**REPLACEMENT PARTS FOR CS700B SOLID STATE SERIES**

Model	Circuit Board	Spaside	Pressure Switch	Dual Temp/HL Sensors	Heater Element	Heater Assy (15”)
<b>CS7100B-US</b>	33-0031	34-0229	34-0178A	34-0202B	12-0100-K	22-87B-B00-1FP3
<b>CS7100B-US-4.0</b>	33-0031	34-0229	34-0178A	34-0202B	12-0102-K	22-85B-B00-1FP3

For a complete list of parts, refer to our Parts Catalog

**SYSTEM SPECIFICATIONS**

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:** 15”W x 10”H x 5”D

**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:** 15 LBS

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	12A
OZONE	1A
12V LIGHT	1A
HEATER	23A

**PACKAGING / SHIPPING :** INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**  
2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



**Water Pro**  
by HYDROQUIP

**BALBOA Series by HYDROQUIP**

**Classic AMP Plugs**

**Balboa™ Series**

**STANDARD**

- 1.375/5.5KW, 15" Heater Assembly
- Spaside Control
- All Circuits Convertible to 120 or 240VAC
- 12V Light Assembly
- Freeze Protection
- Amp Receptacles
- Easy To Install & Service
- Brushed Aluminum Enclosure
- Heater "ON" Indicator Light
- Installation Kit (see below)
- Detailed Owners Manual & Wiring Diagram
- US and Canada UL Recognized
- 2 Year Warranty

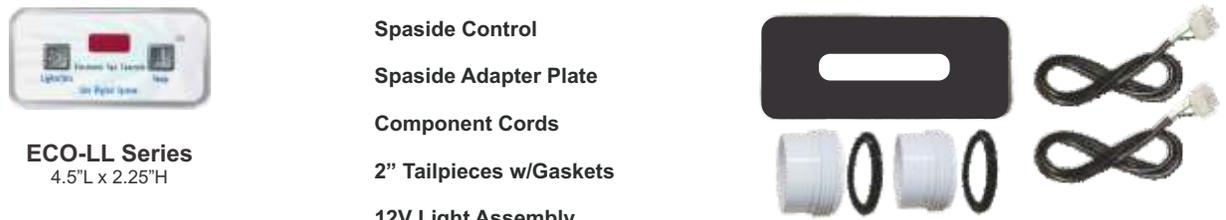
**SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL**

Spaside Control	Model	Platform	Pump 1	Pump 2	Blower	Circ Pump	Heater
 <b>ECO-LL Series</b> 4.5"L x 2.25"H	<b>CS7100B-U-WP</b>	LITE LEADER	2 SPD	N/A	N/A	N/A	5.5kW
	<b>CS7100B-U-4.0-WP</b>	LITE LEADER	2 SPD	N/A	N/A	N/A	4.0kW

**INSTALLATION KIT (Included)**

**Kit Includes:**

- Spaside Control
- Spaside Adapter Plate
- Component Cords
- 2" Tailpieces w/Gaskets
- 12V Light Assembly



**ECO-LL Series**  
 4.5"L x 2.25"H

**REPLACEMENT PARTS FOR CS7000B SOLID STATE SERIES**

Model	Circuit Board	Spaside	Pressure Switch	Dual Temp/HL Sensors	Heater Element	Heater Assy (15")
<b>CS7100B-U-WP</b>	33-0031	34-0229	34-0178	34-0202D	12-0100-K	26-0071-KSS
<b>CS7100B-U-4.0-WP</b>	33-0031	34-0229	34-0178	34-0202D	12-0102-K	26-0071-KSS

**For a complete list of parts, refer to our Parts Catalog**

**SYSTEM SPECIFICATIONS**

<b>ELECTRICAL INPUT SPECIFICATION:</b>	SINGLE PHASE, 120/240VAC, 60HZ	<b>SYSTEM DIMENSIONS:</b>	15"W x 10"H x 5"D
<b>ELECTRICAL OUTPUT SPECIFICATION:</b>		<b>SHIPPING WEIGHT:</b>	15 LBS
<b>CIRCUIT(S)</b>	<b>MAXIMUM AMPS</b>	<b>PACKAGING / SHIPPING :</b>	INDIVIDUAL (HQ STOCK) FOB CORONA, CA 92880
PUMP(S)	12A	<b>WARRANTY:</b>	2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS
OZONE	1A		
12V LIGHT	1A		
HEATER	23A		



Classic AMP  
Plugs

**Balboa™ Series**

### STANDARD FEATURES

- M7™ Technology Equipped
- 1.325/5.5KW, 15" Heater Assembly
- Amp Receptacles
- Spaside Control
- All Circuits Convertible to 120 or 240VAC
- 12V Light Assembly
- Freeze Protection
- Standard, Economy & Sleep Modes
- Easy To Install & Service
- Installation Kit (see below)
- Detailed Owners Manual & Wiring Diagram
- US and Canada UL Recognized
- 2 Year Warranty

### OPTIONS

- Various Heater Wattages
- Wireless Remote Control

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Spaside Control	Model	Platform	Pump 1	Pump 2	Blower	Circ Pump	Heater
 <b>ECO-200 Series</b> 4.3"L x 1.6"H	<b>CS6100B-U-WP</b>	VS500Z	2 SPD	N/A	N/A	YES	5.5kW
	<b>CS6200B-U-WP</b>	VS501Z	2 SPD	1 SPD** OR BLOWER**	N/A	YES	5.5kW
	<b>CS6220B-U-WP</b>	VS511Z	2 SPD	2 SPD	N/A	YES	5.5kW
	<b>CS6230B-U-WP*</b>	VS513Z/510Z	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW
 <b>ECO-401 Series</b> 6.3"L x 2.2"H	<b>CS6100B-U-F-WP</b>	VS500Z	2 SPD	N/A	N/A	YES	5.5kW
	<b>CS6200B-U-F-WP</b>	VS501Z	2 SPD	1 SPD** OR BLOWER**	N/A	YES	5.5kW
	<b>CS6220B-U-F-WP</b>	VS511Z	2 SPD	2 SPD	N/A	YES	5.5kW
	<b>CS6230B-U-F-WP*</b>	VS513Z/510Z	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW

\*Pump 2 & Blower Button work in sequence

\*\* Pump 2 OR Blower

### WIRELESS I/R REMOTE KIT

#### Kit Includes:

- Remote Control
- I/R Receiver Sensor (7')



Wireless I/R Remote Kit  
HQ PT#: 48-0197  
(parts available separately)

All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

### INSTALLATION KIT (Included)

#### Kit Includes:

- Spaside Control (See Above)
- Spaside Adapter Plate
- Component Cords
- 2" Tailpieces w/Gaskets
- 12V Light Assembly



### REPLACEMENT PARTS FOR CS6000B SOLID STATE SERIES

Model	Circuit Board	Spaside	M7™ Sensors (12")	Heater Element (5.5kW)	Heater Assy (15")
<b>CS6100B-U-WP</b>	33-0032A	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7
<b>CS6200B-U-WP</b>	33-0032B	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7
<b>CS6220B-U-WP</b>	33-0032C	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7
<b>CS6230B-U-WP</b>	33-0032D	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7
<b>CS6100B-U-F-WP</b>	33-0032A	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7
<b>CS6200B-U-F-WP</b>	33-0032B	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7
<b>CS6220B-U-F-WP</b>	33-0032C	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7
<b>CS6230B-U-F-WP</b>	33-0032D	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7

For a complete list of parts, refer to our Parts Catalog

### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**FLOW RATE:**

23 GPM Min.

**ELECTRICAL OUTPUT SPECIFICATION:**

**SYSTEM DIMENSIONS:**

15"W x 11"H x 6"D

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	12A
BLOWER	12A
OZONE	1A
CIRCULATION PUMP	4A
12V LIGHT	1A
HEATER	23A

**SHIPPING WEIGHT:**

18 LBS

**PACKAGING / SHIPPING :**

INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**

2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



Classic AMP  
Plugs

**Balboa™ Series**

**STANDARD FEATURES**

- M7™ Technology Equipped
- 1.325/5.5KW, 15" Heater Assembly
- Amp Receptacles
- Spaside Control
- All Circuits Convertible to 120 or 240VAC
- 12V Light Assembly
- Freeze Protection
- Standard, Economy & Sleep Modes
- Easy To Install & Service
- Installation Kit (see below)
- Detailed Owners Manual & Wiring Diagram
- US and Canada UL Recognized
- 2 Year Warranty

**OPTIONS**

- Various Heater Wattages
- Wireless Remote Control

**SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL**

Spaside Control	Model	Platform	Pump 1	Pump 2	Blower	Circ Pump	Heater
 <b>HT-701S Series</b> 7.4"L x 3.2"H	CS6220B-UZ-WP	VS511SZ	2 SPD	2 SPD	N/A	YES	5.5kW
	CS6230B-UZ-WP	VS510SZ	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW
	CS6330B-UZ-WP	VS520SZ	2 SPD	2 SPD	1 SPD (12A)	YES	5.5kW

**SPASIDE OPTIONS**

**Kit Includes:**

Remote Control  
I/R Receiver Sensor (10')



**Wireless I/R Remote Kit**  
 HQ PT#: 48-0197  
 (parts available separately)



**Auxiliary Spaside**  
 HQ PT#: 34-0228-U  
 7.5"L x 2.3"H

All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

**INSTALLATION KIT (Included)**

**Kit Includes:**

- Spaside Control (See Above)
- Spaside Adapter Plate
- Component Cords
- 2" Tailpieces w/Gaskets
- 12V Light Assembly



**REPLACEMENT PARTS FOR CS6000B SOLID STATE SERIES**

Model	Circuit Board	Spaside	M7™ Sensors (12")	Heater Element (5.5kW)	Heater Assy (15")
CS6220B-UZ-WP	33-0033A	34-0227-U	34-0202 (x2)	12-0100-K	26-0071-M7
CS6230B-UZ-WP	33-0033	34-0227-U	34-0202 (x2)	12-0100-K	26-0071-M7
CS6330B-UZ-WP	33-0033B	34-0227-U	34-0202 (x2)	12-0100-K	26-0071-M7

For a complete list of parts, refer to our Parts Catalog

**SYSTEM SPECIFICATIONS**

<b>ELECTRICAL INPUT SPECIFICATION:</b>	SINGLE PHASE, 120/240VAC, 60HZ	<b>FLOW RATE:</b>	23 GPM Min.
<b>ELECTRICAL OUTPUT SPECIFICATION:</b>		<b>SYSTEM DIMENSIONS:</b>	15"W x 11"H x 6"D
<b>CIRCUIT(S)</b>	<b>MAXIMUM AMPS</b>	<b>SHIPPING WEIGHT:</b>	18 LBS
PUMP(S)	12A	<b>PACKAGING / SHIPPING :</b>	INDIVIDUAL (HQ STOCK)
BLOWER	12A		FOB CORONA, CA 92880
OZONE	1A	<b>WARRANTY:</b>	
CIRCULATION PUMP	4A	2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR	
12V LIGHT	1A	HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS	
HEATER	23A		



**HYDROQUIP™**  
THE **SMART CHOICE™**

**CS6000 Standard Series**  
**Solid State "SLIDE" Control Systems**



HEATER SLIDES FROM BOTTOM TO TOP!



**STANDARD FEATURES**

- "SLIDE" 1.325/5.5KW, 15" Heater Assembly
- All Circuits Convertible to 120 or 240VAC
- Installation Kit (see below)
- Smart-Freeze Protection
- "VDS" Visual Diagnostics
- Lighted Smart Cords
- Pressure Switch Protected
- Detailed Owners Manual & Wiring Diagram
- 2 Year Warranty

**OPTIONS**

- Versi-Heat Remote Heater with 60" Cords
- Various Heater Wattages
- Less Heater Unit
- Full Size Spaside Controls (standard on some models)

**Gecko™ Series**

**SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL**

Model	Pump 1	Pump 2	Blower	Ozone	Circ Pump	12V Light	H/C GFCI	Warranty
CS6109-US	2 SPD	N/A	N/A	YES	N/A	INCLUDED	NO	2 YEARS
CS6209-US	2 SPD	1 SPD**	OR BLOWER**	YES	YES	INCLUDED	NO	2 YEARS
CS6229-US	2 SPD	2 SPD	N/A	YES	N/A	INCLUDED	NO	2 YEARS
CS6239-US	2 SPD	1 SPD	1 SPD (8A)	YES	YES	INCLUDED	NO	2 YEARS
CS6339-US	2 SPD	2 SPD	1 SPD (8A)	YES	YES	INCLUDED	NO	2 YEARS
CS6109-US-HC	2 SPD	N/A	N/A	YES	N/A	INCLUDED	YES	2 YEARS
CS6209-US-HC	2 SPD	1 SPD**	OR BLOWER**	YES	YES	INCLUDED	YES	2 YEARS
CS6229-US-HC	2 SPD	2 SPD	N/A	YES	N/A	INCLUDED	YES	2 YEARS
CS6239-US-HC	2 SPD	1 SPD	1 SPD (8A)	YES	YES	INCLUDED	YES	2 YEARS
CS6339-US-HC	2 SPD	2 SPD	1 SPD (8A)	YES	YES	INCLUDED	YES	2 YEARS

-F = Full size spaside on CS6109, 6209 & 6229 models only. (Add to the end of "CS" model number)

\*\* Pump 2 or Blower only

**SPASIDE OPTIONS**



All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

**INSTALLATION KIT (Included)**

**Kit Includes:**

- Spaside Control (Eco-6 shown)
- Spaside Adapter Plate
- Component Cords
- 2" Tailpieces w/Gaskets
- 12V Light Assembly



**REPLACEMENT PARTS FOR CS6000 SOLID STATE SERIES**

Model	Circuit Board	Spaside	Temp Sensor	Hi-Limit Sensor	Heater Element (5.5kW)	PSI Switch	Heater Assy (15")
CS6109-US/HC	33-0014A-R8	34-0207	34-0203	34-0201B	12-0100-K	34-0178A	22-87B-S00-1FP3
CS6209-US/HC	33-0024-R6	34-0208	34-0203D-36	34-0201D-36	12-0100-K	34-0178A	22-87B-S00-1FP3
CS6229-US/HC	33-0024D-R3	34-0208	34-0203D-36	34-0201D-36	12-0100-K	34-0178A	22-87B-S00-1FP3
CS6239-US/HC	33-0024B-R4	34-0197	34-0203D-36	34-0201D-36	12-0100-K	34-0178A	22-87B-S00-1FP3
CS6339-US/HC	33-0024E	34-0197	34-0203D-36	34-0201D-36	12-0100-K	34-0178A	22-87B-S00-1FP3

For a complete list of parts, refer to our Parts Catalog

**SYSTEM SPECIFICATIONS**

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:** 15"W x 11"H x 6"D

**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:** 18 LBS

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	13A
BLOWER	8A
OZONE	2A
CIRCULATION PUMP	5A
12V LIGHT	1A
HEATER	23A

**PACKAGING / SHIPPING :** INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**  
2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



### STANDARD FEATURES

- 1.325/5.5KW, 15" Heater Assembly
- 2 SPD Pump (various hp & voltage)
- 1 HP Blower, 120V
- All Circuits Convertible to 120 or 240VAC
- Installation Kit Included
- Smart-Freeze Protection
- "VDS" Visual Diagnostics
- Lighted Smart Cords
- Pressure Switch Protected
- Detailed Owners Manual & Wiring Diagram
- 2 Year Warranty

### OPTIONS

- Versi-Heat Remote Heater with 60" Cords
- Various Heater Wattages
- Full Size Spaside Controls (standard on some models)

\* Some Assembly Required

Gecko™ Series

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Model	Pump 1	Pump 2	Blower	Ozone	Circ Pump	12V Light	H/C GFCI	Warranty
ES6100	2 SPD	N/A	N/A	YES	N/A	INCLUDED	NO	2 YEARS
ES6200	2 SPD	1 SPD**	OR BLOWER**	YES	YES	INCLUDED	NO	2 YEARS
ES6220	2 SPD	2 SPD	N/A	YES	N/A	INCLUDED	NO	2 YEARS
ES6230	2 SPD	1 SPD	1 SPD (8A)	YES	YES	INCLUDED	NO	2 YEARS
ES6330	2 SPD	2 SPD	1 SPD (8A)	YES	YES	INCLUDED	NO	2 YEARS
ES6100-HC	2 SPD	N/A	N/A	YES	N/A	INCLUDED	YES	2 YEARS
ES6200-HC	2 SPD	1 SPD**	OR BLOWER**	YES	YES	INCLUDED	YES	2 YEARS
ES6220-HC	2 SPD	2 SPD	N/A	YES	N/A	INCLUDED	YES	2 YEARS
ES6230-HC	2 SPD	1 SPD	1 SPD (8A)	YES	YES	INCLUDED	YES	2 YEARS
ES6330-HC	2 SPD	2 SPD	1 SPD (8A)	YES	YES	INCLUDED	YES	2 YEARS

See system component options chart below for pump and blower options

-F = Full size spaside on ES6100, 6200 & 6220 models only. (Add to the end of "ES" model number)

\*\* Pump 2 or Blower only

### SPASIDE OPTIONS



All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

### EQUIPMENT SYSTEM COMPONENT OPTIONS CHART

Option Code*	Pump	Voltage	Blower	Voltage
-A	1 HP	120	1 HP	120
-B	1 HP	120	N/A	N/A
-C	1.5 HP	120	1 HP	120
-C5	1.5 HP	240	1 HP	120
-D	1.5 HP	120	N/A	N/A
-D5	1.5 HP	240	N/A	N/A
-E	2 HP	240	1 HP	120
-F	2 HP	240	N/A	N/A
-G	3 HP	240	1 HP	120
-H	3 HP	240	N/A	N/A
-J	4 HP	240	1 HP	120
-K	4 HP	240	N/A	N/A

\*Add Option Code to end of ES Model Number

### REPLACEMENT PARTS FOR ES6000 SOLID STATE SERIES

Model	Circuit Board	Spaside	Temp Sensor	Hi-Limit Sensor	Heater Element (5.5kW)	PSI Switch	Heater Assy (15")
ES6100/HC	33-0014A-R8	34-0207	34-0203	34-0201B	12-0100-K	34-0178	26-0071
ES6200/HC	33-0024-R6	34-0208	34-0203D	34-0201D	12-0100-K	34-0178	26-0071
ES6220/HC	33-0024D-R3	34-0208	34-0203D	34-0201D	12-0100-K	34-0178	26-0071
ES6230/HC	33-0024B-R4	34-0197	34-0203D	34-0201D	12-0100-K	34-0178	26-0071
ES6330/HC	33-0024E	34-0197	34-0203D	34-0201D	12-0100-K	34-0178	26-0071

For a complete list of parts, refer to our Parts Catalog

### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:** 21.5"W x 12"H x 15"D

**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:** 58.7 LBS

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	13A
BLOWER	8A
OZONE	2A
CIRCULATION PUMP	5A
12V LIGHT	1A
HEATER	23A

**PACKAGING / SHIPPING :** INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**  
2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



# HYDROQUIP™

THE **SMART CHOICE™**

## CS4000 Pump Mount Series Solid State "SLIDE" Control Systems



**"SLIDE" HEATER FEATURE!**

**Gecko™ Series**

### STANDARD FEATURES

- "SLIDE" 1.325/5.5KW, "L" Heater Assembly
- All Circuits Convertible to 120 or 240VAC
- Installation Kit (see below)
- Smart-Freeze Protection
- "VDS" Visual Diagnostics
- Lighted Smart Cords
- Pressure Switch Protected
- Detailed Owners Manual & Wiring Diagram
- 2 Year Warranty

### OPTIONS

- Versi-Heat Remote Heater with 60" Cords
- Various Heater Wattages
- Less Heater Unit
- Full Size Spaside Controls (standard on some models)

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

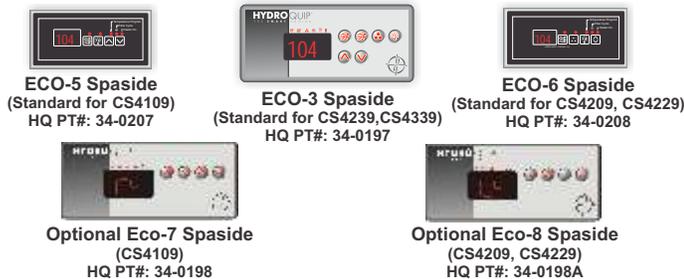
Model	Pump 1	Pump 2	Blower	Ozone	Circ Pump	12V Light	H/C GFCI	Warranty
CS4109-US	2 SPD	N/A	N/A	YES	N/A	INCLUDED	NO	2 YEARS
CS4209-US	2 SPD	1 SPD**	OR BLOWER**	YES	YES	INCLUDED	NO	2 YEARS
CS4229-US	2 SPD	2 SPD	N/A	YES	N/A	INCLUDED	NO	2 YEARS
CS4239-US	2 SPD	1 SPD	1 SPD (8A)	YES	YES	INCLUDED	NO	2 YEARS
CS4339-US	2 SPD	2 SPD	1 SPD (8A)	YES	YES	INCLUDED	NO	2 YEARS
CS4109-US-HC	2 SPD	N/A	N/A	YES	N/A	INCLUDED	YES	2 YEARS
CS4209-US-HC	2 SPD	1 SPD**	OR BLOWER**	YES	YES	INCLUDED	YES	2 YEARS
CS4229-US-HC	2 SPD	2 SPD	N/A	YES	N/A	INCLUDED	YES	2 YEARS
CS4239-US-HC	2 SPD	1 SPD	1 SPD (8A)	YES	YES	INCLUDED	YES	2 YEARS
CS4339-US-HC	2 SPD	2 SPD	1 SPD (8A)	YES	YES	INCLUDED	YES	2 YEARS

-F = Full size spaside on CS4109, 4209 & 4229 models only. (Add to the end of "CS" model number)

\*\* Pump 2 or Blower only

### SPASIDE OPTIONS

### INSTALLATION KIT (Included)



All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

#### Kit Includes:

Spaside Control (Eco-6 shown)

Spaside Adapter Plate

Component Cords

2" Tailpieces w/Gaskets

12V Light Assembly



### REPLACEMENT PARTS FOR CS4000 SOLID STATE SERIES

Model	Circuit Board	Spaside	Temp Sensor	Hi-Limit Sensor	Heater Element (5.5kW)	PSI Switch	"L" Heater Assy
CS4109-US/HC	33-0014A-R8	34-0207	34-0203	34-0201B	12-0100-K	34-0178A	22-67B-S00-1FP3
CS4209-US/HC	33-0024-R6	34-0208	34-0203D-36	34-0201D-36	12-0100-K	34-0178A	22-67B-S00-1FP3
CS4229-US/HC	33-0024D-R3	34-0208	34-0203D-36	34-0201D-36	12-0100-K	34-0178A	22-67B-S00-1FP3
CS4239-US/HC	33-0024B-R4	34-0197	34-0203D-36	34-0201D-36	12-0100-K	34-0178A	22-67B-S00-1FP3
CS4339-US/HC	33-0024E	34-0197	34-0203D-36	34-0201D-36	12-0100-K	34-0178A	22-67B-S00-1FP3

For a complete list of parts, refer to our Parts Catalog

### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:**

17"W x 9.5"H x 7.5"D

**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:**

18 LBS

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	13A
BLOWER	8A
OZONE	2A
CIRCULATION PUMP	5A
12V LIGHT	1A
HEATER	23A

**PACKAGING / SHIPPING :**

INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**

2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



### STANDARD FEATURES

- 1.325/5.5KW, "L" Heater Assembly
- 2 SPD Pump (various hp & voltage)
- 1 HP Blower, 120V
- All Circuits Convertible to 120 or 240VAC
- Installation Kit Included
- Smart-Freeze Protection
- "VDS" Visual Diagnostics
- Lighted Smart Cords
- Pressure Switch Protected
- Detailed Owners Manual & Wiring Diagram
- 2 Year Warranty

### OPTIONS

- Versi-Heat Remote Heater with 60" Cords
- Various Heater Wattages
- Full Size Spaside Controls (standard on some models)

\* Some Assembly Required

**Gecko™ Series**

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Model	Pump 1	Pump 2	Blower	Ozone	Circ Pump	12V Light	H/C GFCI	Warranty
ES4100	2 SPD	N/A	N/A	YES	N/A	INCLUDED	NO	2 YEARS
ES4200	2 SPD	1 SPD**	OR BLOWER**	YES	YES	INCLUDED	NO	2 YEARS
ES4220	2 SPD	2 SPD	N/A	YES	N/A	INCLUDED	NO	2 YEARS
ES4230	2 SPD	1 SPD	1 SPD (8A)	YES	YES	INCLUDED	NO	2 YEARS
ES4330	2 SPD	2 SPD	1 SPD (8A)	YES	YES	INCLUDED	NO	2 YEARS
ES4100-HC	2 SPD	N/A	N/A	YES	N/A	INCLUDED	YES	2 YEARS
ES4200-HC	2 SPD	1 SPD**	OR BLOWER**	YES	YES	INCLUDED	YES	2 YEARS
ES4220-HC	2 SPD	2 SPD	N/A	YES	N/A	INCLUDED	YES	2 YEARS
ES4230-HC	2 SPD	1 SPD	1 SPD (8A)	YES	YES	INCLUDED	YES	2 YEARS
ES4330-HC	2 SPD	2 SPD	1 SPD (8A)	YES	YES	INCLUDED	YES	2 YEARS

See system component options chart below for pump and blower options

-F = Full size spaside on ES4100, 4200 & 4220 models only. (Add to the end of "ES" model number)

\*\* Pump 2 or Blower only

### SPASIDE OPTIONS



All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

### EQUIPMENT SYSTEM COMPONENT OPTIONS CHART

Option Code*	Pump	Voltage	Blower	Voltage
-A	1 HP	120	1 HP	120
-B	1 HP	120	N/A	N/A
-C	1.5 HP	120	1 HP	120
-C5	1.5 HP	240	1 HP	120
-D	1.5 HP	120	N/A	N/A
-D5	1.5 HP	240	N/A	N/A
-E	2 HP	240	1 HP	120
-F	2 HP	240	N/A	N/A
-G	3 HP	240	1 HP	120
-H	3 HP	240	N/A	N/A
-J	4 HP	240	1 HP	120
-K	4 HP	240	N/A	N/A

\*Add Option Code to end of ES Model Number

### REPLACEMENT PARTS FOR ES4000 SOLID STATE SERIES

Model	Circuit Board	Spaside	Temp Sensor	Hi-Limit Sensor	Heater Element (5.5kW)	PSI Switch	"L" Heater Assy
ES4100/HC	33-0014A-R8	34-0207	34-0203	34-0201B	12-0100-K	34-0178A	22-67B-S00-1FP3
ES4200/HC	33-0024-R6	34-0208	34-0203D	34-0201D	12-0100-K	34-0178A	22-67B-S00-1FP3
ES4220/HC	33-0024D-R3	34-0208	34-0203D	34-0201D	12-0100-K	34-0178A	22-67B-S00-1FP3
ES4230/HC	33-0024B-R4	34-0197	34-0203D	34-0201D	12-0100-K	34-0178A	22-67B-S00-1FP3
ES4330/HC	33-0024E	34-0197	34-0203D	34-0201D	12-0100-K	34-0178A	22-67B-S00-1FP3

For a complete list of parts, refer to our Parts Catalog

### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:**

18"W x 15"H x 15"D

**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:**

58.7 LBS

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	13A
BLOWER	8A
OZONE	2A
CIRCULATION PUMP	5A
12V LIGHT	1A
HEATER	23A

**PACKAGING / SHIPPING :**

INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**

2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



HEATER SLIDES  
FROM BOTTOM  
TO TOP!

"SLIDE" HEATER FEATURE!

**Gecko™ Series**

### STANDARD FEATURES

- "SLIDE" 1.375/5.5KW, 15" Heater Assembly
- All Circuits Convertible to 120 or 240VAC
- Installation Kit (see below)
- SMART-ECON Economy Mode Settings
- SMART-FREEZE Protection
- "VDS" Visual Diagnostics
- Lighted SMART Cords
- "Paint-Lock" Rust Proof Enclosure
- Heater "ON" Indicator Light
- Detailed Owners Manual & Wiring Diagram
- 2 Year Warranty

### OPTIONS

- Versi-Heat Remote Heater with 60" Cord
- Less Heater Unit
- IR Remote Control Kit
- Auxiliary Spaside

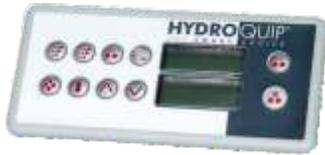
### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Model	Pump 1	Pump 2	Pump 3	Blower	Aux Circuit	Ozone	Circ Pump	12V Light	H/C GFCI	Warranty
<b>CS9709-US</b>	1 or 2 SPD	1 or 2 SPD	1 SPD	1-3 SPD	2	YES	YES	1-3 STEP	NO	2 YEARS
<b>CS9709-US-HC</b>	1 or 2 SPD	1 or 2 SPD	1 SPD	1-3 SPD	2	YES	YES	1-3 STEP	YES	2 YEARS

### SPASIDE OPTIONS



Auxiliary Spaside  
HQ PT#: 34-0210



HTII 10 Button Spaside  
(Included)  
HQ PT#: 34-0190A



IR Remote Kit  
HQ PT#: 48-0196A-6

### INSTALLATION KIT (Included)

#### Kit Includes:

- Spaside Control
- Spaside Adapter Plate
- Component Cords
- 2" Tailpieces w/Gaskets
- 12V Light Assembly



All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

### REPLACEMENT PARTS FOR CS9700 SOLID STATE SERIES

Model	Circuit Board	Spaside	Temp Sensor	Hi-Limit Sensor	Heater Element (5.5kW)	PSI Switch	Heater Assy (15")
<b>CS9709-US/HC</b>	33-0025-R8	34-0190A	34-0203D-36	34-0201D-36	12-0100-K	34-0178A	22-87B-S00-1FP3

For a complete list of parts, refer to our Parts Catalog

### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:**

15"W x 14"H x 6"D

**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:**

23 LBS

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	13A
BLOWER	8A
OZONE	2A
CIRCULATION PUMP	5A
12V LIGHT	1A
HEATER	23A

**PACKAGING / SHIPPING :**

INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**

2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



**Gecko™ Series**

\* Some Assembly Required

### STANDARD FEATURES

- 1.375/5.5KW, 15" Heater Assembly
- 2 Speed Pump (various hp & voltage)
- 1 HP Blower, 120V
- HT-II Spaside Control, 10' Cord
- All Circuits Convertible to 120 or 240VAC
- Installation Kit Included
- Smart-Freeze Protection
- "VDS" Visual Diagnostics
- Lighted Smart Cords
- "Paint-Lock" Rust Proof Enclosure
- Pressure Switch Protected
- Detailed Owners Manual & Wiring Diagram
- 2 Year Warranty

### OPTIONS

- Various Heater Wattages
- IR Remote Control Kit
- Auxiliary Spaside

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Model	Pump 1	Pump 2	Pump 3	Blower	Aux Circuit	Ozone	Circ Pump	12V Light	H/C GFCI	Warranty
<b>ES9700</b>	1 or 2 SPD	1 or 2 SPD	1 SPD	1-3 SPD	2	YES	YES	1-3 STEP	NO	2 YEARS
<b>ES9700-HC</b>	1 or 2 SPD	1 or 2 SPD	1 SPD	1-3 SPD	2	YES	YES	1-3 STEP	YES	2 YEARS

See system component options chart below for pump and blower options

### SPASIDE OPTIONS

### EQUIPMENT SYSTEM COMPONENT OPTIONS CHART



Option Code*	Pump	Voltage	Blower	Voltage
-A	1 HP	120	1 HP	120
-B	1 HP	120	N/A	N/A
-C	1.5 HP	120	1 HP	120
-C5	1.5 HP	240	1 HP	120
-D	1.5 HP	120	N/A	N/A
-D5	1.5 HP	240	N/A	N/A
-E	2 HP	240	1 HP	120
-F	2 HP	240	N/A	N/A
-G	3 HP	240	1 HP	120
-H	3 HP	240	N/A	N/A
-J	4 HP	240	1 HP	120
-K	4 HP	240	N/A	N/A

All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

\*Add Option Code to end of ES Model Number

### REPLACEMENT PARTS FOR ES9700 SOLID STATE SERIES

Model	Circuit Board	Spaside	Temp Sensor	Hi-Limit Sensor	Heater Element(5.5kW)	PSI Switch	Heater Assy (15")
<b>ES9700/HC</b>	33-0025-R8	34-0190A	34-0203D	34-0201D	12-0100-K	34-0178	26-0071

For a complete list of parts, refer to our Parts Catalog

### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:** 21.5"W x 15"H x 15"D

**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:** 60.1 LBS

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	13A
BLOWER	8A
OZONE	2A
CIRCULATION PUMP	5A
12V LIGHT	1A
HEATER	23A

**PACKAGING / SHIPPING :** INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**  
2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR  
HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



**HYDROQUIP**  
THE **SMART CHOICE**™

**CS7000 Economy Series**  
**Solid State "SLIDE" Control Systems**

CEC US

↑  
HEATER SLIDES FROM BOTTOM TO TOP!



**"SLIDE" HEATER FEATURE!**

**Gecko™ Series**

**STANDARD FEATURES**

- "SLIDE" 1.375/5.5KW, 15" Heater Assembly
- All Circuits Convertible to 120 or 240VAC
- Installation Kit (see below)
- Smart-Freeze Protection
- Brushed Aluminum Enclosure
- Heater "ON" Indicator Light
- Detailed Owners Manual & Wiring Diagram
- 2 Year Warranty

**OPTIONS**

- Versi-Heat Remote Heater with 60" Cord
- Less Heater Unit

**SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL**

Model	Pump 1	Pump 2	Blower	Ozone	Circ Pump	12V Light	Warranty
CS7109-US	2 SPD	N/A	N/A	YES	N/A	INCLUDED	2 YEARS
CS7109-US-F	2 SPD	N/A	N/A	YES	N/A	INCLUDED	2 YEARS
CS7509-US	1 or 2 SPD	1 SPD** OR	BLOWER**	YES	YES	INCLUDED	2 YEARS
CS7509-US-F	1 or 2 SPD	1 SPD** OR	BLOWER**	YES	YES	INCLUDED	2 YEARS

-F = Full size spaside

\*\* Pump 2 or Blower only

**SPASIDE OPTIONS**



ECO-5 Spaside  
(Standard for CS7109)  
HQ PT#: 34-0207



ECO-6 Spaside  
(Standard for CS7509)  
HQ PT#: 34-0208



Optional Eco-7 Spaside  
(CS7109)  
HQ PT#: 34-0198



Optional Eco-8 Spaside  
(CS7509)  
HQ PT#: 34-0198A

All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

**INSTALLATION KIT (Included)**

**Kit Includes:**

- Spaside Control (Eco-6 shown)
- Spaside Adapter Plate
- Component Cords
- 2" Tailpieces w/Gaskets
- 12V Light Assembly



**REPLACEMENT PARTS FOR CS7000 SOLID STATE SERIES**

Model	Circuit Board	Spaside	Temp Sensor	Hi-Limit Sensor	Heater Element (5.5kW)	PSI Switch	Heater Assy (15")
CS7109-US	33-0014A-R8	34-0207	34-0203	34-0201B	12-0100-K	34-0178A	22-87B-S00-1FP3
CS7509-US	33-0012-R2	34-0208	34-0203D-36	34-0201D-36	12-0100-K	34-0178A	22-87B-S00-1FP3

For a complete list of parts, refer to our Parts Catalog

**SYSTEM SPECIFICATIONS**

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:**

15"W x 10"H x 5"D

**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:**

15 LBS

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	13A
BLOWER	8A
OZONE	2A
CIRCULATION PUMP	5A
12V LIGHT	1A
HEATER	23A

**PACKAGING / SHIPPING :**

INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**

2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS

CR<sup>®</sup> US



### STANDARD FEATURES

- 120/240V Convertible Power
- 1.375/5.5KW, 15" Heater Assembly
- Amp Receptacles
- Brushed Aluminum Control Box
- Installation Kit (see below)
- Smart-Freeze Protection
- Heater "ON" Indicator Light
- Detailed Owners Manual & Wiring Diagram
- 2 year warranty

**Gecko™ Series**

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Model	Pump 1	Pump 2	Blower	Ozone	Circ Pump	12V Light	Warranty
CS7100-U-WP	2 SPD	N/A	N/A	YES	N/A	YES	2 YEARS
CS7100-U-F-WP	2 SPD	N/A	N/A	YES	N/A	YES	2 YEARS
CS7500-U-WP	1 or 2 SPD	1 SPD** OR	BLOWER**	YES	YES	YES	2 YEARS
CS7500-U-F-WP	1 or 2 SPD	1 SPD** OR	BLOWER**	YES	YES	YES	2 YEARS

-F = Full size spaside

### SPASIDE OPTIONS



**ECO-5 Spaside**  
(Standard for CS7100)  
HQ PT#: 34-0207



**ECO-6 Spaside**  
(Standard for CS7500)  
HQ PT#: 34-0208



**Optional Eco-7 Spaside**  
(CS7100-U-F)  
HQ PT#: 34-0198



**Optional Eco-8 Spaside**  
(CS7500-U-F)  
HQ PT#: 34-0198A

All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

### INSTALLATION KIT (Included)

Kit Includes:

Spaside Control (Eco-6 shown)

Spaside Adapter Plate

Component Cords

2" Tailpieces w/Gaskets

12V Light Assembly



### REPLACEMENT PARTS FOR CS7000 WATER PRO SOLID STATE SERIES

Model	Circuit Board	Spaside	Temp Sensor	Hi-Limit Sensor	Heater Element (5.5kW)	PSI Switch	Heater Assy (15")
CS7100-U-WP	33-0014A-R8	34-0207	34-0203	34-0201	12-0100-K	34-0178	26-0071-7KSS
CS7500-U-WP	33-0012-R2	34-0208	34-0203D-18	34-0201D	12-0100-K	34-0178	26-0071-7KSS

For a complete list of parts, refer to our Parts Catalog

### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:**

15"W x 10"H x 5"D

**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:**

15 LBS

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	13A
BLOWER	8A
OZONE	2A
CIRCULATION PUMP	N/A
12V LIGHT	1A
HEATER	23A

**PACKAGING / SHIPPING:**

INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**

2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



Classic AMP  
Plugs

Gecko™ Series

### STANDARD FEATURES

- 120/240V Convertible Power
- 1.325/5.5KW, 15" Heater Assembly
- Amp Receptacles
- Brushed Aluminum Control Box
- Installation Kit (see below)
- Smart-Freeze Protection
- Heater "ON" Indicator Light
- Detailed Owners Manual & Wiring Diagram
- 2 Year Warranty

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Model	Pump 1	Pump 2	Blower	Ozone	Circ Pump	12V Light	H/C GFCI	Warranty
CS6100-U-WP	2 SPD	N/A	N/A	YES	N/A	INCLUDED	NO	2 YEARS
CS6200-U-WP	2 SPD	1 SPD**	OR BLOWER**	YES	YES	INCLUDED	NO	2 YEARS
CS6220-U-WP	2 SPD	2 SPD	N/A	YES	N/A	INCLUDED	NO	2 YEARS
CS6230-U-WP	2 SPD	1 SPD	1 SPD (8A)	YES	YES	INCLUDED	NO	2 YEARS
CS6330-U-WP	2 SPD	2 SPD	1 SPD (8A)	YES	YES	INCLUDED	NO	2 YEARS
CS6100-U-HC-WP	2 SPD	N/A	N/A	YES	N/A	INCLUDED	YES	2 YEARS
CS6200-U-HC-WP	2 SPD	1 SPD**	OR BLOWER**	YES	YES	INCLUDED	YES	2 YEARS
CS6220-U-HC-WP	2 SPD	2 SPD	N/A	YES	N/A	INCLUDED	YES	2 YEARS
CS6230-U-HC-WP	2 SPD	1 SPD	1 SPD (8A)	YES	YES	INCLUDED	YES	2 YEARS
CS6330-U-HC-WP	2 SPD	2 SPD	1 SPD (8A)	YES	YES	INCLUDED	YES	2 YEARS

-F = Full size spaside on CS6100, 6200 & 6220 models only. (Add to the end of "CS" model number)

\*\* Pump 2 or Blower only

### SPASIDE OPTIONS

### INSTALLATION KIT (Included)



ECO-5 Spaside  
(Standard for CS6100)  
HQ PT#: 34-0207



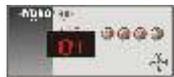
ECO-3 Spaside  
(Standard for CS6230, CS6330)  
HQ PT#: 34-0197



ECO-6 Spaside  
(Standard for CS6200, CS6220)  
HQ PT#: 34-0208



Optional Eco-7 Spaside  
(CS6100-U-F)  
HQ PT#: 34-0198



Optional Eco-8 Spaside  
(CS6200-U-F, CS6220-U-F)  
HQ PT#: 34-0198A

#### Kit Includes:

- Spaside Control (Eco-3 shown)
- Component Cords
- 2" Tailpieces w/Gaskets
- Spaside Adapter Plate
- 12V Light Assembly



All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

### REPLACEMENT PARTS FOR CS6000 WATER PRO SOLID STATE SERIES

Model	Circuit Board	Spaside	Temp Sensor	Hi-Limit Sensor	Heater Element (5.5kW)	PSI Switch	Heater Assy (15")
CS6100-U/HC-WP	33-0014A-R8	34-0207	34-0203	34-0201	12-0100-K	34-0178	26-0071
CS6200-U/HC-WP	33-0024-R6	34-0208	34-0203D-18	34-0201D	12-0100-K	34-0178	26-0071
CS6220-U/HC-WP	33-0024D-R3	34-0208	34-0203D-18	34-0201D	12-0100-K	34-0178	26-0071
CS6230-U/HC-WP	33-0024B-R4	34-0197	34-0203D-18	34-0201D	12-0100-K	34-0178	26-0071
CS6330-U/HC-WP	33-0024E	34-0197	34-0203D-18	34-0201D	12-0100-K	34-0178	26-0071

For a complete list of parts, refer to our Parts Catalog

### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:**

15"W x 11"H x 4"D

**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:**

14 LBS

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	13A
BLOWER	8A
OZONE	2A
CIRCULATION PUMP	N/A
12V LIGHT	1A
HEATER	23A

**PACKAGING / SHIPPING:**

INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**

2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



**Gecko™ Series**

**STANDARD FEATURES**

- Titanium Low Watt Density Heater Element
- 1.0/4.0kW Lo-Flo Heater Assy
- Flow Switch Control
- 3/4" x 1" Barb Adapter
- Installation Kit Included (see below)
- SMART-ECON Economy Mode Settings\*
- SMART-FREEZE Protection
- "VDS" Visual Diagnostics (not on CS7506)
- Lighted SMART Cords
- "Paint-Lock" Rust Proof Enclosure
- Heater "ON" Indicator Light
- 2 Year Warranty

**OPTIONS**

- Full Size Spaside Controls (standard on some models)

\*CS9706 model only

SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL									
Model	Pump 1	Pump 2	Pump 3	Blower	Ozone	Circ Pump	12V Light	H/C GFCI	Warranty
CS6206-U-LFC	2 SPD	1 SPD**	N/A	1 SPD**	YES	YES	YES	NO	2 YEARS
CS6236-U-LFC	2 SPD	1 SPD	N/A	1 SPD	YES	YES	YES	NO	2 YEARS
CS6336-U-LFC	2 SPD	2 SPD	N/A	1 SPD	YES	YES	YES	NO	2 YEARS
CS7506-U-LFC	1 or 2 SPD	1 SPD**	N/A	1 SPD**	YES	YES	YES	NO	2 YEARS
CS9706-U-LFC	1 or 2 SPD	1 or 2 SPD	1 SPD	1-3 SPD	YES	YES	1-3 STEP	NO	2 YEARS

\*\* Pump 2 or Blower only

**SPASIDE OPTIONS**



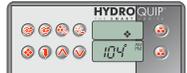
**ECO-6 Spaside**  
(Standard for CS6206, CS7506)  
HQ PT#: 34-0208



**ECO-3 Spaside**  
(Standard for CS6236, CS6336)  
HQ PT#: 34-0197



**Optional Eco-8 Spaside**  
(CS6206, CS7506)  
HQ PT#: 34-0198A



**HTII 10 Button Spaside**  
(CS9706)  
HQ PT#: 34-0190A

All Hydro-Quip control systems include a spaside as standard. If an optional spaside is desired, please contact your Hydro-Quip representative for more details.

**INSTALLATION KIT (Included)**

**Kit Includes:**

- Spaside Control (HTII shown)
- Spaside Adapter Plate
- Component Cords
- Flow Switch Tee Assy
- 3/4" Clear Tubing
- SS Clamps
- 12V Light Assembly



REPLACEMENT PARTS FOR LO-FLO SERIES						
Model	Circuit Board	Spaside	Temp Sensor	Hi-Limit Sensor	Flow Switch Assy	Heater Assy (Lo-Flo)
CS6206-U-LFC/HC	33-0024-R6	34-0208	34-0203D-72	34-0201D-72	48-0223C	22-7P8-000-0PP6
CS6236-U-LFC/HC	33-0024B-R4	34-0197	34-0203D-72	34-0201D-72	48-0223C	22-7P8-000-0PP6
CS6336-U-LFC/HC	33-0024E	34-0197	34-0203D-72	34-0201D-72	48-0223C	22-7P8-000-0PP6
CS7506-U-LFC/HC	33-0012-R2	34-0208	34-0203D-72	34-0201D-72	48-0223C	22-7P8-000-0PP6
CS9706-U-LFC/HC	33-0010-R8	34-0190A	34-0203D-72	34-0201D-72	48-0223C	22-7P8-000-0PP6

For a complete list of parts, refer to our Parts Catalog

<p><b>ELECTRICAL INPUT SPECIFICATION:</b> SINGLE PHASE, 120/240VAC, 60HZ</p> <p><b>ELECTRICAL OUTPUT SPECIFICATION:</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;"><b>CIRCUIT(S)</b></td> <td style="width: 50%;"><b>MAXIMUM AMPS</b></td> </tr> <tr> <td>PUMP(S)</td> <td>13A</td> </tr> <tr> <td>BLOWER</td> <td>8A</td> </tr> <tr> <td>OZONE</td> <td>2A</td> </tr> <tr> <td>CIRCULATION PUMP</td> <td>5A</td> </tr> <tr> <td>12V LIGHT</td> <td>1A</td> </tr> <tr> <td>HEATER</td> <td>23A</td> </tr> </table>	<b>CIRCUIT(S)</b>	<b>MAXIMUM AMPS</b>	PUMP(S)	13A	BLOWER	8A	OZONE	2A	CIRCULATION PUMP	5A	12V LIGHT	1A	HEATER	23A	<p><b>SYSTEM DIMENSIONS:</b> 13"W x 9.25"H x 4.5"D</p> <p><b>DIMENSIONS OF CONTROL BOXES &amp; SHIPPING WEIGHT:</b></p> <table style="width: 100%; border: none;"> <tr> <td>CS7506:</td> <td>8.5"W x 10"H x 4.25"D</td> <td>15.2 LBS</td> </tr> <tr> <td>CS6206, 6236, 6336:</td> <td>12.5"W x 11"H x 4.25"D</td> <td>21.8 LBS</td> </tr> <tr> <td>CS9706:</td> <td>13"W x 14"H x 4"D</td> <td>25.8 LBS</td> </tr> </table> <p><b>PACKAGING / SHIPPING:</b> INDIVIDUAL (HQ STOCK) FOB CORONA, CA 92880</p> <p><b>WARRANTY:</b> 2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS</p>	CS7506:	8.5"W x 10"H x 4.25"D	15.2 LBS	CS6206, 6236, 6336:	12.5"W x 11"H x 4.25"D	21.8 LBS	CS9706:	13"W x 14"H x 4"D	25.8 LBS
<b>CIRCUIT(S)</b>	<b>MAXIMUM AMPS</b>																							
PUMP(S)	13A																							
BLOWER	8A																							
OZONE	2A																							
CIRCULATION PUMP	5A																							
12V LIGHT	1A																							
HEATER	23A																							
CS7506:	8.5"W x 10"H x 4.25"D	15.2 LBS																						
CS6206, 6236, 6336:	12.5"W x 11"H x 4.25"D	21.8 LBS																						
CS9706:	13"W x 14"H x 4"D	25.8 LBS																						

C  US

↑  
HEATER SLIDES  
FROM BOTTOM  
TO TOP!  
↓



**"SLIDE" HEATER FEATURE!**

### STANDARD FEATURES

- "SLIDE" 1.375/5.5kW, 15" Heater Assembly
- 24hr Timer With Mode Switch
- Full Range Thermostat
- Spaside Receptacle
- Installation Kit (see below)
- "VDS" Visual Diagnostics
- Lighted Smart Cords
- "Paint-Lock" Rust Proof Enclosure
- Heater "ON" Indicator Light
- Detailed Owners Manual & Wiring Diagram
- 1 Year Warranty

### OPTIONS

- Versi-Heat Remote Heater with 60" Cord
- Spaside Control

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Model	Pump 1	Pump 2	Blower	Ozone	12V Light	H/C GFCI	Warranty
CS6009-US1	2 SPD	N/A	YES	YES	YES	N/A	1 YEAR
CS6009-US2	2 SPD	1 SPD	YES	YES	YES	N/A	1 YEAR
CS6009-US1-HC	2 SPD	N/A	YES	YES	YES	YES	1 YEAR
CS6009-US2-HC	2 SPD	1 SPD	YES	YES	YES	YES	1 YEAR

### SPASIDE CONTROL OPTIONS



**3 Button Analog  
Spaside Control**  
HQ PT# 34-0039A-S



**4 Button Analog  
Spaside Control**  
HQ PT# 34-0037A-S



**3 Button Digital  
Spaside Control**  
HQ PT# 34-0039D-S



**4 Button Digital  
Spaside Control**  
HQ PT# 34-0037D-S

All Hydro-Quip Air Control systems are spaside control ready.

### INSTALLATION KIT (Included)

Kit Includes:

Component Cords

Air Transmitters

Air Tubing

2" Tailpieces w/Gaskets

12V Light Assembly



### REPLACEMENT PARTS FOR CS6000 AIR SERIES

Model	Thermostat	Timer	Heater Element(5.5kW)	PSI Switch	Heater Assy (15")
CS6009-US1/HC	34-0081	34-0033	12-0100-K	34-0178A	22-87B-S80-1FM3
CS6009-US2/HC	34-0081	34-0033	12-0100-K	34-0178A	22-87B-S80-1FM3

For a complete list of parts, refer to our Parts Catalog

### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:**

15"W x 11"H x 5"D

**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:**

18 LBS

CIRCUIT(S)

MAXIMUM AMPS

PUMP(S)

13A

BLOWER

8A

OZONE

2A

12V LIGHT

1A

HEATER

23A

**PACKAGING / SHIPPING:**

INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**

1 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR  
HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



### STANDARD FEATURES

- 1.375/5.5KW, 15" Heater Assembly
- 2 Speed Pump (various HP & voltages)
- Blower, 1 HP, 120V
- 24hr Timer With Mode Switch
- Full Range Thermostat
- Spaside Receptacle
- Installation Kit Included
- "VDS" Visual Diagnostics
- Lighted Smart Cords
- "Paint-Lock" Rust Proof Enclosure
- Heater "ON" Indicator Light
- Detailed Owners Manual & Wiring Diagram
- 1 Year Warranty

### OPTIONS

- Spaside Control

\* Some Assembly Required

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Model	Pump 1	Pump 2	Blower	Ozone	12V Light	H/C GFCI	Warranty
ES6000-U	2 SPD	N/A	YES	YES	YES	N/A	1 YEAR
ES6000-U2	2 SPD	1 SPD	YES	YES	YES	N/A	1 YEAR
ES6000-U-HC	2 SPD	N/A	YES	YES	YES	YES	1 YEAR
ES6000-U2-HC	2 SPD	1 SPD	YES	YES	YES	YES	1 YEAR

See system component options chart below for pump and blower options

### SPASIDE CONTROL OPTIONS



**3 Button Analog  
Spaside Control**  
HQ PT# 34-0039A-S



**4 Button Analog  
Spaside Control**  
HQ PT# 34-0037A-S



**3 Button Digital  
Spaside Control**  
HQ PT# 34-0039D-S



**4 Button Digital  
Spaside Control**  
HQ PT# 34-0037D-S

All Hydro-Quip Air Control systems are spaside control ready.

### EQUIPMENT SYSTEM COMPONENT OPTIONS CHART

Option Code*	Pump	Voltage	Blower	Voltage
-A	1 HP	120	1 HP	120
-B	1 HP	120	N/A	N/A
-C	1.5 HP	120	1 HP	120
-C5	1.5 HP	240	1 HP	120
-D	1.5 HP	120	N/A	N/A
-D5	1.5 HP	240	N/A	N/A
-E	2 HP	240	1 HP	120
-F	2 HP	240	N/A	N/A
-G	3 HP	240	1 HP	120
-H	3 HP	240	N/A	N/A
-J	4 HP	240	1 HP	120
-K	4 HP	240	N/A	N/A

\*Add Option Code to end of ES Model Number

### REPLACEMENT PARTS FOR ES6000 AIR SERIES

Model	Thermostat	Timer	Hi Limit	Heater Element (5.5kW)	PSI Switch	Heater Assy (15")
ES6000-U/HC	34-0081	34-0033	34-0012	12-0100-K	34-0178	26-0071
ES6000-U2/HC	34-0081	34-0033	34-0012	12-0100-K	34-0178	26-0071

For a complete list of parts, refer to our Parts Catalog

### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:** 21.5"W x 12"H x 15"D

**ELECTRICAL OUTPUT SPECIFICATION:**

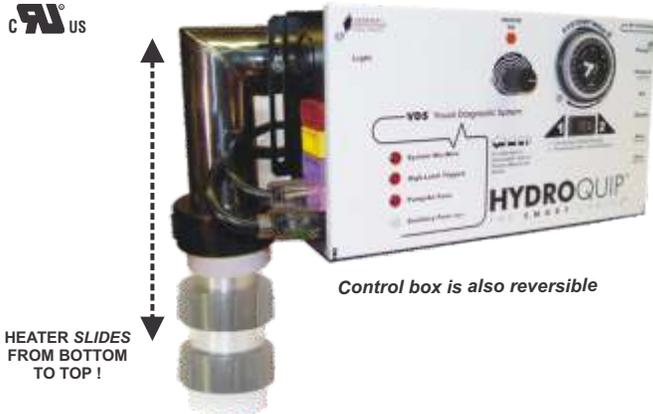
**SHIPPING WEIGHT:** 58.7 LBS

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	13A
BLOWER	8A
OZONE	2A
12V LIGHT	1A
HEATER	23A

**PACKAGING / SHIPPING:** INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**

1 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



**"SLIDE" HEATER FEATURE!**

### STANDARD FEATURES

- "SLIDE" 1.375/5.5KW "L" Heater Assembly
- 24hr Timer With Mode Switch
- Full Range Thermostat
- Spaside Receptacle
- Installation Kit (see below)
- "VDS" Visual Diagnostics
- Lighted Smart Cords
- "Paint-Lock" Rust Proof Enclosure
- Heater "ON" Indicator Light
- Detailed Owners Manual & Wiring Diagram
- 1 Year Warranty

### OPTIONS

- Versi-Heat Remote Heater with 60" Cord
- Spaside Control

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Model	Pump 1	Pump 2	Blower	Ozone	12V Light	H/C GFCI	Warranty
CS4009-US1	2 SPD	N/A	YES	YES	YES	N/A	1 YEAR
CS4009-US2	2 SPD	1 SPD	YES	YES	YES	N/A	1 YEAR
CS4009-US1-HC	2 SPD	N/A	YES	YES	YES	YES	1 YEAR
CS4009-US2-HC	2 SPD	1 SPD	YES	YES	YES	YES	1 YEAR

### SPASIDE CONTROL OPTIONS



**3 Button Analog Spaside Control**  
HQ PT# 34-0039A-S



**3 Button Digital Spaside Control**  
HQ PT# 34-0039D-S



**4 Button Analog Spaside Control**  
HQ PT# 34-0037A-S



**4 Button Digital Spaside Control**  
HQ PT# 34-0037D-S

All Hydro-Quip Air Control systems are spaside control ready.

### INSTALLATION KIT (Included)

Kit Includes:

Component Cords

Air Transmitters

Air Tubing

2" Tailpieces w/Gaskets

12V Light Assembly



### REPLACEMENT PARTS FOR CS4000 AIR SERIES

Model	Thermostat	Timer	Heater Element (5.5kW)	PSI Switch	"L" Heater Assy
CS4009-US1/HC	34-0081	34-0033	12-0100-K	34-0178A	22-67B-S80-1FM3
CS4009-US2/HC	34-0081	34-0033	12-0100-K	34-0178A	22-67B-S80-1FM3

For a complete list of parts, refer to our [Parts Catalog](#)

### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:**

17"W x 9.5"H x 7.5"D

**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:**

18 LBS

CIRCUIT(S)

MAXIMUM AMPS

PUMP(S)

13A

BLOWER

8A

OZONE

2A

12V LIGHT

1A

HEATER

23A

**PACKAGING / SHIPPING:**

INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**

1 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



- STANDARD FEATURES**
- 1.375/5.5KW, "L" Heater Assembly
  - 2 Speed Pump (various HP & voltages)
  - Blower, 1 HP, 120V
  - 24hr Timer With Mode Switch
  - Full Range Thermostat
  - Spaside Receptacle
  - Installation Kit Included
  - "VDS" Visual Diagnostics
  - Lighted Smart Cords
  - "Paint-Lock" Rust Proof Enclosure
  - Heater "ON" Indicator Light
  - Detailed Owners Manual & Wiring Diagram
  - 1 Year Warranty

- OPTIONS**
- Spaside Control

\* Some Assembly Required

SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL							
Model	Pump 1	Pump 2	Blower	Ozone	12V Light	H/C GFCI	Warranty
ES4000-U	2 SPD	N/A	YES	YES	YES	N/A	1 YEAR
ES4000-U2	2 SPD	1 SPD	YES	YES	YES	N/A	1 YEAR
ES4000-U-HC	2 SPD	N/A	YES	YES	YES	YES	1 YEAR
ES4000-U2-HC	2 SPD	1 SPD	YES	YES	YES	YES	1 YEAR

See system component options chart below for pump and blower options

### SPASIDE CONTROL OPTIONS



**3 Button Analog Spaside Control**  
HQ PT# 34-0039A-S



**3 Button Digital Spaside Control**  
HQ PT# 34-0039D-S



**4 Button Analog Spaside Control**  
HQ PT# 34-0037A-S



**4 Button Digital Spaside Control**  
HQ PT# 34-0037D-S

*All Hydro-Quip Air Control systems are spaside control ready.*

### EQUIPMENT SYSTEM COMPONENT OPTIONS CHART

Option Code*	Pump	Voltage	Blower	Voltage
-A	1 HP	120	1 HP	120
-B	1 HP	120	N/A	N/A
-C	1.5 HP	120	1 HP	120
-C5	1.5 HP	240	1 HP	120
-D	1.5 HP	120	N/A	N/A
-D5	1.5 HP	240	N/A	N/A
-E	2 HP	240	1 HP	120
-F	2 HP	240	N/A	N/A
-G	3 HP	240	1 HP	120
-H	3 HP	240	N/A	N/A
-J	4 HP	240	1 HP	120
-K	4 HP	240	N/A	N/A

\*Add Option Code to end of ES Model Number

REPLACEMENT PARTS FOR ES4000 AIR SERIES					
Model	Thermostat	Timer	Heater Element (5.5kW)	PSI Switch	"L" Heater Assy
ES4000-U/HC	34-0081	34-0033	12-0100-K	34-0178A	22-67B-S80-1FM3
ES4000-U2/HC	34-0081	34-0033	12-0100-K	34-0178A	22-67B-S80-1FM3

For a complete list of parts, refer to our Parts Catalog

SYSTEM SPECIFICATIONS	
<b>ELECTRICAL INPUT SPECIFICATION:</b> SINGLE PHASE, 120/240VAC, 60HZ	<b>SYSTEM DIMENSIONS:</b> 18"W x 15"H x 15"D
<b>ELECTRICAL OUTPUT SPECIFICATION:</b>	<b>SHIPPING WEIGHT:</b> 58.7 LBS
CIRCUIT(S)	<b>PACKAGING / SHIPPING:</b> INDIVIDUAL (HQ STOCK) FOB CORONA, CA 92880
PUMP(S)	<b>WARRANTY:</b> 1 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS
BLOWER	
OZONE	
12V LIGHT	
HEATER	
MAXIMUM AMPS	
13A	
8A	
2A	
1A	
23A	



CS7000T-U Shown

### STANDARD FEATURES

- 120/240V Universal Models
- 1.0/4.0kW 13" Heater Assembly
- 24hr Timer with Mode Switch ("T" units)
- Full Range Thermostat
- Lightweight Aluminum Box
- Spaside Receptacle
- Installation Kit Included
- Standard Smart Cords
- Heater "ON" Indicator Light
- Detailed Owners Manual & Wiring Diagram
- 1 Year Warranty

### OPTIONS

- 120V/12V Light Kit w/Air Switch & Wall Fitting Option (see below)
- Spaside Control

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Model	Pump 1	Heater	Blower	Ozone	Voltage	15A GFCI	Warranty
CS7000-A-15A	2 SPD	1.0kW	YES	YES	120	YES	1 YEAR
CS7000T-A-15A	2 SPD	1.0kW	YES	YES	120	YES	1 YEAR
CS7000-A	2 SPD	1.0kW	YES	YES	120	NO	1 YEAR
CS7000T-A	2 SPD	1.0kW	YES	YES	120	NO	1 YEAR
CS7000-U	2 SPD	1.0/4.0kW	YES	YES	120/240	NO	1 YEAR
CS7000T-U	2 SPD	1.0/4.0kW	YES	YES	120/240	NO	1 YEAR

A = 120V only T = with Timer U = Universal

### SPASIDE CONTROL OPTIONS



3 Button Analog  
Spaside Control  
HQ PT# 34-0039A-S



3 Button Digital  
Spaside Control  
HQ PT# 34-0039D-S

### LIGHT KIT OPTIONS



Light Kit Assembly Options  
PT# 37-0029-SM  
With Wall Fitting Kit



PT# 37-0031-SM  
Less Wall Fitting Kit

### INSTALLATION KIT (Included)

#### Kit Includes:

Component Cords

Air Transmitters

Air Tubing

2" Tailpieces w/Gaskets



### REPLACEMENT PARTS FOR CS7000 AIR SERIES

Model	Thermostat	Timer	Hi-Limt	Heater Element (4.0kW)	PSI Switch	Heater Assy (13")
CS7000-A-15A	34-0030	N/A	34-0012	12-0102-K	34-0019-C	26-0070B-2
CS7000T-A-15A	34-0030	34-0033	34-0012	12-0102-K	34-0019-C	26-0070B-2
CS7000-A	34-0030	N/A	34-0012	12-0102-K	34-0019-C	26-0070B-2
CS7000T-A	34-0030	34-0033	34-0012	12-0102-K	34-0019-C	26-0070B-2
CS7000-U	34-0030	N/A	34-0012	12-0102-K	34-0019-C	26-0070B-2
CS7000T-U	34-0030	34-0033	34-0012	12-0102-K	34-0019-C	26-0070B-2

For a complete list of parts, refer to our Parts Catalog

### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:**

13"W x 9.25"H x 4.5"D

**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:**

13 LBS

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	13A
BLOWER	8A
OZONE	2A
12V LIGHT	1A
HEATER	23A

**PACKAGING / SHIPPING OPTIONS:** INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**

1 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR  
HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



### STANDARD FEATURES

- 1.125/4.5KW Heater in ABS Housing
- 24hr Timer with Mode Switch ("T" Models)
- Full Range Thermostat
- Installation Kit Included
- Lighted Smart Cords
- Heater "ON" Indicator Light
- Detailed Owners Manual & Wiring Diagram
- 1 Year Warranty

### OPTIONS

- 120V/12V Light Kit w/Air Switch & Wall Fitting Option (see below)

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Model	Pump 1(2SPD)	Voltage	15A GFCI	Blower	Ozone	Timer	Warranty
CS500-A	120V	120V	YES	YES	YES	NO	1 YEAR
CS500T-A	120V	120V	N/A	YES	YES	YES	1 YEAR
CS500-C	240V	120V	YES	YES	YES	NO	1 YEAR
CS500T-C	240V	240V	N/A	YES	YES	YES	1 YEAR
CS500T-C9	240V	240V	N/A	YES	YES	YES	1 YEAR

A = 120V only T = with Timer

### LIGHT KIT OPTIONS



Light Kit Assembly Options

PT# 37-0029-SM  
With Wall Fitting Kit

PT# 37-0031-SM  
Less Wall Fitting Kit



Wall Fitting Kit

### INSTALLATION KIT (Included)

Kit Includes:

Component Cords

Air Transmitters

Air Tubing

1½" Tailpieces w/Gaskets



### REPLACEMENT PARTS FOR CS500 AIR SERIES

Model	Thermostat	Timer	Hi Limit	Heater Element (4.5kW)	PSI Switch	Heater Housing Assy
CS500-A	34-0030	N/A	34-0058	12-0010	34-0178	48-0014
CS500T-A	34-0030	34-0033	34-0058	12-0010	34-0178	48-0014
CS500-C	34-0030	N/A	34-0058	12-0010	34-0178	48-0014
CS500T-C	34-0030	34-0033	34-0058	12-0010	34-0178	48-0014
CS500T-C9	34-0030	34-0033	34-0058	12-0010	34-0178	48-0014

For a complete list of parts, refer to our Parts Catalog

### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:**

14"W x 6"H x 6"D

**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:**

16 LBS

CIRCUIT(S)

MAXIMUM AMPS

PUMP(S)

13A

BLOWER

8A

OZONE

2A

12V LIGHT

1A

HEATER

23A

**PACKAGING / SHIPPING:**

INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**

1 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR  
HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



### STANDARD FEATURES

- M7™ Technology Equipped
- 5.5/11KW, 19.25" Heater Assembly
- 2 Speed Pump (various HP & Voltage)
- 60" P2 Cord Terminated 14/3
- Outdoor Weather-tight Construction
- Spaside With 50' Extension
- Installation Kit
- Smart-Freeze Protection
- "Paint-Lock" Rust Proof Enclosure
- Detailed Owners Manual & Wiring Diagram
- 2 Year Warranty

### OPTIONS

- In-House Control Panel
- RF Remote Control
- Auxiliary Spaside (HQ PT#34-0224)

\* Some Assembly Required

Self Priming System

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Model	Pump1 2SPD Included	Pump2	Pump3	Blower Included	Ozone	Heater	Light	Warranty
ES8750-A	1.5 HP	1 or 2 SPD	1 SPD	1.5 HP	YES	11kW	12/120V	2 YEARS
ES8750-B	2 HP	1 or 2 SPD	1 SPD	1.5 HP	YES	11kW	12/120V	2 YEARS
ES8750-C	2.5 HP	1 or 2 SPD	1 SPD	1.5 HP	YES	11kW	12/120V	2 YEARS
ES8750-D	1.5 HP	1 or 2 SPD	1 SPD	1.5 HP	YES	5.5kW	12/120V	2 YEARS
ES8750-E	2 HP	1 or 2 SPD	1 SPD	1.5 HP	YES	5.5kW	12/120V	2 YEARS
ES8750-F	2.5 HP	1 or 2 SPD	1 SPD	1.5 HP	YES	5.5kW	12/120V	2 YEARS
ES8750-G	1.5 HP	1 or 2 SPD	1 SPD	1.5 HP	YES	N/A	12/120V	2 YEARS
ES8750-H	2 HP	1 or 2 SPD	1 SPD	1.5 HP	YES	N/A	12/120V	2 YEARS
ES8750-J	2.5 HP	1 or 2 SPD	1 SPD	1.5 HP	YES	N/A	12/120V	2 YEARS

### SPASIDE OPTIONS



**Spaside Control**  
(Included)  
HQ PT#: 34-0213



**Single Button Auxiliary**  
HQ PT#: 34-0224  
(for Pump 3 Option)



**In House Control Panel**  
HQ PT#: 48-0197D  
Includes Receiver



**Auxiliary Spaside**  
HQ PT#: 34-0214-U



**Extension Cords**  
HQ PT# (50" Cord): 30-1014-50  
HQ PT# (100" Cord): 30-1014-100



**Wireless RF Remote Kit**  
HQ PT#: 48-0197A  
Includes Receiver

### INSTALLATION KIT (Included)



**Kit Includes:**  
**Spaside Control w/ 7' Cord & 50' extension**  
**60" Pump 2, cords**  
**Fittings w/Gaskets**

### REPLACEMENT PARTS FOR ES8750 SOLID STATE SERIES

Model	Circuit Board	Spaside	Heater Element	Heater Assy (19.25")
ES8750-A	33-0029A	34-0213	12-0100D-K (x2)	26-0054A-M7
ES8750-C	33-0029A	34-0213	12-0100D-K (x2)	26-0054A-M7
ES8750-D	33-0029A	34-0213	12-0100-K	26-0053-M7
ES8750-F	33-0029A	34-0213	12-0100-K	26-0053-M7
ES8750-G	33-0029A	34-0213	N/A	N/A
ES8750-J	33-0029A	34-0213	N/A	N/A

For a complete list of parts, refer to our Parts Catalog

### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 240VAC, 60HZ

**SYSTEM DIMENSIONS:**

36"W x 26"H x 18"D

**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:**

101 LBS (2 Boxes)

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	13A
BLOWER	8A
OZONE	2A
CIRCULATION PUMP	5A
12V LIGHT	1A
HEATER	23A/46A

**PACKAGING / SHIPPING:**

INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**

2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



### STANDARD FEATURES

- M7™ Technology Equipped
- 5.5/11KW, 19.25" Heater Assembly
- 2 Speed Pump (various HP & Voltage)
- 60" P2 Cord Terminated 14/3
- Outdoor Weather-tight Construction
- Spaside With 50' Extension
- Installation Kit
- Smart-Freeze Protection
- "Paint-Lock" Rust Proof Enclosure
- Detailed Owners Manual & Wiring Diagram
- 2 Year Warranty

### OPTIONS

- In-House Control Panel
- RF Remote Control
- Auxiliary Spaside (HQ PT#34-0224)

\* Some Assembly Required

Not A Self Priming System

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Model	Pump 1 2SPD Included	Pump 2	Pump 3	Blower Included	Ozone	Heater	Light	Warranty
ES8748-A	1.5 HP	1 or 2 SPD	1 SPD	1.5 HP	YES	11kW	12/120V	2 YEARS
ES8748-B	2 HP	1 or 2 SPD	1 SPD	1.5 HP	YES	11kW	12/120V	2 YEARS
ES8748-C	3 HP	1 or 2 SPD	1 SPD	1.5 HP	YES	11kW	12/120V	2 YEARS
ES8748-D	1.5 HP	1 or 2 SPD	1 SPD	1.5 HP	YES	5.5kW	12/120V	2 YEARS
ES8748-E	2 HP	1 or 2 SPD	1 SPD	1.5 HP	YES	5.5kW	12/120V	2 YEARS
ES8748-G	1.5 HP	1 or 2 SPD	1 SPD	1.5 HP	YES	N/A	12/120V	2 YEARS
ES8748-H	2 HP	1 or 2 SPD	1 SPD	1.5 HP	YES	N/A	12/120V	2 YEARS
ES8748-J	3 HP	1 or 2 SPD	1 SPD	1.5 HP	YES	N/A	12/120V	2 YEARS

### SPASIDE OPTIONS

### INSTALLATION KIT (Included)



**In House Control Panel**  
HQ PT#: 48-0197D  
Includes Receiver



**Auxiliary Spaside**  
HQ PT#: 34-0214-U



**Spaside Control**  
(Included)  
HQ PT#: 34-0213



**Single Button Auxiliary**  
HQ PT#: 34-0224  
(for Pump 3 Option)



**Extension Cords**  
HQ PT# (50" Cord): 30-1014-50  
HQ PT# (100" Cord): 30-1014-100



**Wireless RF Remote Kit**  
HQ PT#: 48-0197A  
Includes Receiver



**Kit Includes:**  
Spaside Control w/ 7' Cord & 50' extension  
60" Pump 2, cords  
Fittings w/Gaskets

### REPLACEMENT PARTS FOR ES8748 SOLID STATE SERIES

Model	Circuit Board	Spaside	Heater Element	Heater Assy (19.25")
ES8748-A	33-0029A	34-0213	12-0100D-K (x2)	26-0054A-M7
ES8748-C	33-0029A	34-0213	12-0100D-K (x2)	26-0054A-M7
ES8748-D	33-0029A	34-0213	12-0100-K	26-0053-M7
ES8748-F	33-0029A	34-0213	12-0100-K	26-0053-M7
ES8748-G	33-0029A	34-0213	N/A	N/A
ES8748-J	33-0029A	34-0213	N/A	N/A

For a complete list of parts, refer to our Parts Catalog

### SYSTEM SPECIFICATIONS

<b>ELECTRICAL INPUT SPECIFICATION:</b>	SINGLE PHASE, 240VAC, 60HZ	<b>SYSTEM DIMENSIONS:</b>	36"W x 26"H x 18"D
<b>ELECTRICAL OUTPUT SPECIFICATION:</b>		<b>SHIPPING WEIGHT:</b>	80 LBS (2 Boxes)
<b>CIRCUIT(S)</b>	<b>MAXIMUM AMPS</b>	<b>PACKAGING / SHIPPING:</b>	INDIVIDUAL (HQ STOCK) FOB CORONA, CA 92880
PUMP(S)	13A	<b>WARRANTY:</b>	2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS
BLOWER	8A		
OZONE	2A		
CIRCULATION PUMP	5A		
12V LIGHT	1A		
HEATER	23A/46A		



### STANDARD FEATURES

- M7™ Technology Equipped
- 5.5/11KW, 19.25" Heater Assembly
- Outdoor Weather-Tight Construction
- Wall Mount Brackets
- Spaside With 50' Extension
- Installation Kit Included
- Smart-Freeze Protection
- "Paint-Lock" Rust Proof Enclosure
- Detailed Owners Manual & Wiring Diagram
- 2 Year Warranty

### OPTIONS

- In-House Control Panel
- RF Remote Control Kit
- Auxiliary Spaside (HQ PT#34-0224)

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Model	Pump1	Pump2	Pump3	Blower	Ozone	Heater	Light	Warranty
CS8700-A	1 or 2 SPD	1 or 2 SPD	1 SPD	YES	YES	11kW	12/120V	2 YEARS
CS8700-B	1 or 2 SPD	1 or 2 SPD	1 SPD	YES	YES	5.5kW	12/120V	2 YEARS
CS8700-C	1 or 2 SPD	1 or 2 SPD	1 SPD	YES	YES	N/A	12/120V	2 YEARS

### SPASIDE OPTIONS



**In House Control Panel**  
HQ PT#: 48-0197D  
Includes Receiver



**Spaside Control**  
(Included)  
HQ PT#: 34-0213



**Single Button Auxiliary**  
HQ PT#: 34-0224  
(for Pump 3 Option)



**Auxiliary Spaside**  
HQ PT#: 34-0214-U



**Extension Cords**  
HQ PT# (50" Cord): 30-1014-50  
HQ PT# (100" Cord): 30-1014-100



**Wireless RF Remote Kit**  
HQ PT#: 48-0197A  
Includes Receiver

### INSTALLATION KIT (Included)



**Kit Includes:**  
Spaside Control w/ 7' Cord & 50' extension  
Fittings w/Gaskets

### REPLACEMENT PARTS FOR CS8700 SOLID STATE SERIES

Model	Circuit Board	Spaside	Heater Element	Heater Assy (19.25")
CS8700-A	33-0029A	34-0213	12-0100D-K (x2)	26-0054A-M7
CS8700-B	33-0029A	34-0213	12-0100-K	26-0053-M7
CS8700-C	33-0029A	34-0213	N/A	N/A

For a complete list of parts, refer to our Parts Catalog

### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 240VAC, 60HZ

**SYSTEM DIMENSIONS:** 12"W x 19.5"H x 12"D

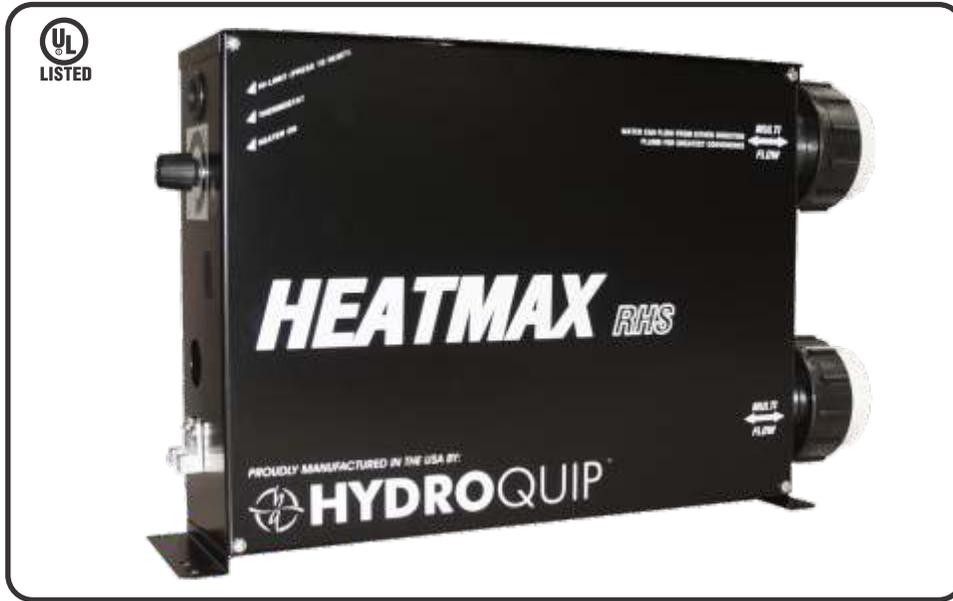
**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:** 32.5 LBS

CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	13A
BLOWER	8A
OZONE	2A
CIRCULATION PUMP	5A
12V LIGHT	1A
HEATER	23A/46A

**PACKAGING / SHIPPING:** INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**  
2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR  
HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



The Hydro-Quip HEATMAX series heater is our basic “heater in a box” unit. When all you need is heat, this is the most practical and user friendly unit in the industry. 5.5kW OR 11kW for new and existing applications where a full 2” high flow free standing heater is needed.

**STANDARD FEATURES**

- 5.5 or 11KW, “U” Heater Assembly
- 2.25” High Flow U-Shaped Heater Design
- Stainless Steel Heater Housing
- Full Range Thermostat
- High Limit and Pressure Switch Protected
- 2” or 1½” Plumbing Connections
- Weather-Tight Construction
- Heater “ON” Indicator Light
- “Paint-Lock” rust proof enclosure
- Detailed Owners Manual & Wiring Diagram
- 2 Year Warranty

**OPTIONS**

Various Heater Wattages

**AVAILABLE MODELS**

Model	Voltage	Wattage	Warranty
HEATMAX RHS 5.5	240	5.5kW	2 YEARS
HEATMAX RHS 11	240	11kW	2 YEARS

**REPLACEMENT PARTS FOR HEATMAX SERIES**

Model	Thermostat	Hi-Limit	Heater Element	PSI Switch	“U” Heater Assy
HEATMAX 5.5	34-0030	34-0012	12-0100-K	34-0178	26-0082
HEATMAX 11	34-0030	34-0012	12-0100-K (X2)	34-0178	26-0082A

**SYSTEM SPECIFICATIONS**

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 240VAC, 50/60HZ

**PACKAGING / SHIPPING:**

INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**SYSTEM DIMENSIONS:** 15”W x 12”H x 4”D

**WARRANTY:**

2 YEARS LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS

**SHIPPING WEIGHT:** 19 LBS



Hydro-Quip introduces our *SILENT AIRE* blower series. This innovative, compact and sleek design make this the most practical blower on the market today. With its quiet operation and universal cord configurations\*, the *SILENT AIRE* blower was engineered to perform above all the rest!

### STANDARD FEATURES

- New Innovative Design
- Quiet Operation
- Compact and Lightweight
- Thermally Protected Motor
- Available In Various Voltages and HP's
- 42" Amp Adapter Cord
- 6" Universal Cord/Plug
- 1 Year Warranty

### OPTIONS

- Various Cord Configurations
- Built in Air Switch
- Built in Heater
- Export models

### AVAILABLE MODELS

Model	Volts	HP	Speed	Amps	Warranty
AS-610U	120	1.0	1	4.4	1 YEAR
AS-620U	240	1.0	1	2.4	1 YEAR
AS-810U	120	1.5	1	5.8	1 YEAR
AS-820U	240	1.5	1	3.1	1 YEAR

### CORD OPTIONS



### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**SYSTEM DIMENSIONS:** 8"W x 5"H x 9.25"L

**SHIPPING WEIGHT:** 4 LBS

**PACKAGING / SHIPPING OPTIONS:**

INDIVIDUAL (HQ STOCK)  
BULK PACK 12 INDIVIDUALLY BOXED OR LOOSE IN MASTER CARTON  
FOB CORONA, CA 92880

**WARRANTY:**

1 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS



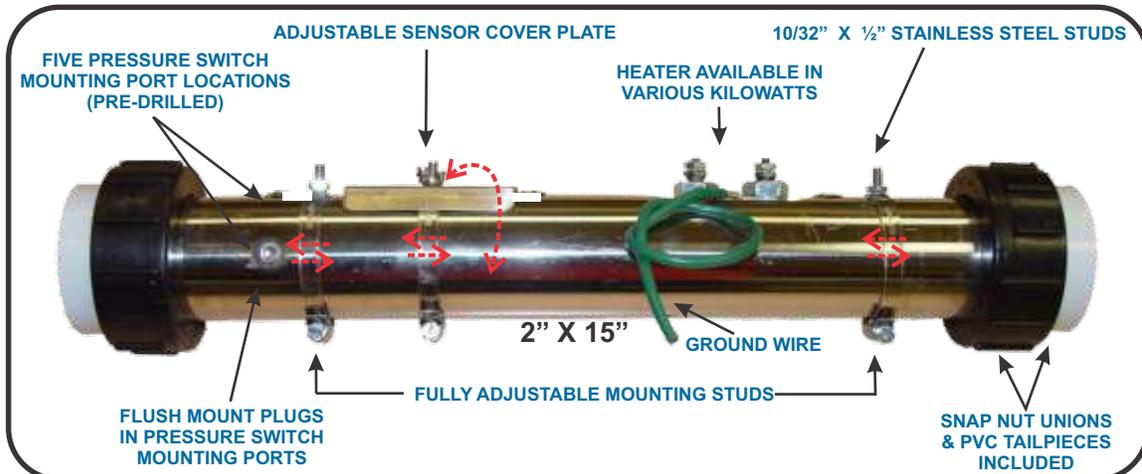
Hydro-Quip introduces our new universal *RITE FIT* heater assembly. This innovative design allows you to use the *RITE FIT* heater to replace many on the market today. Save on inventory and save space, no need to carry so many different models when you only need one, the *RITE FIT* universal heater!

**STANDARD FEATURES**

- Universal 15" Length (others available)
- 4.0, 4.5, & 5.5kW Elements Available
- Adjustable Mounting and Grounding Studs
- Adjustable Sensor Cover Plate
- Multiple Pressure Switch Ports
- Flush Mount Pressure Switch Port Plugs
- 2" Tailpieces and Gaskets
- 12" Ground Wire
- Individually Boxed

**AVAILABLE MODELS**

Model	kW	Size	Length	Warranty
48-1540-RP	4.0	2"	15"	1 YEAR
48-1545-RP	4.5	2"	15"	1 YEAR
48-1555-RP	5.5	2"	15"	1 YEAR



**SYSTEM SPECIFICATIONS**

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120/240VAC, 60HZ

**PACKAGING / SHIPPING:**

INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**SYSTEM DIMENSIONS:** 15"W x 2.25"H

**WARRANTY:**

1 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS

**SHIPPING WEIGHT:** 4 LBS

# Pure Heat Series 7" Tee Style Bath Heater

Underwriters Laboratories Inc. © CE C US



### STANDARD FEATURES

- Low Profile Design
- Versatile Compact Size
- Automatic Smart Thermostat
- Intelligent High-Limit
- Pressure Switch Activated
- Heater "On" Indicator Light
- Stainless Steel Heater Housing
- Detailed Owners Manual & Installation Guide
- Installation Kit Included (see below)
- 2 Year Warranty

### OPTIONS

- 240 Volt, Export & Domestic

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

MODEL	PSI**	Volts	Wattage	Size	Fittings (Included)	Warranty
PH100-10UP	YES	120	1000	1.5"	1.5" & 1" SOC, 1" SPIG	2 YEARS
PH100-15UP	YES	120	1500	1.5"	1.5" & 1" SOC, 1" SPIG	2 YEARS
PH202-20UP	YES	240	2000	1.5"	1.5" & 1" SOC, 1" SPIG	2 YEARS

\*\*PSI = Pressure Switched

### INSTALLATION KIT



1.5" x 1.5" SOC  
PT# 42-0015 (X2)



1.5" x 1" SPIG  
PT# 42-0031-A (X2)



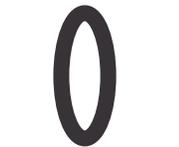
3' Copper Wire  
PT# 32-0019-S



1.5" x 1" SOC  
PT# 42-0031 (X2)

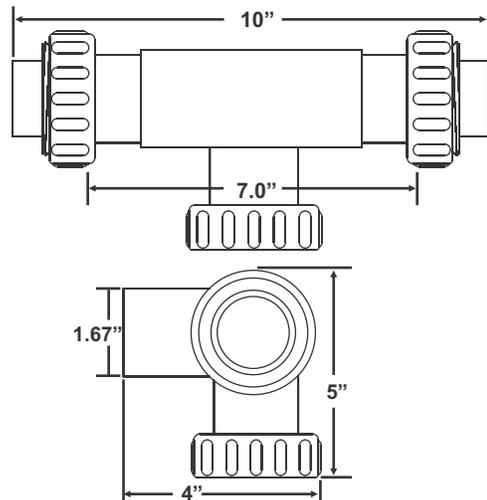


1.5" Ridged Gasket  
PT# 60-0017 (X2)



1.5" Flat Gasket  
PT# 61-0011 (1)

### DIMENSIONS



### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120VAC, 50/60HZ

**HEATER DIMENSIONS:**

7"W x 5"H x 4"D

**ELECTRICAL OUTPUT SPECIFICATION:**

**SHIPPING WEIGHT:**

1.75 LBS

VOLTS	WATTAGE	MAXIMUM AMPS
120	1000	8.3A
120	1500	12.5A
240	2000	8.3A

**PACKAGING / SHIPPING:**

INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:**

2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS

Underwriters Laboratories Inc. CE CUL US



### STANDARD FEATURES

- Versatile Compact Size
- Automatic Smart Thermostat
- Intelligent High-Limit
- Pressure & Vacuum Switch Activated
- Heater "On" Indicator Light
- Stainless Steel Heater Housing
- Detailed Owners Manual & Installation Guide
- Installation Kit Included (see below)
- 2 Year Warranty

### OPTIONS

- 240 Volt, Export & Domestic

### SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

MODEL	PSI/VAC**	Volts	Wattage	Size	Fittings (Included)	Warranty
PH101-65UP	PSI	120	650	1.5"	1.5" & 1" SOC, 1" SPIG	2 YEARS
PH101-10UP	PSI	120	1000	1.5"	1.5" & 1" SOC, 1" SPIG	2 YEARS
PH101-15UP	PSI	120	1500	1.5"	1.5" & 1" SOC, 1" SPIG	2 YEARS
PH203-20UP	PSI	240	2000	1.5"	1.5" & 1" SOC, 1" SPIG	2 YEARS
PH301-15UP	PSI	120	1500	2"	2" SOC & 2" SPIG	2 YEARS
PH101-10UV	VAC	120	1000	1.5"	1.5" & 1" SOC	2 YEARS
PH101-15UV	VAC	120	1500	1.5"	1.5" & 1" SOC	2 YEARS
PH301-15UV	VAC	120	1500	2"	2" SOC & 2" SPIG	2 YEARS

\*\*PSI = Pressure Switched VAC = Vacuum Switched

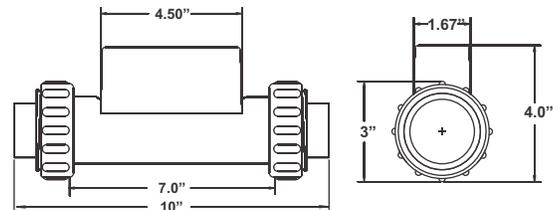
### INSTALLATION KIT



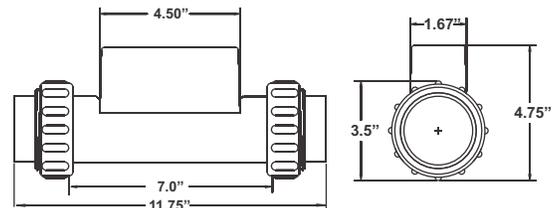
\*Not included with "PH101" vacuum switched heaters

### DIMENSIONS

#### PH101 MODELS



#### PH301 MODELS



### SYSTEM SPECIFICATIONS

**ELECTRICAL INPUT SPECIFICATION:** SINGLE PHASE, 120VAC, 50/60HZ

**ELECTRICAL OUTPUT SPECIFICATION:**

VOLTS	WATTAGE	MAXIMUM AMPS
120	650	5.3A
120	1000	8.3A
120	1500	12.5A
240	2000	8.3A

**HEATER DIMENSIONS:** PH101 7"W x 4"H x 3"D  
PH301 7"W x 4.75"H x 3.5"D

**SHIPPING WEIGHT:** 1.5 LBS

**PACKAGING / SHIPPING:** INDIVIDUAL (HQ STOCK)  
FOB CORONA, CA 92880

**WARRANTY:** 2 YEAR LIMITED WARRANTY STANDARD - CONTACT YOUR HYDRO-QUIP REPRESENTATIVE FOR MORE DETAILS

## Amperage & Ohms Measurements

Kilowatts	Watts	Voltage	Amps	Ohms
11 (dual)	11000	240	45.8	5.24
11 (single)	11000	240	43.6	5.5
8	8000	240	33.3	7.21
5.5	5500	240	22.9	10.4
4.5	4500	240	18.75	12.8
4	4000	240	16.7	14.4
3	3000	240	12.5	19.2
2.5	2500	240	10.4	23.04
2	2000	240	8.3	28.8
1.5	1500	120	12.5	9.6
1	1000	120	8.3	14.4
0.65	650	120	5.4	22.15

## Unit Weights and Unit Conversions

1 cubic foot of water weighs 62.4 pounds  
 1 cubic foot of water equals 7.5 gallons  
 1 gallon of water weighs 8.35 pounds

Multiply	By	To Get
Gallons of Water	8.35	Pounds of Water
Pounds of Water	27.65	Cubic Inches
Gallons	231	Cubic Inches
Watts	0.001341	Horse Power
Amps	Volts	Watts

## Fahrenheit and Celsius Conversions

### To convert Fahrenheit temperature into Celsius:

- Begin by subtracting 32 from the Fahrenheit number
- Divide the answer by 9
- Then multiply that answer by 5

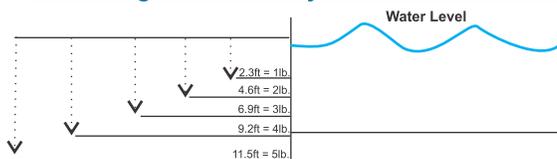
### To convert Celsius temperatures into Fahrenheit:

- Begin by multiplying the Celsius temperature by 9
- Divide the answer by 5
- Now add 32

## PSI Conversions

Multiply	By	To get
Inches of Water	0.03612625	PSI
PSI	27.6807	Inches of Water

### PSI settings for control systems below water level



## Current Capacity (Amps) of Wire

Wire Size	Amperes	
	Copper	Aluminum
14	20	-
12	25	20
10	30	25
8	40	30
6	55	40
4	70	55

## Ohm's Law

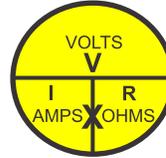
Ohm's Law is made from 3 mathematical equations that shows the relationship between electric voltage, current and resistance.

$$V = I \times R \text{ (Voltage = Current multiplied by Resistance)}$$

$$R = V / I \text{ (Resistance = Voltage divided by Current)}$$

$$I = V / R \text{ (Current = Voltage divided by Resistance)}$$

Knowing any two of the values of a circuit, one can determine (calculate) the third, using Ohm's Law.



### The Wheel:

Volts V (on top of the divided line)

Amps I (lower left below the divided line)

Resistance R (lower right below the divided line)

X represents the (multiply by sign)

To use, just cover the known quantity you need with your minds eye and what is left is the formula to find the unknown.

## Temperature Rise

Based on Gallons and Heater Wattage

### TEMPERATURE RISE METHOD

V = Volume of water

kW = Kilowatt rating of heater

DT = Temperature rise in °F Per Hour

$$DT = \frac{kW \times 411}{V}$$

This formula is used to determine the temperature rise a kilowatt rating will achieve.

$$kW = \frac{V \times 8.3 \times DT}{3413}$$

This formula is used to determine the kilowatt required to achieve a desired temperature rise.

1.5kW	Gallons of Water	102	123	155	205	250	305
	Water Temperature Rise in °F Per Hour*	6.0	5.0	4.0	3.0	2.5	2.0

5.5kW	Gallons of Water	113	126	151	205	281	375
	Water Temperature Rise in °F Per Hour*	20.0	18.0	15.0	11.0	8.0	6.0

11kW	Gallons of Water	181	226	302	450	900	1120
	Water Temperature Rise in °F Per Hour*	25.0	20.0	15.0	10.0	5.0	4.0

\*Temperature rise as listed above does not account for heat loss - actual heat up times may vary.

## Spa Blower Information

### HORSEPOWER

To Get This	Divide This	By This
Horsepower	Kilowatts	0.75
Horsepower	Watts	746
Horsepower	Torque (ft.lbs.) x RPM	33000
Horsepower	Torque (ft.lbs.) x RPS	550
Horsepower required to pump water at a given rate to given height, assuming 100% eff. AKA Water Horsepower	GPM x TDH (ft.)	3960
	GPM x TDH (psi)	103000
Brake hp	Water hp	Pump eff.

### SIZING CHART

Blower Motor Size	Volts	Amps	Maximum In. of Water Depth
1 HP	120	4.4	35"
1 ½ HP	120	5.8	45"
1 HP	240	2.4	30"
1 ½ HP	240	3.1	40"

### SIZING FORMULA

Measure total depth of water in spa (not total spa depth)

Add 1" water for each 10ft. of air pipe

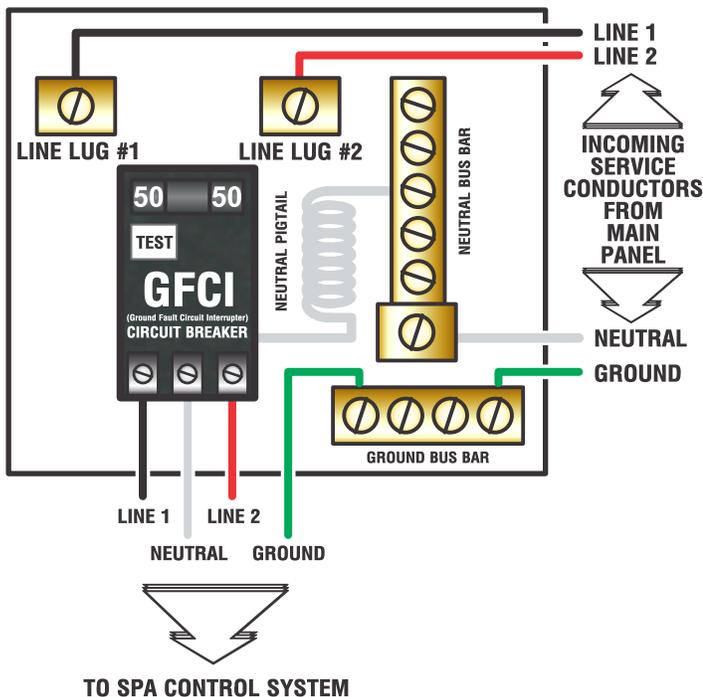
Add ½" water for each 90 deg. elbow

Compare your total with maximum inches of water column and select that size or the next size higher blower than your total, in your selected voltage.

## GFCI Breaker Connection / Electrical Wiring Information

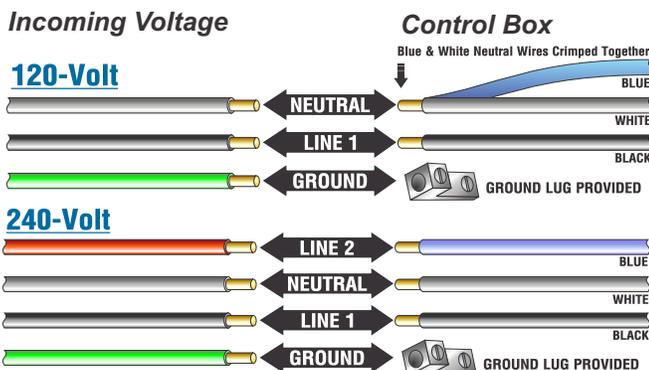
The number one cause for repeated tripping of a GFCI breaker on a new install is that the breaker has been incorrectly wired. The illustration above shows a typical installation. Note that the Neutral "pigtail" is connected at the neutral bus bar and the Neutral wire coming from the spa control system is connected directly to the breaker. Connecting the Neutral wire from the spa control system to the Neutral bus bar will cause the repeat tripping.

**Warning - The illustration is meant to be used as a guide ONLY. This does not in any way supercede any manufacturers installation instructions.**

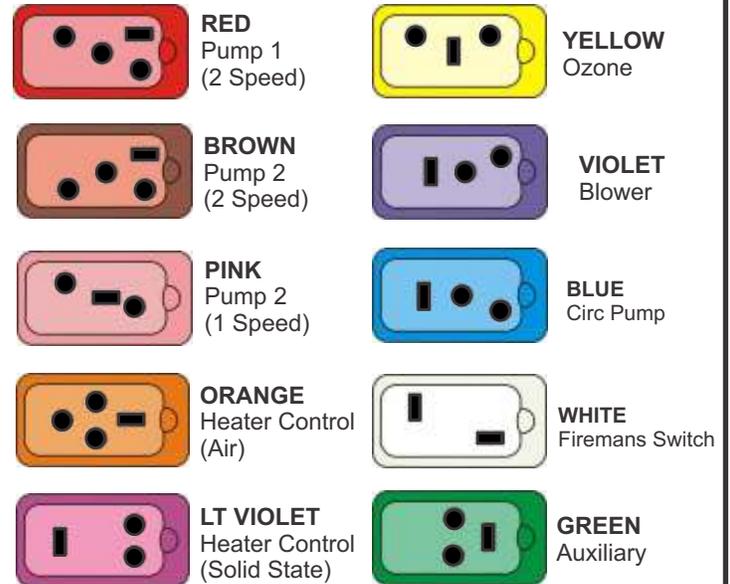


Circuit & Breaker Rating	15A	20A	30A	40A	50A	60A	70A	80A
Maximum Amps	12A	16A	24A	32A	40A	48A	56A	64A
Minimum Wire Size	14	12	10	8	6	4	4	4

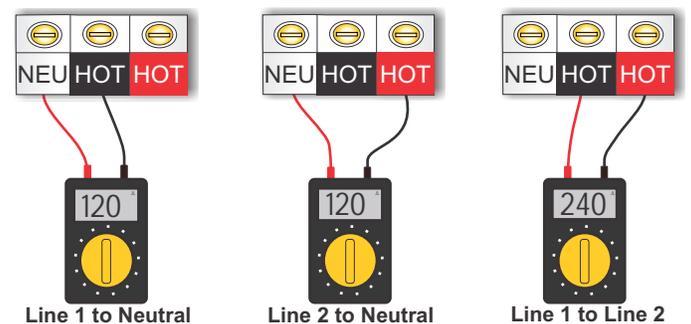
### Universal Control System Wiring Instructions



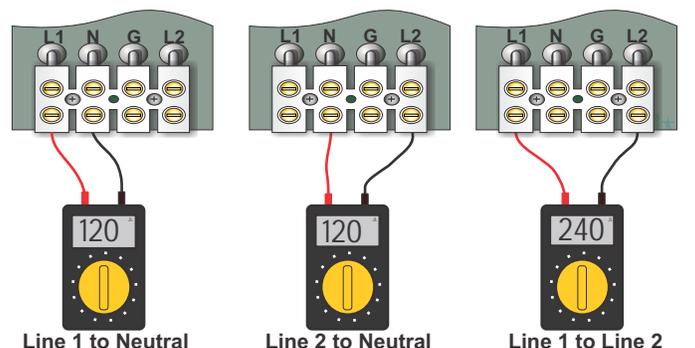
## Molded Receptacle Color Chart



## Balboa - Normal Voltage Test Readings



## Gecko - Normal Voltage Test Readings





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