



2012

SPA PRODUCTS CATALOG



HYDROQUIPTM
THE **SMART** CHOICETM

“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:

Electronic Controls

Choice of Balboa or Gecko Series

Slide Heater Assembly

Position the heater to your requirements

Versi-Heat Remote Heaters

Remote heater for added convenience

Universal Retro-Fit System

Complete ready to install bundled Control Kits

Visual Diagnostic System

Provides easy system diagnostics

System Mis-Wire Protection

Protection from improper electrical installations

Universal Circuit Voltages

Flexible circuit designs

Built-in Ground Fault Protection





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.

Model Series Description Page


BALBOA SERIES

	CS6000B - Duplex Series Slide Control Systems	1
	ES6000B - Duplex Series Equipment Systems	2
	CS6000B - Serial Series Slide Control Systems	3
	ES6000B - Serial Series Equipment Systems	4
	CS4000B - Pump Mount Duplex Series Slide Control Systems	5
	ES4000B - Pump Mount Duplex Series Equipment Control Systems	6
	CS4000B - Pump Mount Serial Series Slide Control Systems	7
	ES4000B - Pump Mount Serial Series Equipment Systems	8
	CS7000B - Lite Leader Series Slide Control Systems	9
	CS7000B - Water Pro Lite Leader Value Series Control Systems	10
	CS6000B - Water Pro Duplex Value Series Control Systems	11
	CS6000B - Water Pro Serial Value Series Control Systems	12

GECKO SERIES

	CS6000 - Standard Series Slide Control Systems	13
	ES6000 - Standard Series Equipment Systems	14
	CS4000 - Pump Mount Series Slide Control Systems	15
	ES4000 - Pump Mount Series Equipment Systems	16
	CS9700 - Deluxe Series Slide Control Systems	17
	ES9700 - Deluxe Series Equipment Systems	18
	CS7000 - Economy Series Slide Control Systems	19
	CS7000 - Water Pro Value Series Control Systems	20
	CS6000 - Water Pro Value Series Control Systems	21

SOLID STATE GECKO SERIES LO-FLO SYSTEMS


	LFC - Lo-Flo Circulation Control Systems	22
--	---	----

<i>Model</i>	<i>Series Description</i>	<i>Page</i>
--------------	---------------------------	-------------






AIR CONTROL SYSTEMS

	CS6000 - Standard Series Slide Control Systems ES6000 - Standard Series Equipment Systems	23 24
	CS4000 - Pump Mount Series Slide Control Systems ES4000 - Pump Mount Series Equipment Systems	25 26
	CS7000 - Economy Series Control Systems	27
	CS500 - Pump Mount Control ABS Series	28

OUTDOOR SOLID STATE SYSTEMS

	ES8750 - Outdoor Series Equipment Self Priming Systems ES8748 - Outdoor Series Equipment Systems CS8700 - Outdoor Series Control Systems	29 30 31
--	---	----------------

SPA COMPONENTS / PURE HEAT BATH HEATERS

	HEATMAX - Remote Heater System	32
	SILENT AIRE - Air Blower Series	33
	UNIVERSAL RITE-FIT - Heater Assembly	34
	TEE STYLE - 7" Tee Style Bath Heaters	35
	INLINE - 7" Inline Pressure & Vacuum Style Bath Heaters	36

INFORMATION

Technical Facts	37
HQ Product Information	38



HYDROQUIP™

THE **SMART CHOICE**™

Duplex CS6000B Solid State Series “SLIDE” Control Systems

CA US



“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
 ECO-200 Series 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
 ECO-401 Series 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

* Some Assembly Required



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

SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Spaside Control	Model	Platform	Pump 1	Pump 2	Blower	Circ Pump	Heater
 ECO-200 Series 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
 ECO-401 Series 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

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 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

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



HYDROQUIP™
THE **SMART CHOICE™**

Serial CS6000B Solid State Series “SLIDE” Control Systems



“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
 HT-701S Series 7.4”L x 3.2”H							
	CS6229B-USZ	VS511SZ	2 SPD	2 SPD	N/A	YES	5.5kW
	CS6239B-USZ	VS510SZ	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW
	CS6339B-USZ	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)

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.



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

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”)
CS6229B-USZ	33-0033A	34-0227-U	34-0202B (x2)	12-0100-K	22-87M-S00-1F03
CS6239B-USZ	33-0033	34-0227-U	34-0202B (x2)	12-0100-K	22-87M-S00-1F03
CS6339B-USZ	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

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

FLOW RATE: 23 GPM Min.

ELECTRICAL OUTPUT SPECIFICATION:

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

SYSTEM DIMENSIONS: 15”W x 11”H x 6”D

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



HYDROQUIP™

THE **SMART CHOICE**™

Serial ES6000B Standard Series Solid State Equipment Systems



Balboa™ Series

* Some Assembly Required


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

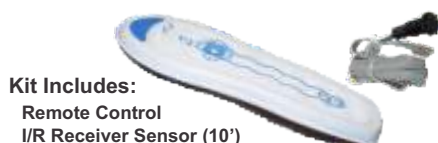
Versi-Heat Remote Heater with 60" Cords
Various Heater Wattages
Wireless Remote Control

SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Spaside Control	Model	Platform	Pump 1	Pump 2	Blower	Circ Pump	Heater
 HT-701S Series 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

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")
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:

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



HYDROQUIP™

THE **SMART CHOICE**™

Duplex CS4000B Solid State Series “SLIDE” Control Systems



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
 ECO-200 Series 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
 ECO-401 Series 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



HYDROQUIP™

THE SMART CHOICE™

Duplex ES4000B Standard Series Solid State Equipment Systems



Balboa™ Series

* Some Assembly Required



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

SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Spaside Control	Model	Platform	Pump 1	Pump 2	Blower	Circ Pump	Heater
 ECO-200 Series 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**	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
 ECO-401 Series 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**	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



HYDROQUIP™

THE **SMART CHOICE**™

Serial CS4000B Solid State Series “SLIDE” Control Systems



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
 HT-701S Series 7.4"L x 3.2"H	CS4229B-USZ	VS511SZ	2 SPD	2 SPD	N/A	YES	5.5kW
	CS4239B-USZ	VS510SZ	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW
	CS4339B-USZ	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)

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.



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

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
CS4229B-USZ	33-0033A	34-0227-U	34-0202B (x2)	12-0100-K	22-67M-S00-1F03
CS4239B-USZ	33-0033	34-0227-U	34-0202B (x2)	12-0100-K	22-67M-S00-1F03
CS4339B-USZ	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:

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

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

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



HYDROQUIP™

THE SMART CHOICE™

Serial ES4000B Standard Series Solid State Equipment Systems



Balboa™ Series

* Some Assembly Required


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

SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Spaside Control	Model	Platform	Pump 1	Pump 2	Blower	Circ Pump	Heater
 HT-701S Series 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

		Option Code*	Pump	Voltage	Blower	Voltage
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	-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 ES4000B 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

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



HYDROQUIP™
THE **SMART CHOICE™**

Lite Leader
CS7000B Economy Series
Solid State **"SLIDE" Control Systems**



↑
↓
HEATER SLIDES
FROM BOTTOM
TO TOP !




"SLIDE" HEATER FEATURE!

Balboa™ Series

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

SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

Spaside Control	Model	Platform	Pump 1	Pump 2	Blower	Circ Pump	Heater
 ECO-LL Series 4.5" L x 2.25" H	CS7109B-US	LITE LEADER	2 SPD	N/A	N/A	N/A	5.5kW
	CS7109B-US-4.0	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 CS7000B SOLID STATE SERIES

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

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

SHIPPING WEIGHT: 15 LBS

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

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




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

Balboa™ Series

SUPPORTED PERIPHERALS AND CIRCUITS BY MODEL

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

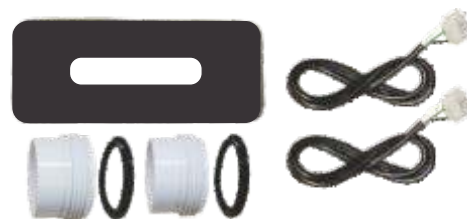
INSTALLATION KIT (Included)



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 CS7000B SOLID STATE SERIES

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

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

SYSTEM DIMENSIONS: 15"W x 10"H x 5"D

ELECTRICAL OUTPUT SPECIFICATION:

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

SHIPPING WEIGHT: 15 LBS

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™**

Duplex CS6000B "Value" Series Solid State Control Systems



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
 ECO-200 Series 4.3"L x 1.6"H	CS6100B-U-WP	VS500Z	2 SPD	N/A	N/A	YES	5.5kW
	CS6200B-U-WP	VS501Z	2 SPD	1 SPD** OR	BLOWER**	YES	5.5kW
	CS6220B-U-WP	VS511Z	2 SPD	2 SPD	N/A	YES	5.5kW
	CS6230B-U-WP*	VS513Z/510Z	2 SPD	1 SPD	1 SPD (12A)	YES	5.5kW
 ECO-401 Series 6.3"L x 2.2"H	CS6100B-U-F-WP	VS500Z	2 SPD	N/A	N/A	YES	5.5kW
	CS6200B-U-F-WP	VS501Z	2 SPD	1 SPD** OR	BLOWER**	YES	5.5kW
	CS6220B-U-F-WP	VS511Z	2 SPD	2 SPD	N/A	YES	5.5kW
	CS6230B-U-F-WP*	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")
CS6100B-U-WP	33-0032A	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7
CS6200B-U-WP	33-0032B	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7
CS6220B-U-WP	33-0032C	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7
CS6230B-U-WP	33-0032D	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7
CS6100B-U-F-WP	33-0032A	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7
CS6200B-U-F-WP	33-0032B	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7
CS6220B-U-F-WP	33-0032C	34-0225-U	34-0202 (x2)	12-0100-K	26-0071-M7
CS6230B-U-F-WP	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
 HT-701S Series 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

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



HYDROQUIP™

THE **SMART CHOICE**™

CS6000 Standard Series Solid State "SLIDE" Control Systems

C US

HEATER SLIDES
FROM BOTTOM
TO TOP!



"SLIDE" HEATER FEATURE!

Gecko™ Series

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)

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


ECO-5 Spaside
(Standard for CS6109)
HQ PT#: 34-0207


ECO-3 Spaside
(Standard for CS6239, CS6339)
HQ PT#: 34-0197


ECO-6 Spaside
(Standard for CS6209, CS6229)
HQ PT#: 34-0208


Optional Eco-7 Spaside
(CS6109)
HQ PT#: 34-0198


Optional Eco-8 Spaside
(CS6209, CS6229)
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 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



HYDROQUIP™

THE **SMART CHOICE**™

ES6000 Standard Series Solid State Equipment Systems

UL US



Gecko™ Series

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

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



ECO-5 Spaside
(Standard for ES6100)
HQ PT#: 34-0207



ECO-3 Spaside
(Standard for ES6230, ES6330)
HQ PT#: 34-0197



ECO-6 Spaside
(Standard for ES6200, ES6220)
HQ PT#: 34-0208



Optional Eco-7 Spaside
(ES6100)
HQ PT#: 34-0198



Optional Eco-8 Spaside
(ES6200, ES6220)
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.

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



HEATER SLIDES
FROM BOTTOM
TO TOP !

"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)


ECO-5 Spaside
(Standard for CS4109)
HQ PT#: 34-0207


ECO-3 Spaside
(Standard for CS4239, CS4339)
HQ PT#: 34-0197


ECO-6 Spaside
(Standard for CS4209, CS4229)
HQ PT#: 34-0208


Optional Eco-7 Spaside
(CS4109)
HQ PT#: 34-0198


Optional Eco-8 Spaside
(CS4209, CS4229)
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.

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



HYDROQUIP™

THE **SMART** CHOICE™

ES4000 Pump Mount Series Solid State Equipment Systems

C_{RU} US



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



ECO-5 Spaside
(Standard for ES4100)
HQ PT#: 34-0207



ECO-3 Spaside
(Standard for ES4230, ES4330)
HQ PT#: 34-0197



ECO-6 Spaside
(Standard for ES4200, ES4220)
HQ PT#: 34-0208



Optional Eco-7 Spaside
(ES4100)
HQ PT#: 34-0198



Optional Eco-8 Spaside
(ES4200, ES4220)
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.

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



HYDROQUIP™

THE **SMART CHOICE**™

CS9700 Deluxe Series Solid State "SLIDE" Control Systems

UL US



HEATER SLIDES
FROM BOTTOM
TO TOP !

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

"SLIDE" HEATER FEATURE!

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
CS9709-US	1 or 2 SPD	1 or 2 SPD	1 SPD	1-3 SPD	2	YES	YES	1-3 STEP	NO	2 YEARS
CS9709-US-HC	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")
CS9709-US/HC	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



* Some Assembly Required

Gecko™ Series

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
ES9700	1 or 2 SPD	1 or 2 SPD	1 SPD	1-3 SPD	2	YES	YES	1-3 STEP	NO	2 YEARS
ES9700-HC	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



Auxiliary Spaside
HQ PT#: 34-0210



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



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

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")
ES9700/HC	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

C 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



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



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



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



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

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



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



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



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



HYDROQUIP™

THE **SMART CHOICE**™

CS6000 “Value” Series Solid State Control Systems

CA US



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



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

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-3 shown)

Component Cords

2" Tailpieces w/Gaskets

Spaside Adapter Plate

12V Light Assembly



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)

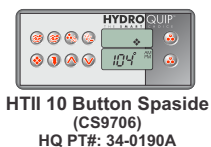
*CS9706 model only

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



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

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:

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

DIMENSIONS OF CONTROL BOXES & SHIPPING WEIGHT:

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

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**™

CS6000 Standard Series Air “SLIDE” Control Systems

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



HYDROQUIP™

THE **SMART CHOICE**™

ES6000 Standard Series Air Equipment Systems

C  US



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

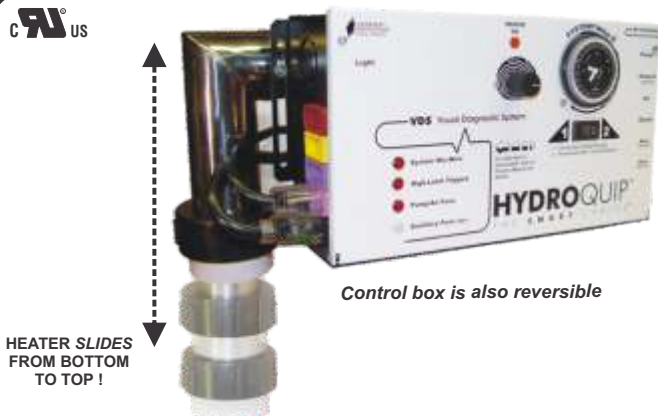
CIRCUIT(S)	MAXIMUM AMPS
PUMP(S)	13A
BLOWER	8A
OZONE	2A
12V LIGHT	1A
HEATER	23A

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

WARRANTY:

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

CS4000 Pump Mount Series Air “SLIDE” Control Systems



“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



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 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)
PUMP(S)
BLOWER
OZONE
12V LIGHT
HEATER

MAXIMUM AMPS
13A
8A
2A
1A
23A

PACKAGING / SHIPPING:

INDIVIDUAL (HQ STOCK)
FOB CORONA, CA 92880

WARRANTY:

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

ES4000 Pump Mount Series Air Equipment Systems

C[®] US



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



**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 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

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
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



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



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)
PUMP(S)
BLOWER
OZONE
12V LIGHT
HEATER

MAXIMUM AMPS
13A
8A
2A
1A
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

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)
PUMP(S)
BLOWER
OZONE
12V LIGHT
HEATER

MAXIMUM AMPS
13A
8A
2A
1A
23A

PACKAGING / SHIPPING:

INDIVIDUAL (HQ STOCK)
FOB CORONA, CA 92880

WARRANTY:

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



HYDROQUIP™

THE **SMART CHOICE**™

ES8750 Outdoor Series Solid-State Equipment Systems



* Some Assembly Required

Self Priming System

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)

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



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)



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

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

SYSTEM DIMENSIONS: 36"W x 26"H x 18"D

ELECTRICAL OUTPUT SPECIFICATION:

SHIPPING WEIGHT: 80 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
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



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

SHIPPING WEIGHT: 19 LBS

WARRANTY:

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



HYDROQUIP[™]
THE **SMART CHOICE**[™]

Universal **SILENT AIRE** Blower Series



Now includes, 42" Amp Adapter Cord!

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



30-1200-L48
Lighted 48"



30-1057-36
Nema 36"



30-1302-48
XM/XE 120V 48"



30-1302A-48
XM/XE 240V 48"



30-1200-A48
4 Pin Amp 48"

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



HYDROQUIP™
THE **SMART CHOICE™**

Universal *RITE-FIT* Heater Assembly



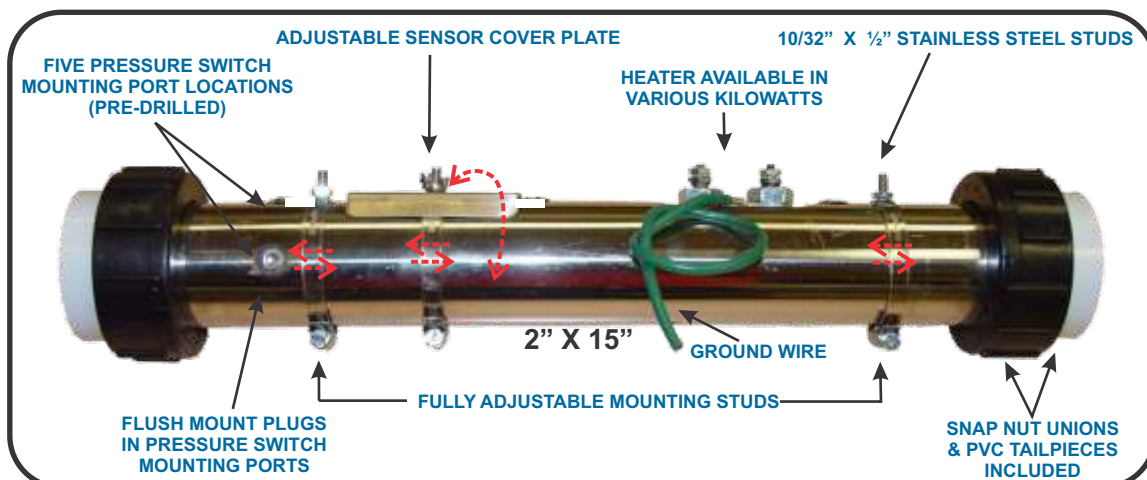
Hydro-Quip introduces our new universal *RITE FIT* heater assembly. This innovative design allows you to use the *RITE FIT* heater to replace many on the market today. Save on inventory and save space, no need to carry so many different models when you only need one, the *RITE FIT* universal heater!

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

SHIPPING WEIGHT: 4 LBS

WARRANTY:

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



HYDROQUIP™

THE **SMART CHOICE**™

Pure Heat Series 7" Tee Style Bath Heater

Underwriters Laboratories Inc. © CE cUL 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)

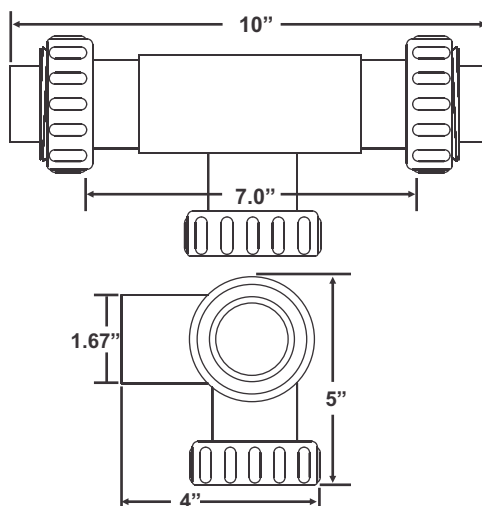


1.5" Ridged Gasket
PT# 60-0017 (X2)



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:

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

SHIPPING WEIGHT: 1.75 LBS

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

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

Pure Heat Series 7" Inline Style Bath Heater



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

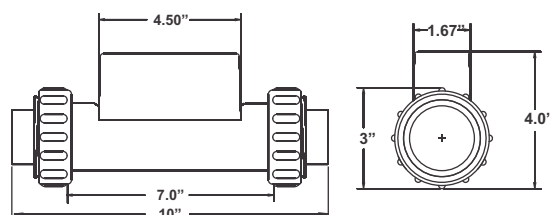
INSTALLATION KIT



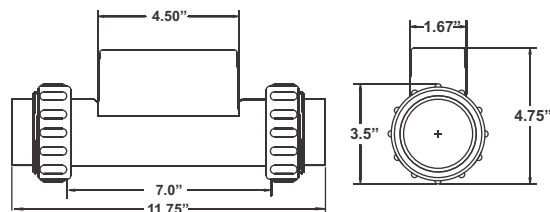
*Not included with "PH101" vacuum switched heaters

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

Gallons of Water
Pounds of Water
Gallons
Watts
Amps

By

8.35
27.65
231
0.001341
Volts

To Get

Pounds of Water
Cubic Inches
Cubic Inches
Horse Power
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

Inches of Water
PSI

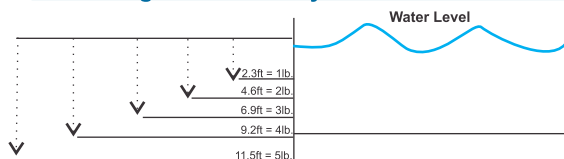
By

0.03612625
27.6807

To get

PSI
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

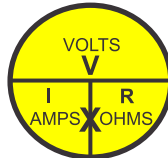
Ohm's Law is made from 3 mathematical equations that shows the relationship between electric voltage, current and resistance.

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

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

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

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

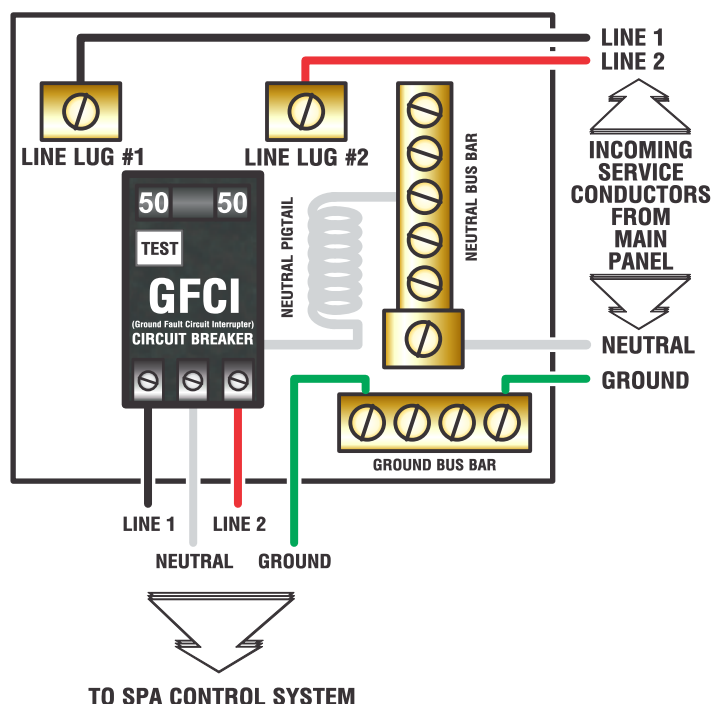
Add ½" water for each 90 deg. elbow

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

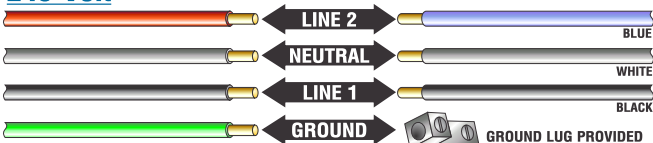
Universal Control System Wiring Instructions

Incoming Voltage

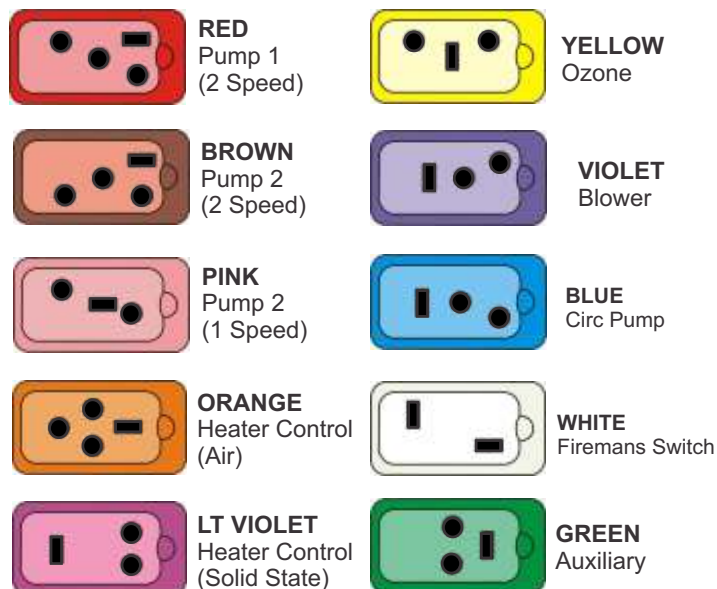
120-Volt



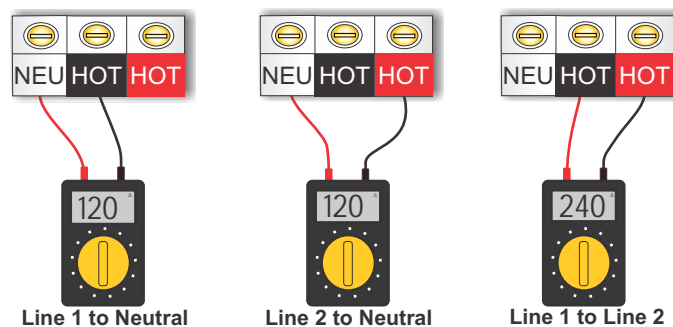
240-Volt



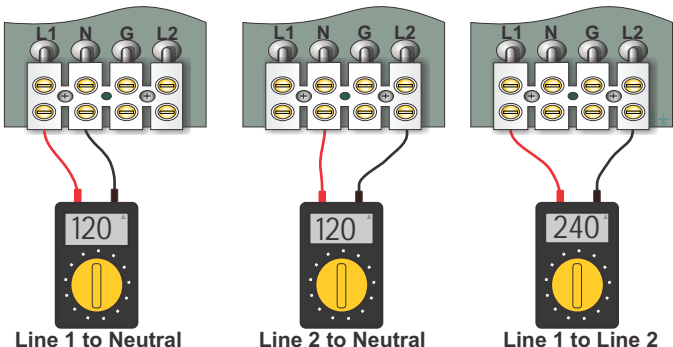
Molded Receptacle Color Chart

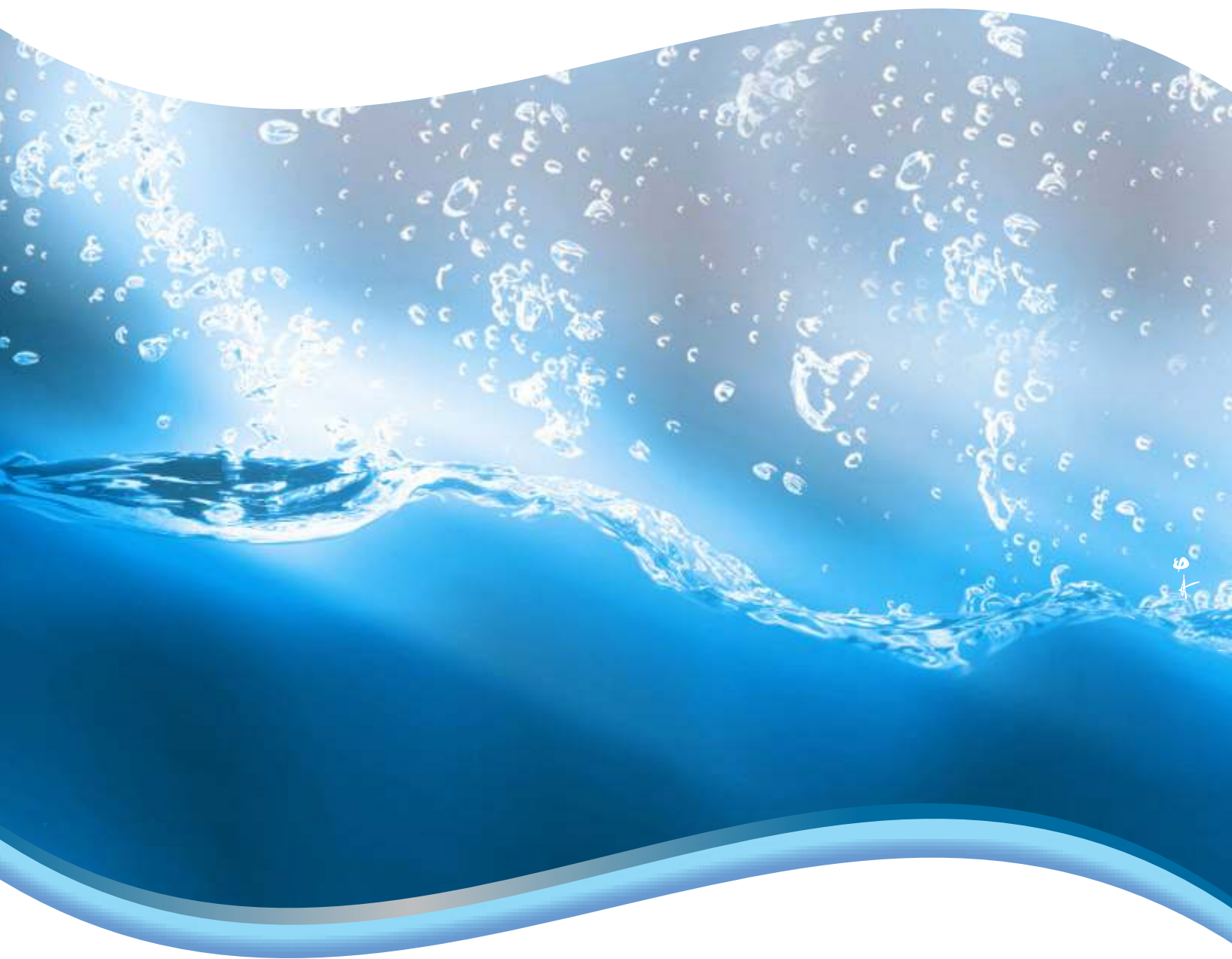


Balboa - Normal Voltage Test Readings



Gecko - Normal Voltage Test Readings





HYDROQUIP™
THE **SMART CHOICE**™

510A N. Sheridan Street, Corona CA. 92880
Telephone: (951) 273-7575 Fax: (800) 332-7190
www.hydroquip.com