

# Heater Replacement Guide

2016 Edition



- *Blowers*
- *Heaters*
- *Handrails*
- *Elements*



## HEATER & ELEMENT WARRANTY

Effective April 20, 2010

Therm Products warrants to the Purchaser, that the heater or element delivered hereunder will be free from defects in material & workmanship, and will be of the kind and quality described in the contract, when they leave our factory. If damaged in shipment, a claim should be filed promptly with the carrier. This warranty is exclusive, and in lieu of all other warranties, whether written, oral, or implied (including any warranty of merchantability or fitness of purpose.)

Therm Products warrants only the product as specified above, since we have no control over the applications of the heaters or devices in which they are installed.

**Limitation of Liability:** The Company assumes no special or consequential liability. Liability on any claim of any kind, including negligence, shall in no case exceed the price allowable of the heater or element supplied. It is the customer's responsibility to determine by tests, calculations, or other means, the suitability of the heater for the application.

All Therm Products Heater Elements and Heater Assemblies are warranted against manufacturing defects, for a minimum period of 18 months from date of manufacture. Dry fire, corrosion due to water chemistry, physical abuse, and freeze damage are not covered. Any additional element warranty coverage is noted below.

**Standard Elements & Heaters** warranted against manufacturing defects from date of manufacture for 18 months. Dry fire, physical abuse, and freeze damage are not covered.

**Coated Elements & Heaters** ("TE" & "EP") warranted against manufacturing defects from date of manufacture for 18 months. Dry fire, physical abuse, and freeze damage are not covered.

**Titanium Elements & Heaters** (Titanium Components Only) warranted against manufacturing defects from date of manufacture for 24 months. Dry fire, physical abuse, and freeze damage are not covered.

Any Therm Products heater or heating device claimed to be defective in material and/or workmanship when it leaves our factory, should be returned to the company with a Returned Goods Authorization number obtained from Therm Products directly. Freight costs incurred for product return, will be billed back to the customer if the products are found to be outside the warranty period, no failure found, or damaged by the customer.

Product failures occurring outside the United States, Mexico, and Canada, may require only written permission to return the product label only, to obtain credit. However, Therm Products reserves the right to request that units be returned at any time for evaluation, if the number of returns exceeds 2% of the units shipped. Therm Products requires that all units be returned for evaluation, corrective action, before returning to the label only program.

### RETURNS:

All products returned for warranty evaluation, will require an RGA number before shipping. All RGA shipments must be sent prepaid without exception. Shipments arriving without an RGA, or sent freight collect, will not be accepted. Any parts shipped to Therm Products and determined to not be covered under warranty (no fault found, corrosion due to water chemistry, past warranty date, abused, dry fired, etc.) will be returned at customers expense, or scrapped with 30 days of notification.

### CREDITS:

All credits resulting from the return of defective materials, or final disposition on non-warranty returned goods, will be provided within 30 days. At our option, Therm Products agrees to replace the defective item with a similar part, or issue monetary reimbursement in the amount paid for the item only. A copy of the credit statement will be mailed to customers accounting department, unless requested otherwise.

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**Headquarters, Customer Service**  
439 S. Stoddard Ave.  
San Bernardino, CA. 92401  
Phone: (909) 888-2882  
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# Universal 11" and 15" Replacement Heater



15" Part #'s:  
C2550-5000-1 5.5KW  
C2450-5000-1 4.5KW  
C2400-5000-1 4.0KW  
C2300-5000-1 3.0KW

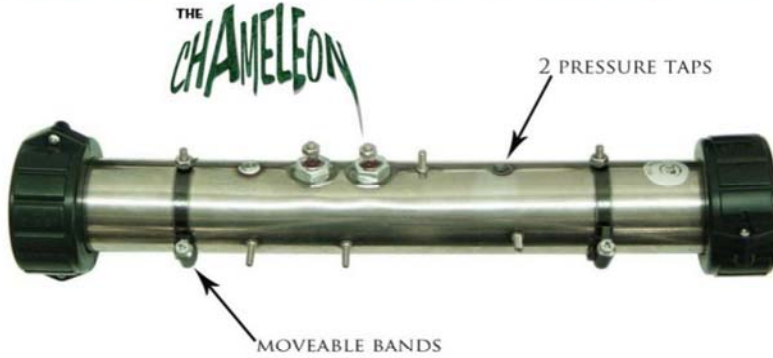
11" Part #'s:  
C2550-5010-1 5.5KW  
C2400-5010-1 4.0KW  
C1140-5010-1 1.4KW  
C1100-5010-1 1.0KW

## 100% Heaters

C2550-5000-1Z 5.5KW  
C2450-5000-1Z 4.5KW  
C2400-5000-1Z 4.0KW  
C2300-5000-1Z 3.0KW

C2550-5010-1Z 5.5KW  
C2400-5010-1Z 4.0KW  
C1140-5010-1Z 1.4KW  
C1100-5010-1Z 1.0KW

# Gecko "S" Pack & "M" Pack Universal 15" Heater



## Part #'s:

C2550-5003 5.5KW 120/240V Replaces- C2550-0800 / C2550-0800ET / C2550-0800ET-G / C2550-0601 / C2550-0601ET / C2550-0601ET-G / 530AA0107 / 3320-100339 / 9920-100347 / 530AA0284 / 530AA437

C2400-5003 4.0KW 120/240V Replaces- C2400-0800 / C2400-0800ET / C2400-0800ET-G / C2400-0601 / C2400-0601ET / C2400/0601ET-G / 530AA0095 / 530AA078 / 530AA0394 / 530AA0448 / 530AA0459 / 9920-100338 / 9920-100346

C2300-5003 3.0KW 120/240V

# Balboa Style 15" Replacement Heaters

Also Available in 



C2550-0807-TPS 5.5KW 120/240V 15" x 2" Balboa Style Dual Sensor replacement heater assembly w/sensors & tail pieces. Replaces: 58083 / 58000 / 58209 / 58010 / 58064 / 58123 / 58089 / 58086 / 58105 / 58121

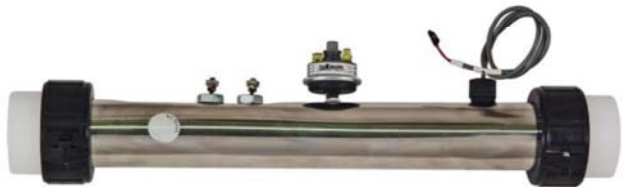
C2550-0807-ZTS 5.5KW 120/240V. 15" x 2" 100% Titanium tube & element

C2450-0807-TPS 4.5KW 120/240V 15" x 2"

C2400-0807-TPS 4.0KW 120/240V 15" x 2" Replaces: 58104 / 58056 / 58212 / 58120 / 58117 / 58109 / 58031 / 58106

C2400-0807-ZTS 4.0KW 120/240V. 15" x 2" 100% Titanium tube & element

C2300-0807-TPS 3.0KW 120/240V 15" x 2" Replaces: 58118



C2550-0809-TPS 5.5KW 120/240V 15" x 2" Balboa Style "LE" heater assembly w/sensor, pressure switch & tail pieces. Replaces: 58019 / 58026 / 58074 / 58066

C2450-0809-TPS 4.5KW 120/240V 15" x 2"

C2400-0809-TPS 4.0KW 120/240V 15" x 2" Replaces: 53349 / 58048 / 58028 / 58009 / 58067

C2300-0809-TPS 3.0KW 120/240V 15" x 2" (58053)



C2550-0535-TPS 5.5KW 120/240V 15" x 2" Balboa Style "Generation 1" replacement heater assembly w/ pressure switch and tail pieces. Replaces: 50096 / 50076 / 50134 / 50150 / 50071

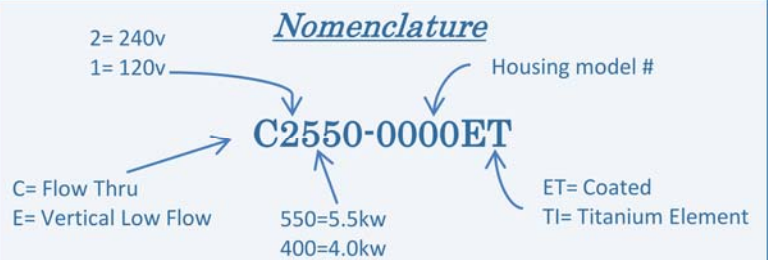
C2450-0535-TPS 4.5KW 120/240V 15" x 2"

C2400-0535-TPS 4.0KW 120/240V 15" x 2" Replaces: 50067 / 50142

C2300-0535-TPS 3.0KW 120/240V 15" x 2" Replaces: 50145

All Heaters are available in:

**Tefel™ Coated** w/18 mo. Warranty  
and



## FLOW THRU HEATERS

### BRETT EM100 & EM190 /ACURA / ACC / ACTION / SPLASH / PDC / HYDRO QUIP



C2550-0304A- 5.5kw/240v. 2" x 15"  
Replaces: C2550-0304TI (-1 or PD or ET-PD) / C2550-0314 (ET or EP) / 20-00430 / 20-00417 / 20-00307 / B24055B / B24055E / 48-3300-10-304H  
C2400-0304- 4.0kw/240v.  
Replaces: C2400-0304TI (-1 or PD or ET-PD) / C2400-0314 (ET or EP) / 20-00433 / 20-00434 (4.5kw) / 20-00454 / 20-00317 / B24040E



C2550-1056- 5.5kw/240v. 2" x 15"  
Replaces: C2550-1056TI / B24055A



C2550-1054- 5.5kw/240v. 2" x 15"  
Replaces: C2550-1054TI / C2550-1054TI-1  
C2400-1054- 4.0kw/240v.  
Replaces: C2400-1054TI / C2400-1054TI-1



C2550-1004- 5.5kw/240v. 2" x 12"  
Replaces: C2550-1004TI / C2550-1004TI-1  
C2400-1004- 4.0kw/240v.  
Replaces: C2400-1004TI (-1) / C2450-1004 / B24040KX



C1100-0210-1- 1.0kw/120v. 1.5" x 8.5" Used on Sundance  
C2100-0210-1- 1.0kw/240v. 1.5" x 8.5" Used on Sundance

### BALBOA 1st GEN



C2550-0535- 5.5kw/240v. 2" x 15"  
Replaces: 20-00395 / 50080 / B24055LB / 48-3300-10-535H  
C2400-0535- 4.0kw/240v. 2" x 15"  
Replaces: C2400-2839-2 (Watkins) / 50081 / 50067 / B24040LB (Light Leader)

### BALBOA "LE"



C2550-0809- 5.5kw/240v. 2" x 15"  
Replaces: 58027  
C2400-0809- 4.0kw/240v. 2" x 15"  
Replaces: 58029

### BALBOA DUAL SENSOR TAPS



C2550-0807- 5.5kw/240v. 2" x 15"  
Replaces: 58002 / 58016  
C2400-0807- 5.5kw/240v. 2" x 15"  
Replaces: 58103 / 58032

### BRETT / CALDERA



C2550-0033- 5.5kw/240v. 2" x 15"  
Replaces: 48-3300-10-033HB  
indoor use only

### BRETT - PINACLE HURRICANE



E21100-3100- 11kw/240v. 3" x 15"  
Single element  
E21100-3150- 11kw/240v. 3" x 15"  
Dual element

### BRETT / GATSBY



C2550-0066ET-A- 5.5kw/240v. 2" x 15"  
Replaces: 20-00319 / 22-5020

### BRETT - PINNACLE



B21100-2012- 11kw/240v. 2" x 14" EM1000 Dual Element

### CAL SPAS



C2550-0011- 5.5kw/240v. 2" x 15" wet element w/TCO. Replaces: F2550-0011 / F2550-0001 / F2550-0011-100 / F2550-0001/ET  
C2400-0011-4.0kw/240v  
Replaces: F2400-0011 / B24040XL

### CAL SPAS



C2550-2001- 5.5kw/240v. 2" x 15" wet element for Balboa box.  
Replaces: F2550-2001 (2" x 19" heat exchanger)  
C2400-2001- 4.0kw/240v Replaces: F2400-2001

### CAL SPAS



C2550-0321-A- 5.5kw/240v. 2" x 15.5"  
Replaces: C2550-0321 / B24055G / 48-3300-10-321H  
C2400-0321- 4.0kw/240v. 2" x 15.5"

### CAL SPAS



C2550-0621- 5.5kw/240v. 2" x 15.5" w/tap  
Replaces: C2550-0521 / C2550-0521-B / 20-00429  
C2450-0521- 4.5kw/240v.  
Replaces: C2450-0521-B / 20-00422  
C2550-0621-A- 5.5kw/240v. w/studs  
Replaces: C2550-0621-2

### CAL SPAS



C2550-0021- 5.5kw/240v. 2" x 15.75" Swadged  
Replaces: C2550-0021ET / C2550-0022 w/tap  
C2550-0023 United Spas

# Flow Thru Heaters

## CAL SPAS



C2550-0165- 5.5kw/240v. 2" x 16.25"  
 Replaces: C2550-0165ET / C2550-0065/ET  
C2400-0165- 4.0kw/240v  
 Replaces: C2450-0165/ET

## COATES



20-00517- 5.5kw/240v. 2" x 15"  
 Replaces: C2550-0517  
20-00518- 4.0kw/240v. 2" x 15"

## COLEMAN



C1100-0216- 1.0kw/120v. 1.5" x 10"  
 Replaces: 20-00450

## CORRECT TECH - INGENIOUS PROD



C2550-2311- 5.5kw/240v. 2" x 11"  
 Replaces: C2550-2311ET / 20-00635 / B240455Y  
C2400-2311- 4.0kw/240v. 2" x 11"  
 Replaces: C2400-2311ET / 20-00634 / B24040Y

## CORRECT TECH



C2550-2315- 5.5kw/240v. 2" x 14.5"  
 Replaces: C2550-2315ET / 20-00486  
C2400-2315- 4.0kw/240v. 2" x 14.5"  
 Replaces: C2400-2315ET / 20-00484

## CORRECT TECH



C2550-2300ET- 5.5kw/240v. 2" x 12.5"  
C2400-2300ET- 4.0kw/240v. 2" x 12.5"

## EMERALD / CONWAY



C2600-C1774-1- 6.0kw/240v. 1.5" x 16"

## GECKO



C2550-3600ET-G- 5.0kw/240v. 3" x 15"  
 Dual element

## GECKO



C2450-3101ET- 4.5kw/240v. 3" x 15"

## GECKO



C2550-3602ET-G- 5.5kw/240v. 3" x 15"

## GECKO



C2550-0800- 5.5kw/240v. 2" x 15" S-Class  
 Replaces: C2550-0800ET / B24055LA5 /  
 B24055LASD / B24055U / 20-00250 / 20-00251  
 20-00249 / 20-00270  
C2400-0800- 4.0kw/240v. 2" x 15" S-Class  
 Replaces: WATKINS C2400-C3330-1A /  
 WATKINS C2400-C2695-1 / B24040LA5 / 20-00294  
 NORDIC C2695-1 / C2400-0800ET / 20-00271 /  
 20-00280 / 20-00281 / 20-00292 / 20-00296 /  
 20-00410

## GECKO



C2550-0601- 5.5kw/240v. 2" x 15" M-Class  
 Replaces: B24055GM / C2550-0601ET /  
 20-00272 / 20-00274  
C2400-0601- 4.0kw/240v. 2" x 15" M-Class  
 Replaces: C2400-0601ET / B24040GM / 20-00284  
 20-00285 / 20-00271

## HERCULES



C2550-0155- 5.5kw/240v. 2" x 18"  
 Replaces: C2550-0157 / C2550-0154 /  
 48-3300-10-0154H

## HYDRO QUIP



C2550-0309- 5.5kw/240v. 2" x 15"  
 Replaces: C2550-0309ET / 20-00287C /  
 B23025R1

## HYDRO QUIP



C2550-0307- 5.5kw/240v. 2" x 15"  
 Replaces: C2550-0307ET / 20-00227  
C2450-0307- 4.5kw. Replaces: C2450-0307ET  
 Replaces: 20-00276-C  
C2400-0307- 4.0kw. Replaces: C2400-0307ET

## HYDRO QUIP



C2550-0002- 5.5kw/240v. 2" x 15"  
 Replaces: C2550-0002ET / 20-00224 /  
 20-00424  
C2400-0002- 4.0kw/240v. 2" x 15"  
 Replaces: C2400-0002ET

## HYDRO QUIP



C21100-3077- 11.0kw/240v. 3" x 19.25"  
 Dual Element

## HYDRO QUIP



C1100-1200-1- 1.0kw/120v. 2" x 10"

## JUMP KING



C1100-0012- 1.0kw/120v. 1.5" x 8.5"



C2400-0001- 5.5kw/240v. 2" x 12"

## LA - ADVANCED



C2550-0736- 5.5kw/240v. 2" x 15"  
 Replaces: B24055LA2

# Flow Thru Heaters

## LA - ADVANCED



[C2550-0071](#)- 5.5kw/240v. 2" x 15"  
Replaces: B24055LA

## SUNDANCE / SBSG



[C2550-1002](#)- 5.5kw/240v. 2" x 12" AP4 & LX10  
Replaces: C2550-1002ET  
[C2400-1002](#)- 4.0kw/240v. 2" x 12" AP4 & LX10  
Replaces: C2400-1002ET

## UNITED



[C2550-1206](#)- 5.5kw/240v. 2" x 13.25"  
[C2400-1206](#)- 4.0kw/240v. 2" x 13.25"

## MADDOX ENT



[C2550-0073](#)- 5.5kw/240v. 2" x 15"  
Replaces: 20-00326 / C2550-0073-S (SET) / C2550-0072  
[C2400-0073](#)- 4.0kw/240v. 2" x 15"  
Replaces: 20-00247 / C2400-0073-S (SET)

## SUNDANCE / SBSG



[C2550-0120](#)- 5.5kw/240v. 2" x 15"  
Replaces: 48-3300-10-120H / 6500-211

## VITA



[C2550-0108](#)- 5.5kw/240v. 2" x 17.25"  
Dual Element

## NORDIC



[C2400-C2550-2](#)- 4.0kw/240v. 2" x 15"

## SUNDANCE / SBSG



[C2550-0267ET](#)- 5.5kw/240v. 2" x 15"  
Replaces: C2550-0267  
[C2400-0267ET](#)- 4.0kw/240v. 2" x 15"  
Replaces: C2400-0267

## VITA



[C2550-1008ET](#)- 5.5kw/240v. 2" x 17.5"  
[C2400-1008ET](#)- 4.0kw/240v. 2" x 17.5"  
Also available in 4.5kw & 3.0kw

## NUWAVE - WEST COAST



[C2550-0313N](#)- 5.5kw/240v. 2" x 15"  
Replaces: 20-00348 / B24055C1  
[C2400-0313N](#)- 4.0kw/240v. 2" x 15"

## SUNDANCE / MARQUIS



[C2550-0119](#)- 5.5KW 240V 15" x 2"  
Replaces: 48-3300-10-119H

## VITA



[C2550-0024ET](#)- 5.5kw/240v. 2" x 15"  
[C2400-0024ET](#)- 4.0kw/240v. 2" x 15"  
[C2300-0024ET](#)- 3.0kw/240v. 2" x 15"

## NUWAVE - WEST COAST



[C2550-0213N](#)- 5.5kw/240v. 2" x 19"  
Replaces: C2550-0113 / 20-00406 / B24055C  
[C2400-0213N](#)- 4.0kw/240v. 2" x 19"

## SUNDANCE



[C2550-0104](#)- 5.5kw/240v. 2" x 12"  
[C2400-0104](#)- 4.0kw/240v. 2" x 12"

## VITA



[C2550-0028ET](#)- 5.5kw/240v. 2" x 15"  
Replaces: C2550-0027ET  
[C2400-0028ET](#)- 4.0kw/240v. 2" x 15"  
Replaces: C2400-0027/ET

PRESSURE TAP  
BEHIND

## SBSG



[C2550-0256](#)- 5.5kw/240v. 2" x 15" LX20/25/30  
Replaces: C2550-0256ET  
[C2400-0256](#)- 4.0kw/240v. 2" x 15" LX20/25/30  
Replaces: C2400-0256ET



[C2550-0000](#)- 5.5kw/240v. 2" x 15"  
[C2400-0000](#)- 4.0kw/240v. 2" x 15"

## VITA



[C2550-0010ET](#)- 5.5kw/240v. 2" x 15"

## SUNDANCE / SBSG



[C2550-0056](#)- 5.5kw/240v. 2" x 15" AP1 & LX15  
Replaces: C2550-0056ET / B24055Q (QC) / 20-00227 / C2550-0456 (SC) / C2550-0556  
[C2400-0056](#)- 4.0kw/240v. 2" x 15" AP1 & LX15  
Replaces: C2400-0056ET / B24040Q (QC) / 20-00354 / C2400-0556

## UNITED



[C2550-1227](#)- 5.5kw/240v. 2" x 15"  
[C2400-1227](#)- 4.0kw/240v. 2" x 15"

## WATKINS



[C1100-C2507-1](#)- 1.0kw/120v. 2" x 10"  
Replaces: C1100-C1789-1

## Remote Heaters w/cords (indoor use only)



C2550-0103TT  
Arctic 5.5KW 240V 12" x 2" Titanium Flo  
Thru htr w/48" Cord and 5 pin mini JJ  
plug  
C2550-0103Z- 100%  tube  
and element. SALT READY!!!



A2550-5251ET  
Arctic 5.5KW 240V Remote Curved htr w/48"  
Cord and 5 pin mini JJ plug  
Replaces: A2550-5250ET / A2550-5200ET /  
A2550-5100ET / 22-00254  
22-00255 / 22-00256



A2550-5350ET  
Arctic 5.5KW 240V Remote Straight htr  
w/48" Cord and 5 pin mini JJ plug  
Replaces A2550-5300ET



C2450-0136-C  
Apollo 4.5KW 240V 15" Remote FLO THRU htr  
w/48" cord and 5 pin mini JJ plug  
Replaces C2550-0136-C / C2550-0136ET-C



C2550-0011  
Cal Spa 5.5KW 240V 15" x 2" wet element  
Remote Flo Thru htr w/4 wire & TCO  
Replaces: F2550-0001 / F2550-0011  
C2550-F002  
5.5KW 240V 19" x 2" Replaces: F2550-0002  
C2400-0011- 4KW Version  
Replaces: F2400-0001 / F2400-0011



C2550-0316TI  
Sundance 5.5KW 240V 15" x 2" Titanium  
Flo Thru remote heater w/48" Cord  
Replaces: 20-08364



A2360-4000  
U.S. Tooling 3.6KW 240V 9" Remote heater  
w/24" x 12/3 cord. Replaces B2400-4000



C2550-0V03-HT  
5.5KW 240V 11.5" x 1.5" FTP Vulcan heater assy.  
w/thermostat & high limit.  
Replaces 20-08512 & 20-08513  
C2550-0V03K  
5.5KW 240V w/element, housing & box only



C1150-0410-BX- 1.5KW 120V 10" x 2"  
C2150-0482-BX- 1.5KW 240V 13" x 2"  
C2250-0000A-BX- 2.7KW 240V 15" x 2"  
C2300-0000A-BX- 3.0KW 240V 15" x 2"  
C2400-0000A-BX- 4.0KW 240V 15" x 2"  
C2550-0000A-BX- 5.5KW 240V 15" x 2"  
Replaces 20-08440 & 20-08450

20-08421- 5.5KW 240V 13" x 2"  
Fiberglass Specialites

20-08510- 5.5KW 240V 11.5" x 2"  
high limit only

20-08409- 1.0KW 120V 10" x 2"  
w/box & pressure switch only

\*\*Includes pressure switch,  
thermostat, high limit and  
contactors  
indoor use only

## Tee Heaters (indoor use only)



A2550-2312-B  
5.5KW 240V 17.5" X 2" Jacuzzi Flared heater w/box only



A2550-2314  
5.5KW 240V 17.5" x 2" w/box and high limit only  
Replaces: 6521000 / 16-08423



A2550-2300BHTP2  
5.5KW 240V 17" x 1.5". With HL/TH/AS & light  
Replaces: 16-08115 / 16-08311  
A2550-2300BH  
5.5 KW 240V 17" x 1.5". w/box & High Limit only  
(with 1-1/2" MPT tail piece)  
Replaces: 16-08170 / 16-08175



16-08120  
5.5KW 240V 17" x 1.5" Sundance heater  
w/box and high limit only. Replaces: 16-08170



16-08117  
5.5KW 240V 17" x 1.5" w/contactor, thermostat  
& high limit



16-08124  
Dakota Spas 4.0KW 240V 16.75" x 2" Swadged  
Tee heater w/48" 4AMP cord  
Replaces: 16-08126



A2550-2302BH  
5.5KW 240V 16" x 1.5" Continental Liesure  
w/box & high limit only. Replaces 16-08160



A2550-0012  
5.5KW 240V 16" x 2" x 1.5" Action Tee housing and  
element only.



16-08148  
5.5KW 240V 14.5" x 1.5" Htr Assy w/box only



A1150-2350-B  
1.5KW 120V 13"x 1.5" Cal Spa & Seven Seas  
w/thermostat and high limit. Replaces 16-08102  
16-08105- Includes Air switch

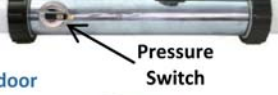


A2550-2000-B  
5.5KW 240V 13" x 1.5" Country Liesure Swadged Tee  
housing and element only  
A2400-2000-B 4KW Version  
A1150-2000-B 1.5KW Version



20-08311- 5.5KW 240V 15" x 3" Dynasty w/split cord &  
pressure switch

indoor  
use  
only



20-08535- 5.5KW 240V 15" x 2" 7-Seas htr w/PS  
20-08571- 4.0KW 240V 15" Gecko w/PS (20-08573)



20-08574- 5.5KW 240V 15" Emerald w/split cord  
& pressure switch. Replaces: C2550-0066BC



20-08545- 4.5KW 240V 15" Hydroquip (no cord)  
20-08555- 5.5KW 240V 15" Hydroquip (no cord)



20-08575- 5.5KW 240V Dakota spas (w/amp cord)  
20-08576- 5.5KW 240V 15" Brett (w/split cord)

indoor  
use  
only



Replaces: C2400-0317B (Nordic)  
20-08520- 4.0KW 240V 12" Marquis (w/split cord)

Replaces: 20-08514 / 20-08514-RD / 20-08521  
20-08523- 4.0KW 240V 12" Dakota (w/amp cord)



## Deluxe Heaters (indoor use only)



**24-08605**  
5.5KW 240V Self controlled Deluxe heater assy. 9.5" x 15.5" Pressure switch, thermostat, contactors & light. Replaces: B2550-08540  
**24-08605-TI-** 5.5 KW Titanium version  
**24-08610-** 10KW version  
**24-08610-TI-** 10KW Titanium version  
**B-4003-** housing only



**B2550-08540**  
5.5KW 240V 10" self control. PS/thermo. Cont H/L. Rpl: 24-08540.(**B2550-08500** Man. Elemt , box only)  
Rpl: 24-08455 / 24-08450  
**B-4003-** housing only



**B2550-2001ET-1**  
5.5KW 240V 10" x 2" x 2" PDC Heater  
Replaces: B2550-2001 / B2550-2001-1 / B2550-2001-1A / 24-00545  
**B2400-2001ET-** Replaces: B2400-2001-1  
**B2001-** housing only



**B2550-0206**  
5.5KW 240V 10" X 2" X 2" Morgan Heater w/6.5" x 5.5" plate  
Replaces: B2550-0216  
**B0740-** housing only. Non replaceable element



**B2550-4004**  
5.5KW 240V 10" x 3" x 2" Heater w/5" x 5" plate  
**B4004-S1-** housing only



**B2550-2000ET-1**  
5.5KW 240V 10" x 1.5" x 1.5" PDC Heater w/5" x 5" plate .Replaces: B2550-2000 / B2550-2000ET  
**B2000-** housing only



**B2550-0316**  
5.5KW 240V 10" x 1.5" x 1.5" Morgan Heater w/5" x 5" plate. Replaces: B2550-0306  
**B0739-** housing only. Non replaceable element



**24-00155**  
5.5kw 240v. 4" x 10" Deluxe Heater 1.5" in 2" out w/coated element  
**24-04200-** Housing only



**A2550-2602**  
5.5KW 240V 2" Pinnacle "L" Heater  
**A2602-S1-** housing only



**26-00259**  
4.0KW 240V 12" x 3" Maax "L" Heater  
**26-04259-** housing only



**E2400-0004**  
4.0KW 240V 10" x 3" D-1 "Crystal Pure" Heater w/wires



**B2400-0001**  
4.0KW 240V 11" x 3" D-1 Custom Deluxe Heater



**B21100-3000**  
11KW 240V 13" x 1.5" x 1.5" Laars "H" Heater  
Replaces: 26-00210  
**B2550-3000**  
5.5KW 240V Version  
Replaces: 26-00211



**B21100-1000** **B1000-** housing only  
11KW 240V 13" x 2" x 2" SBSG Heater. Dual element  
**B21100-1100** **B1100-** housing only  
11KW 240V Single element version  
**B2550-1001** **B1001-** housing only  
5.5KW 240V Version Single element



**A2550-2601** **A2601-** housing only  
5.5KW 240V Hydroquip Heater  
**A21100-2600** **A2600-** housing only  
11KW 240V Hydroquip Heater

## Elektra Bath Heaters



<b>5.5" Long</b>	<b>1.0KW</b>	<b>1.5KW</b>
	<b>25-15003-01A</b> 120V at 8.3A	<b>25-15003-G3</b> 240V at 6.25A



<b>7.0" Long</b>	<b>25-15003-PDA</b> 240V at 4.1A	<b>25-15003-0D</b> 240V at 6.2A
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<b>5.5" Long</b>	<b>1.0KW</b>	<b>1.5KW</b>
	<b>20-15000-W1A</b> 120V at 8.3A	<b>20-15000-04</b> 240V at 6.2A



<b>7.0" Long</b>	<b>20-15000-PDA</b> 240V at 4.1A	<b>20-15000-PD</b> 240V at 6.2A
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**94-02200-** Bath Heater instruction manual

## Threaded Element Heaters

indoor use only  
Includes thermostat, high Limit & light



**35-16-00240-** 500W 240V 7.5" long element 1-1/4" thread  
**35-16-00147-** 1.5KW 120V 9" long element 1-1/4" thread  
**35-16-00145-** 1.5KW 120V 8" long element 1" thread  
**35-16-00141-** 5.5KW 240V 17" long element 1-1/4" thread  
**35-16-00143-** 5.5KW 240V 14" long element 1" thread

## Vertical Low Flow Heaters



C3314-1  
Sundance Heater 5.5KW 240V  
Plastic "Smart" Heater.



E2550-3314  
5.5KW 240V 13" X 3" Low Flow  
heater w/ wires and fork  
connectors



E2400-0420ET  
4.0KW 240V 13.5" x 3" Saratoga  
Replaces: E2400-0421ET / 20-00540



C2400-C3037-2  
4.0KW 240V Saratoga  
2" x 13.5" with 3/4" barb  
tailpieces.



E2300-0542ET  
3.0KW 240V 13" x 3" Saratoga  
with 3/4" barbs & Dual element  
Replaces: E2300-0321 /  
E2300-0321ET / 20-00542



E2550-0520ET  
5.5KW 240V 13.5" x 3" Country  
Leisure  
Replaces: E2550-0520



E2550-0028C  
5.5KW 240V 10" x 3"  
1" x 1" barb. w/ pressure switch  
and bare cord  
Replaces:  
26-08112 / 26-08116  
26-08103 / 26-08106  
E2400-0028C- 4.0KW Version  
Replaces:  
26-08108 / 26-08118  
26-08119 / 26-08109



26-08235  
3.6KW 240V 15" x 3" Maax  
Dual element. w/pressure switch  
26-08245  
3.6KW 240V 14" x 3"  
High Flow version  
w/1.5" inlet



E2550-0300ET  
5.5KW 240V Gatsby w/pressure  
switch and cords. 7" x 3"  
housing. 10" x 7" overall  
Replaces: 26-08175 / E2550-0301ET  
E2400-0300ET- 4.0KW version  
Replaces: 26-08174 / E2400-0301ET



E2400-1001  
4.0KW 240V 3" x 17.5" Leisure  
Bay Vertical w/wet element  
Replaces: F2400-1001



E2550-0120C  
5.5KW 240V 12" x 3" Dynasty  
w/box & pressure switch  
1" barb, 1" socket  
(amp plug & PS cord included)  
Replaces:  
26-08125 (3/4" barb fitting)  
26-08147 (sunbelt)  
26-08120 (Partial)  
26-08153 (3/4" barb fitting)  
26-08155 (JJ Plug)  
26-08156 (JJ Plug /coated elem)  
26-081214- 4.0KW Version  
Repl: 26-00155 / 26-08145 /  
26-08146 / 26-08159  
26-08157 (3/4" barb fitting)



26-08114  
4.0KW 240V 9.5" x 3" Maax Spas  
w/pressure switch, amp plug  
& cords. 1" barbs  
Replaces:  
26-08115 / 26-08102  
26-08116- 3.0KW Version



E2550-0029C  
5.5KW 240V 9.5" x 3"  
w/pressure switch  
Replaces: 26-08107 /  
26-00107



E2400-0007  
4.0KW 240V NU Wave heater  
9.5" x 3" x 1.5"  
Replaces: 20-00514



E2400-0004  
4KW 240V 10" x 3" D-1 Crystal  
Pure heater  
Replaces: 48-3600-40-004  
E2200-0004  
2.0KW Version

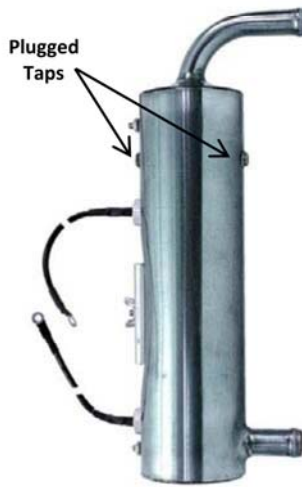
## Vertical Low Flow Heaters



E2550-0351ET  
5.5KW 240V 9" x 3" SBSG  
with 1" barb  
Replaces: E2550-0351  
E2400-0351ET- 4.0KW Version  
Replaces: E2400-0351



26-00257  
4.0KW 240V 10" x 3" Maax,  
Savannah LO FLO htr.  
Replaces: 26-00254  
26-00255- 5.5KW Version



Plugged  
Taps

E2450-0127ETX  
4.5KW 240V 11" x 3" DM, Vita Spa.  
w/two pressure taps  
Replaces:  
E2450-0127ET / E2450-1127ET

E2400-0127ETX- 4.0KW Version  
Replaces:  
E2400-0127ET / E2400-1127ET  
E2400-0126ET / E2400-0026 /  
E2400-1127

E2300-0127ETX- 3KW Version  
Replaces:  
E2300-0127ET / E2300-0126ET



E2550-0114ET  
5.5KW 240V 13" x 3" Artesian,  
Majestic w/bulkhead coated  
element w/box & cord  
Replaces: E2550-0114 /  
E2550-0014 / C2550-0014ET  
E2400-0114ET- 4KW Version  
Replaces: E2400-0114 /  
E2400-0014 / E2400-0014ET /  
48-3600-40-014



E2550-1000  
5.5KW 240V 13" x 3.5"  
Sundance With 3/4" barb in 304  
Replaces: C2783-1



Pressure  
Tap

E2550-0202ET  
5.5KW 240V 9" x 3" Gatsby,  
Hurricane & Leisure Bay Vertical  
LO FLO w/1" barb & 12" wires  
(coated element)  
Replaces: E2550-0202-1 /  
E2550-0202 / E2550-0202ET-1 /  
E2550-0204 / E2550-0204ET /  
E2550-0102ET / 26-00141  
E2400-0202ET- 4.0KW Version  
Replaces: E2400-0202-1 /  
E2400-0204 / E2400-0204ET



2 T-wells

E2550-0001  
5.5KW 240V 11" x 3" Caldera  
Replaces: 48-3300-40-001  
E2200-0001  
2.0KW Version



E2400-0003  
4.0KW 240V 10" x 3" D-1 Spas  
"SLCV". With 3/4" barb  
Replaces: 48-3600-40-003

E2200-0003  
2KW Version

Pressure  
Tap



Pressure  
Tap

E2550-020XET  
5.5KW 240V 9" x 3" Pinnacle,  
Leisure Bay Hurricane Vertical LO  
FLO. w/1" barb & wire studs  
(coated element)  
Replaces: E2550-020X /  
E2550-020X-1 / 26-00100 /  
48-3300-40-020



E2550-0101  
5.5KW 240V 11" x 3" Caldera  
Replaces: E2550-0101ET  
E2400-0101- 4.0KW Version  
Replaces: E2400-0101ET /  
48-3300-40-101



E2550-0012  
5.5KW 240V 11" x 3" SBSG  
Vertical LO FLO heater  
E2400-0012- 4KW Version  
E2300-0012- 3KW Version



Pressure  
Tap

E2400-0021-NP  
4.0KW 240V 10" x 3" Clearwater  
Spas w/1" barb  
Replaces: E2400-0021ET /  
E2400-0021 / E2400-0021ET-1 /  
26-00110  
E2400-0221

Same as above with 3/4" barb



E2550-0115ET  
5.5KW 240V 13" x 3" Artesian,  
Majestic Vertical LO FLO  
w/bulkhead coated element  
Replaces: E2550-0115 /  
E2550-0015 / E2550-0015ET  
E2400-0115ET- 4.0KW version  
Replaces: E2400-0115 /  
E2400-0015 / E2400-0015ET



E2400-0027  
4KW 240V 10" x 3" Pinnacle  
Vertical LO FLO



E2400-0201ET  
4.0KW 240V 11" x 3" Caldera  
Replaces: E2400-0201



Inlet

E2550-0203ET  
5.5KW 240V Gatsby  
Replaces: E2550-0203  
E2400-0203ET- 4.0KW Version  
Replaces: E2400-0203

## *1" Tube Heater Replacement*

F2550-4002

5.5 KW 120/240V 1" X 30" CAL HEATER (obsolete) Replace with 4KW Comfort Line Heater [C3554-3](#).

C3554-1

1.2 KW 120/240V 18" Comfort Line heater w/26" cord. Minimum flow rate 10 GPM.

C3554-2

2.7 KW 120/240V 41" Comfort Line heater w/26" cord. Minimum flow rate 10 GPM.

C3554-3

4.0 KW 120/240V 41" Comfort Line heater w/26" cord. Minimum flow rate 10 GPM.

C3226-1A

4KW 120/240V 26" x 6" trombone style with built in thermal switch. 26" 3-wire pig tail cord. SEH-4300-NHCW-6699

C3473-1

4KW 120/240V 26" x 6" trombone heater w/24" pigtail cord and off angle water box w 3/4" barb and pressure switch cord. IHH-4300-NHW-7340 / SEH-4300-NHW-6595

C3556-1

5.5KW 120/240V 26" x 6" dual element trombone heater that attaches to the Laing pump. W/3' cord and specialty plug. Comes with RPL5-6300K pump adaptor kit. PEH-4326-NHW-6000 / PEH-5526-NHW-6388

C3556-2

4KW 120/240V 26" x 6" dual element trombone htr that attaches to Laing pump. w/ 3' cord replaces -6388 "special large radius bend" heater. Includes RPL5-6300K pump adpt kit. (See wiring diagram on tech. page) PEH-5526-NH-6742 / PEH5526-NH-6340 / PEH-5556-NHW-6388

C3474-1

4KW 120/240V 19" x 10" x 11" Low profile squareback style heater w/3' amp cord and pressure switch w/cord. Minimum flow rate 10 GPM @ 2psi.

C3238-1A

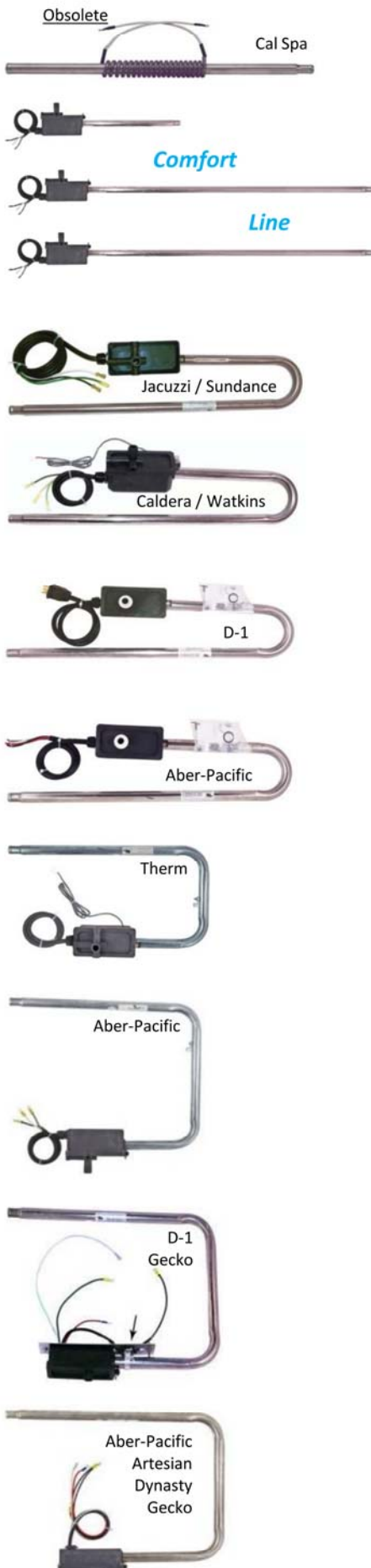
5.5KW 120/240V 20" x 16" x 14" Squareback style heater w/ 32" pigtail cord. SEH-5500-NHCW-6938

C3550-1

5.5KW 120/240V size 21" x 14.5" dual element squareback "Bay Spa" Htr that wraps around the GECKO "M" class control box. 4-wire hook up w/thermal disc & plate. SHH-5500-NH-6871 / SHH-5200-NH-6785 / NHH-5500-NH-7328 SHH-5500-NH-6771

C3549-1

5.5KW 120/240V 21" x 14.5" dual element squareback style 4-wire tube heater that wraps around the GECKO "M" class control box. (See wiring diagram on tech page) SHH-5500-NH-6727 / C3242-1A



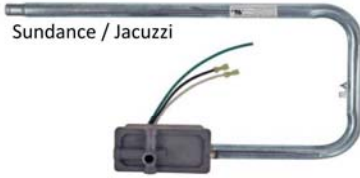
## Low Flow Tube Heaters



Artesian  
Atera  
Hydro Quip  
Santa Barbara  
LA Spas

C3236-1A

4.0KW 120/240V 26" x 14" squareback with 26" cord- pigtail ends. Pressure switch tap on side is plugged.  
SEH-5500-NHW-6676 / SEH-5500-NHW-7007 /  
PEH-5526-NHW-6938 / SEH-4100-NHCW-7130 /  
SHH-5500-NH-6739 / SEH-5500-NHW-6692 / 7154  
SEH-5500-NHW-6652 / SEH-5500-NHCW-6632



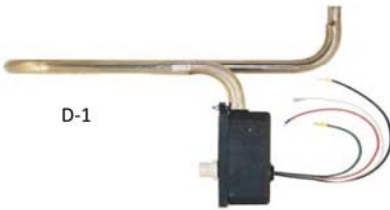
Sundance / Jacuzzi

C3229-1A

5.5KW 120/240V 23" x 10" x 15" Squareback 3-wire w/spade connectors & built in thermal cut-out. Can use [#C3229-1A](#) htr and change the wire connectors. (Sundance & Jacuzzi) SEH-5500-NH-6698

C3229-2A

Use [#C3229-2A](#) heater for Jacuzzi only. w/fork connectors. Up through model year 2007. SEH-5500-NH-6699



D-1

C3548-1

5.5KW 120/240V dual element has built in thermal cut-out & 4-wire.  
SEH-5500-NHC-7300 / SEH-5200-NH-6757 / SEH-5500-NH-6144



Obsolete

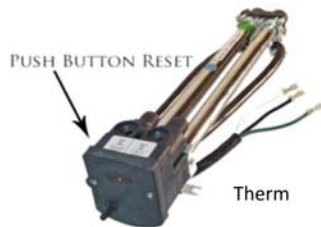
Laing

7211 (OBS)

6KW 120/240V IHH-6000-NHCW-7211.0 "Triple Bend" aka "Trumpet" Laing heater has been replaced by [#C3564-1](#) heater w/manual push button high limit.

6758 (OBS)

4KW 120/240V IHH-4000-NHCW-6758 "Triple Bend" aka "Trumpet" Laing heater has been replaced by [#C3564-2](#) heater w/manual push button high limit.



Therm

C3564-1

6KW 120/240V Heater with push button high limit.  
IHH-6000-NHCW-6759 / IHH-6000-NHCW-7211.0

C3564-2

4KW 120/240V Heater w/push button high limit .  
IHH-4000-NHCW-6758



Watkins

C3160-1

6KW 120/240V "PDR" Heater with automatic reset high limit.

C3160-2

4KW 120/240V "PDR" Heater with automatic reset high limit.

## Manifolds



A2020  
13" x 1.5" New std hsg-Twell



A2213  
14" x 1.5" Herc. Hsg



A2103  
15.75" x 1.5" Cont Leis hsg



A2216  
17" x 1.5" Herc. Hsg.



A23FP  
17" x 1.5" Sundance std. hsg.



A2314  
17.5" x 2" slip-slip htr hsg



A0013-S1  
17.69" x 2" PDC repl hsg



16-04109  
18.5" x 2" Std htr hsg



A2214  
22" x 1.5" Herc hsg.



24-02200  
Deluxe 4" heater housing. 10" x 5.5"  
1.5" and 3" IN/OUT. 2 Thermo-wells  
For self controlled heater



B2000  
Deluxe 3" heater housing 10" x 5"  
1.5" IN/OUT.



B1001  
11" x 3" OD SBSG housing



22-02301  
Coates "H" Htr Housing 7.5" x 15.5"  
x 1.5". W/1" NPS Female threads at "H" end.



A2601  
Hydroquip "U" housing for single element 5.5KW  
model. 13" x 9" x 2"



A2600  
Hydroquip "U" housing for dual element 11KW  
model. 13" x 9" x 2"



C0019-S1  
Sundance & Marquis High Flow Curved Housing.  
15" x 6" x 2"



A0008  
17" x 1.5" Cal Spa Loop w/ Hayward fitting  
A0007- w/standard fitting



B-4200- 11.75" x 3"  
Watkins w/two 1/2" barbs



B-4201  
Watkins w/two 3/4" barbs  
& 1/4" drain



CXXXX- 11" x 2" Universal  
w/moveable bands & 5 taps



C2210-S1- 12" x 2"  
SBSG/Sundance



C1004-S1- 12" x 2"  
Applied Computer Controls



C1206-S1- 13" x 2"  
United Spas



C-5000-P- 15" x 2" Universal  
w/moveable studs & 5 taps



C0313-S1- 15" x 2"  
New Wave/West Coast



C0304-S1- 15" x 2"  
ACC/Hydroquip/Brett



C5003-C- 15" x 2"  
Fits Gecko M & S spa packs



C0807-S1- 15" x 2"  
Balboa Style dual sensor



C0809-S1- 15" x 2"  
Balboa "LE" style



C0535-S1- 15" x 2"  
Balboa 1st generation



C1227-S1- 15" x 2"  
United Spas



C0056-S1- 15" x 2"  
SBSG/Sundance



C0028-S1- 15" x 2"  
Vita Spas



C0001-S1- 15" x 2"  
Tube w/drywells. Replaces: C0002-S1



C0000-S2- 15" x 2"  
Tube w/drywells

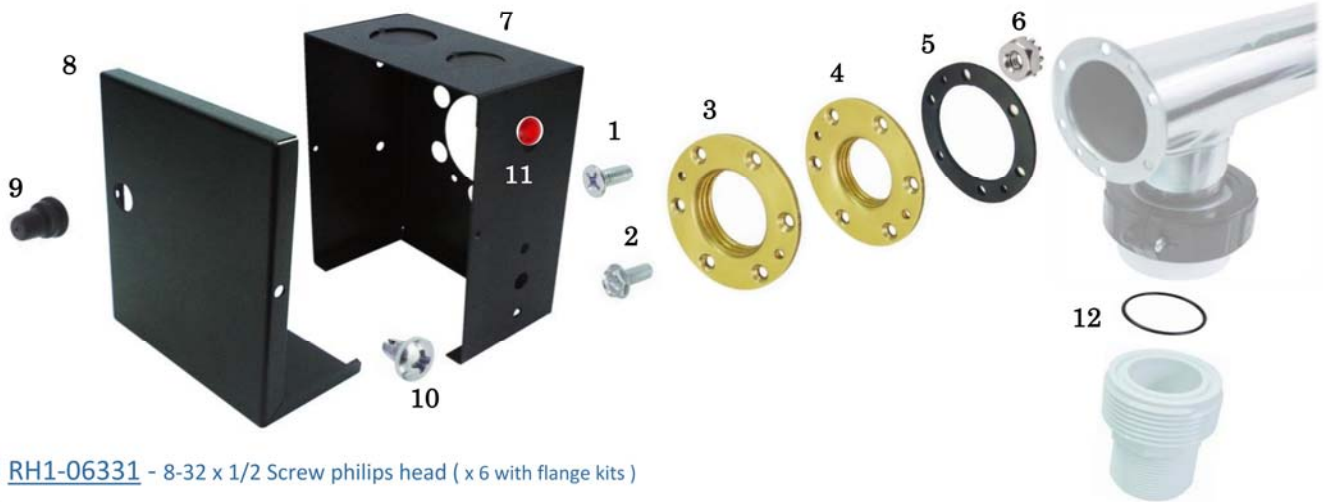


C0008-S1- 17" x 2"  
Vita Spas



C0013- 19" x 2"  
NuWave/West Coast

## Hardware



- 1) [RH1-06331](#) - 8-32 x 1/2 Screw philips head ( x 6 with flange kits )
- 2) [RH1-06090](#) - 10-32 x 1/2 Screw standard head ( x 6 with gasket kit )
- 3) [20-0152A](#) - 1 1/4" Threaded brass flange adaptor
- 4) [20-0151A](#) - 1" Threaded brass flange adaptor
- 5) [RMG-03-654](#) - Flat Heater Gasket
- 6) [RH3-0638S](#) - 8-32 Hex Kep nut SS ( x 6 with flange kits )
- 7) [20-0586](#) - 4" x 4 3/4" Standard enclosure box
- 8) [20-0587](#) - 4" x 4 3/4" Standard box lid
- 9) [44-02914](#) - Rubber boot High-limit cover
- 10) [RH1-06314](#) - 8-32 x 1/4" self-tap screw
- 11) [70-18123](#) - Indicator light- 240V w/red lens
- 12) [RPL2-15-202C](#) - Tailpiece 1 1/2" MBT x 1 1/2" MPT w/o-ring

### Kits

[40-61300](#) (1, 5 & 6)  
Gasket kit for Standard Heater

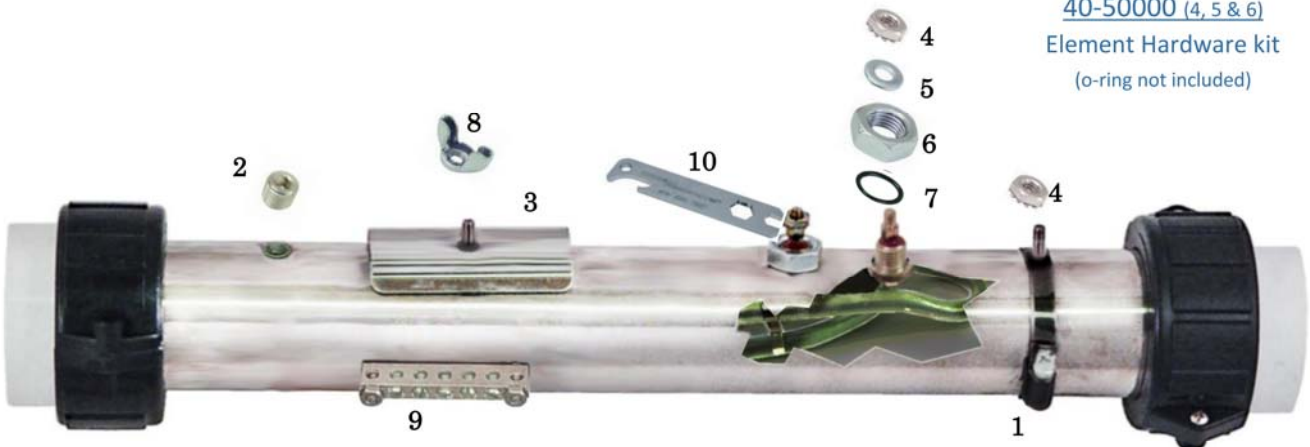
[20-0152](#) (1, 3, 5 & 6)  
1 1/4" Brass Flange Kit

[20-0151](#) (1, 4, 5 & 6)  
1" Brass Flange Kit

- 1) [40-08004-S1](#) - 3" Worm clamp. Fits 3" & 2" tubes.
- 2) [RME-4452K541](#) - 1/8-27 304SS Hex socket plug
- 3) [00503D](#) - 2 7/8" Thermal cover
  - a) [00503C](#) - 4 3/4" Thermal cover
  - b) [00503](#) - 6" Thermal cover
  - c) [005379](#) - 2 5/16" Thermal Cover
- 4) [RH3-0608S](#) - 10-32 Hex Kep nut
- 5) [RH4-40-08010](#) - Washer- Flat #10. SS
- 6) [RH3-06030](#) - 1/2-20 Hex Jam nut. Zinc
- 7) [RMG-01-687](#) - Element o-ring
- 8) [RH3-06460](#) - Wing nut, 10-32. (for T-well cover on flow thru htrs)
- 9) [40-50037](#) - 7 post ground bar
- 10) [SSW-WRENCH](#) - Heater element tool. Fits hex stud and 10-32 Hex Kep nut

### Kit

[40-50000](#) (4, 5 & 6)  
Element Hardware kit  
(o-ring not included)



## Gaskets, Nuts, and Tails

### 3" Heaters



RPL2-25-212  
2.5" Tailpiece x 2.5" SKT



RPL2-25-223  
2.5" Tailpiece x 2" SKT



RPL2-25-211  
2.5" Tailpiece x 1.5" SKT



86-02392  
2.5" Tailpiece x 1" SKT 90°



RPL2-25-214  
2.5" Tailpiece x 1" 90° barb



RPL2-25-215  
2.5" Tailpiece x .75" 90° barb



RPL2-25-216  
2.5" Tailpiece with 1" Straight Barb



RPL2-25-217  
2.5" Tailpiece with .75" barb



RMG-02-674  
3" Gasket w/o-ring rib  
Actual O.D. 3-1/4"



86-02360B  
3" Uni-nut retainer.  
Actual O.D. 3-1/2"



86-02370  
3" Uni-nut for flo thru/low flo tubes  
Actual I.D. 3-1/4", O.D. 4"  
(requires retainer)

### 2" Heaters



RPL2-20-209  
2" Tailpiece x 2" SKT



86-02355  
50mm Tailpiece Export pipe size (grey)



RPL2-20-209A  
2" Tailpiece x 1.5" SKT



RPL2-20-255  
2" Tailpiece w/1" 90° barb



RMG-01-652  
2" O-ring. Actual O.D. 2-5/8", I.D. 2-1/4"



RMG-02-652G  
2" Gasket w/o-ring rib.  
Actual O.D. 2-3/4", I.D. 2-1/8"



RPL1-20-208A  
2" Split-nut for flow thru tubes  
Actual O.D. 3-1/4"



86-02335 & 86-02336B  
2" Uni-nut & retainer  
Actual O.D. 3" (uni-nut) &  
O.D. 2.5" (retainer)



### 1.5" Heaters



RPL2-15-202A  
1.5" Tailpiece x 1.5" SKT



RPL2-15-234  
1.5" Tailpiece x 1" SKT



RMG-01-651  
1.5" O-ring  
Actual I.D. 1-5/8", O.D. 2"



RMG-02-651G  
1.5" Gasket w/o-ring rib  
Actual I.D. 1-1/2", O.D. 2-1/4"



20-15204-A4624  
1.5" Grey Split nut  
Actual O.D. 2-3/4"

RPL1-15-205  
(pump fitting on "T"  
bath heaters only)



## Miscellaneous Electronic Parts



70-03028  
Tecmark Air switch for standard heater assembly w/control box. 3" tall



70-02301  
Tecmark #3010 adjustable pressure switch 1-5 lbs. All metal. 3" tall



70-02302  
Tecmark #3010P adjustable pressure switch 1-5 lbs. Plastic thread. 3" tall



RME-PSS-MSPS  
Tecmark #4037P-CX preset 7 lbs locked. All plastic. 2-3/4" tall



RME-PSS-3903  
Hobbs style pressure switch fits Balboa "LE" style heaters. 2" tall  
TecMark P/N's: 3903 & 3902



RME-PSS-8320  
Gecko pressure switch for "M" and "S" class flow thru heaters



70-10102  
Transformer, light 120V-12V 1amp

70-10105  
Transformer, light 240V-12V 1amp



70-06030  
30amp Contactor. 2 pole-240V. Coil-Siemens #45CG0A6

70-06050  
50amp Contactor. 2 pole-240V. Coil-Siemens



70-08850  
High Limit Thermal Disc. Bi-Metal disc 50amp at 240V. Manual reset.



RME-ST430  
Auto reset "TCO" for Cal Spa XL dry exchanger. Low voltage.



RME-215A4908-1  
Auto reset "TCO" for Sundance low flow heaters & Cal wet element heater. 25amp at 250V



RME-215A4909-1  
Manual reset "TCO" 25amp at 250V



70-08312  
Thermostat-cap/bulb 108°F. 12" x 5/16". 25amp at 250V

70-50017  
Thermostat knob



70-08266  
High Limit 12" x 5/16". 25amp at 250V
















70-18123  
Indicator Light -240V w/red lens



RME-30344A  
Seal tight sensor Balboa replacement. 24" cord

# Element Matrix

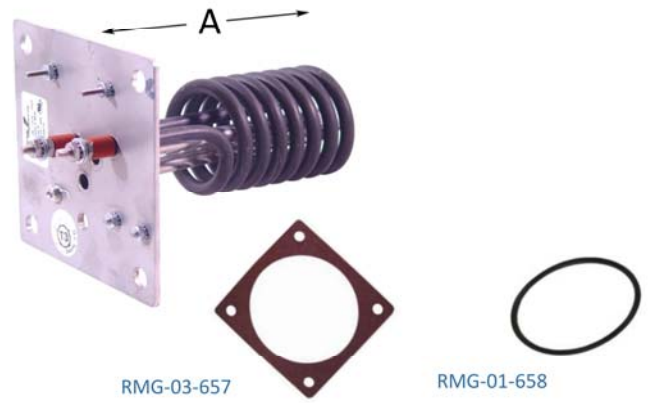
 ← 10"	<b>Balboa Fit</b>	<b>5.5kw</b>	<b>5.0kw</b>	<b>4.5kw</b>	<b>4.0kw</b>	<b>3.0kw</b>	<b>2.0kw</b>
	Incoloy	25-4034-BI	25-4033-BI	25-4031-BI	25-4041-BI	25-4036-BI	25-4026-BI
	Tefel coated	25-4034ET-BI	25-4033ET-BI	25-4031ET-BI	25-4041ET-BI	25-4036ET-BI	25-4026ET-BI
	Titanium	25-4034-BI-TI	25-4033-BI-TI	25-4031-BI-TI	25-4041-BI-TI	25-4036-BI-TI	25-4026-BI-TI
 ← 10.5"	<b>Flow Thru</b>	<b>5.5kw</b>	<b>5.0kw</b>	<b>4.5kw</b>	<b>4.0kw</b>	<b>3.0kw</b>	<b>2.0kw</b>
	Incoloy	25-4034	25-4033	25-4031	25-4041	25-4036	25-4026
	Tefel coated	25-4034ET	25-4033ET	25-4031ET	25-4041ET	25-4036ET	25-4026ET
	Titanium	25-4034-TI	25-4033-TI	25-4031-TI	25-4041-TI	25-4036-TI	25-4026-TI
 ← 10.5"	<b>Flow Thru - cups</b>	<b>5.5kw</b>	<b>5.0kw</b>	<b>4.5kw</b>	<b>4.0kw</b>	<b>3.0kw</b>	<b>2.0kw</b>
	Incoloy w/ cups	70-20655	70-20650	70-20640	70-20638	70-20630	70-20620
	Tefel coat w/cups	70-20655-TE	70-20650-TE	70-20640-TE	70-20638-TE	70-20630-TE	70-20620-TE
	Titanium w/cups	25-4034-TEP	25-4033-TEP	25-4031-TEP	25-4041-TEP	25-4036-TEP	25-4026-TEP
 ← 9"	<b>Center Bulkhead</b>	<b>5.5kw</b>	<b>5.0kw</b>	<b>4.5kw</b>	<b>4.0kw</b>	<b>3.0kw</b>	<b>2.0kw</b>
	Incoloy w/cups	70-20219			70-20218	70-20226	
	Tefel coat w/cups	70-20219-TE			70-20218-TE	70-20226-TE	
	Titanium w/cups	25-41341-TEP			25-41411-TEP	25-41361-TEP	
 ← 9.5"	<b>Low Profile Cntr</b>	<b>5.5kw</b>	<b>5.0kw</b>	<b>4.5kw</b>	<b>4.0kw</b>	<b>3.0kw</b>	<b>2.0kw</b>
	Incoloy	25-41341L			25-41411L	25-41361L	
	Tefel coated	25-41341L-ET			25-41411L-ET	25-41361L-ET	
	Titanium	25-41341L-TI			25-41411L-TI	25-41361L-TI	
 ← 9.5"	<b>Low Profile Std</b>	<b>5.5kw</b>	<b>5.0kw</b>	<b>4.5kw</b>	<b>4.0kw</b>	<b>3.0kw</b>	<b>2.0kw</b>
	Incoloy	25-40341L			25-40411L	25-40361L	
	Tefel coated	25-40341L-ET			25-40411L-ET	25-40361L-ET	
	Titanium	25-40341L-TI			25-40411L-TI	25-40361L-TI	
 ← 12"	<b>Coast Spas</b>	<b>4.0KW</b>					
	Incoloy	25-41412					
	Tefel coated	25-41412ET					
	Titanium	25-41412-TITAN					
 ← 10"	<b>Hairpin Element</b>	<b>5.5kw</b>	<b>4.0kw</b>				
	Incoloy	25-0461	25-0492				
	Tefel coated	25-0461-ET	25-0492-ET				
	Titanium	25-0461-TI	25-0492-TI				
 ← 10"	<b>Hairpin w/cups</b>	<b>5.5kw</b>	<b>4.0kw</b>				
	Incoloy w/ cups	70-20355	70-20340				
	Tefel coat w/cups	70-20355-TE	70-20340-TE				
	Titanium w/cups	70-20355-TEP	70-20340-TEP				
 ← 8"	<b>Bowtie w/cups</b>	<b>1.5kw-120v</b>	<b>937W-120v</b>				
	Incoloy	70-20111	25-4018				
	Tefel coated	70-20111-TE	(NO CUPS)				
	Titanium						
 ← 7"		<b>5.5kw</b>	<b>4.5kw</b>	<b>3.6kw</b>	<b>3.0kw</b>	<b>2.0kw</b>	<b>1.3kw</b>
	Incoloy	25-3053	25-4035	25-4129	25-4028	25-4131	25-4132
	Tefel coated	25-3053ET	25-4035ET	25-4129ET	25-4028ET	25-4131ET	25-4132ET
	Titanium						
 ← 6"	<b>Coast Spas</b>	<b>1.0 kw-240v</b>					
	Incoloy						
	Tefe coated	70-20128-T					
	Titanium						
 ← 4.38"	<b>Shorty</b>	<b>2.0kw-240v</b>	<b>1.0kw-240v</b>	<b>1kw-120v</b>	<b>1.5kw-120v</b>	<b>1.5kw w/cups</b>	
	Incoloy	25-4226	25-4009	25-0483	25-0469	25-0481	
	Tefel Coated	25-4226ET	25-4009ET	25-0483ET	25-0469ET		
	Titanium	25-4226-TI	25-4009-TITAN	25-0483-TI	25-0469-TI		

## Tech Chart

KW	Wattage	Voltage	Ω	Amps
0.5	500	120	28.8	4.2
1.0	1000	120	14.4	8.3
1.5	1500	120	9.6	12.5
1.0	1000	240	57.6	4.2
1.5	1500	240	38.4	6.3
2.0	2000	240	28.8	8.3
2.5	2500	240	23.0	10.4
2.7	2700	240	21.1	11.2
3.0	3000	240	19.2	12.5
3.6	3600	240	16.0	15.0
4.0	4000	240	14.4	16.7
4.5	4500	240	12.8	18.8
5.5	5500	240	10.5	22.9
6.0	6000	240	9.6	25.0
10.0	10000	240	5.8	41.7
11.0	11000	240	5.2	45.8

	<b>2.0kw</b>	<b>1.5kw</b>
<b>6.5" Loop</b>		
Incoloy	25-4020	25-4017

## Element Matrix



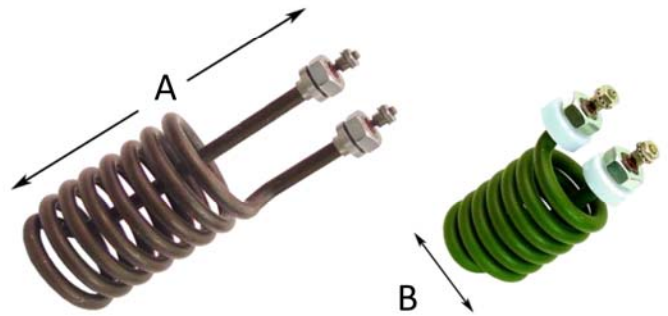
Part #	KW	A= Dim	Tifel Coat	Epoxy Cups	Notes
70-20102	4.0KW-240V.	5.63"		yes	
70-20102-TE	4.0KW-240V.	5.63"	yes	yes	
25-4011	4.0KW-240V.	5.63"			
25-4011ET	4.0KW-240V.	5.63"	yes		
25-5011L-ET	4.0KW-240V.	5.5"	yes		Gatsby
25-5011L	4.0KW-240V.	5.5"			Gatsby
25-4611	4.0KW-240V.	6"			Saratoga
25-4611ET	4.0KW-240V.	6"	yes		Saratoga
25-4088	4.0KW-240V.	3.38"			EM1000
25-4075	5.5KW-240V.	3.38"			EM1000
25-4010L-ET	5.5KW-240V.	5.63"			25-4010
25-4010ET	5.5KW-240V.	5.63"	yes		
70-20100-T	5.5KW-240V.	5.63"	yes		
70-20100	5.5KW-240V.	5.63"		yes	
25-5010L-ET	5.5KW-240V.	5.5"	yes		Gatsby
25-5010L	5.5KW-240V.	5.5"			Gatsby
25-4610	5.5KW-240V.	6"	yes		Saratoga
25-4610ET	5.5KW-240V.	6"			Saratoga
25-4087	7.0KW-240V.	5.63"			EM1000
25-4097	11.0KW-240V.	8"			

Part #	KW	A Dim	Tefel Coat	Co.
25-1470-1	5.5kw-240v	6"		HQ/Brett
25-1470-1ET	5.5kw-240v	6"	Yes	HQ/Brett
25-1470-1PLO	5.5kw-240v	6"		HQ/Brett
25-1470ET-1PLO	5.5kw-240v	6"	Yes	HQ/Brett
25-1467	5.5kw-240v	6.5"		West Coast
25-2602	5.5kw-240v	7.5"		Grt Northern
25-1472	5.5kw-240v	6.5"		PDC-Deluxe
25-1472-1	5.5kw-240v	6.5"		PDC-Deluxe
25-1472ET	5.5kw-240v	6.5"	Yes	PDC-Deluxe
25-1472ET-1	5.5kw-240v	6.5"	Yes	PDC-Deluxe
25-0495ET	4.0kw-240-v	6.5"	Yes	PDC-Deluxe

\* -1PLO version comes with nuts, bolts & o-ring



RMG-01-218SQ- 1" Screw plug gasket



Part #	KW	A=Plug MPT	B Length	Dry Wells
25-3011	1.5KW-120V.	1"	7"	2ea. 5/16"
25-3010-4	4.0KW-240V.	1"	11"	2ea. 5/16"
25-3007-1	5.5KW-240V.	1"	8"	none
25-3007G	5.5KW-240V.	1"	10"	none
25-3010	5.5KW-240V.	1"	11"	2ea. 5/16"
25-3010-1	5.5KW-240V.	1"	9"	2ea. 5/16"
25-3016-1.5	1.5KW-120V.	1-1/4"	7.38"	2ea. 5/16"
25-3016-4	4.0KW-240V.	1-1/4"	13.38"	2ea. 5/16"
25-3016PS-4	4.0KW-240V.	1-1/4"	10.88"	D-1 drain
25-3016	5.5KW-240V.	1-1/4"	13.38"	2ea. 5/16"
25-3016PS	5.5KW-240V.	1-1/4"	15.38"	D-1 drain

Part #	KW	A= Dim	B=Dim	Epoxy Cups	Tifel Coat
70-20025	2.5KW-240V.	5"	2"		
70-20030	3.0KW-240V.	4"	2"		
70-20041	4.0KW-240V.	5"	2"	yes	
70-20041-TE	4.0KW-240V.	5"	2"	yes	yes
25-0467	5.5KW-240V.	5.5"	2.5"		
70-20056	5.5KW-240V.	3.5"	2"	yes	
70-20056-T	5.5KW-240V.	3.5"	2"		yes
70-20056-TE	5.5KW-240V.	3.5"	2"	yes	yes
25-3550-55	5.5KW-240V.	6"	2.5"	Purex	
25-3500-55	5.5KW-240V.	6"	2.5"	LAARS	
25-0605-TI	5.5KW-240V.	6.5"	2.5"		Titanium
25-0610-TI	10.0KW-240V.	7.5"	2.5"		Titanium
70-20070-X	10.0KW-240V.	7.5"	2.5"		
25-3550-11	11.0KW-240V.	10.5"	2.5"	Purex	
25-3500-11	11.0KW-240V.	10.5"	2.5"	LAARS	

## Elements (cont.)



**25-24042**  
Sundances 5" x 12" Plastic High flow  
no cord



**25-34010**  
5.5KW 240V Teledyne/Laars/Spa Works Element



**25-1586-TI**  
4KW 240V D-1 Crystal Pure Titanium replacement  
element  
Replaces: 25-1586-0001 / 25-1586-0102  
**25-14010**  
Hydroquip 5" x 9" AP-1



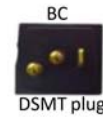
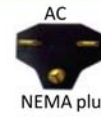
**25-1480**  
5.5KW 240V Aqua Heat Element  
w/ gaskets and plate



**25-1481**  
11KW 240V 15" w/3" x 3" square plate  
Raypack



**25-1463-430AC**  
2.5KW 240V Watkins 2.5" x 4" plate  
w/NEMA plug  
**25-1463-430BC**  
2.5KW 240V Watkins w/DSMT plug  
**RMG-03-679-** 4" x 2" cork gasket  
**RMG-01-680-** o-ring



**25-1464-430AC**  
1.5KW 120V Watkins 4" x 4" plate w/NEMA plug  
**25-1464-430BC**  
1.5KW 120V Watkins w/DSMT plug  
**RMG-03-6022-** 4" x 4" cork gasket  
**RMG-01-6023-** o-ring

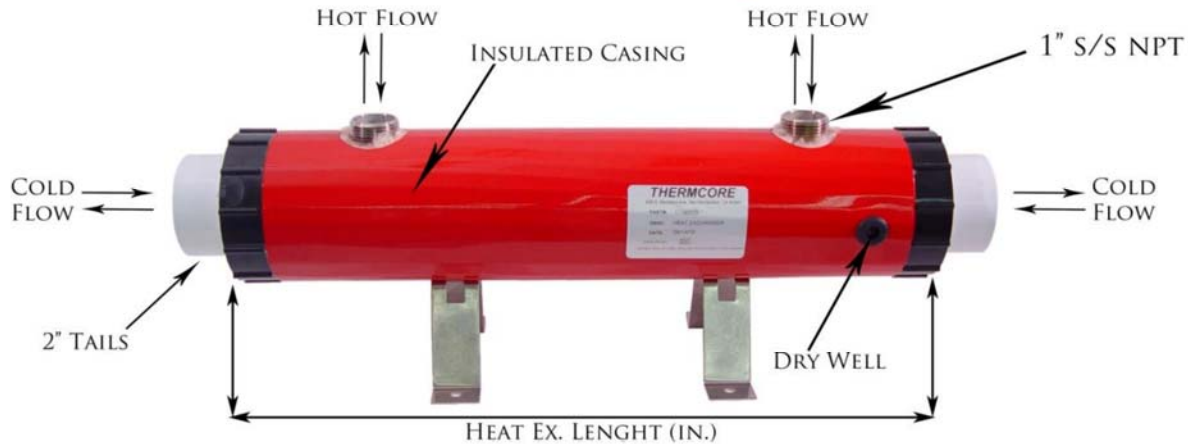


**25-2477**  
6KW 240V 7" w/4" x 4" square plate  
Dual element Baker-Hydro  
**25-2477-9**  
9KW 240V version



**25-1461**  
5.5KW 240V 10.5" w/2.75" dia round plate  
**25-1465**  
1.5KW 120V version

## Stainless Heat Exchanger



Part #	Size	Thermal Output			Hot Water		Pool/Spa water		Heat EX. Length (in.)	Surface Area (Sq. in.)
		Kcal	KW	BTUs	GPM	Pressure Drop (PSI)	GPM	Pressure Drop (PSI)		
17-00320	18	21	72,000	3	1.0	15	1.5	18.8	178.0	
17-00328	26	30	104,000	4	1.0	20	2.5	22.1	238.2	
17-00340	38	44	152,000	6	1.5	30	4.0	26.6	309.6	
17-00362	60	70	240,000	10	3.5	50	5.0	35.6	458.4	
17-00392	90	105	360,000	15	10.0	80	6.0	48.0	670.7	

\*Thermal output based on 180° F water and 70° F spa water

\*Maximum Working Pressure: 100 BAR

\*Comes with 2" tailpieces standard. See Options for other tailpieces on page 14

\*Maximum Working Temp. : 190° F

## Blowers - All Plastic Housings

### 100 Indoor value series

\*Thermally protected motors



Part #	Hp	Volt	Amps
04-10116	1	120v.	6.8
04-10216	1	240v.	3.5
04-10316	1.5	120v.	8.3
04-10416	1.5	240v.	4
04-10516	2	120v.	10
04-10616	2	240v.	5.8

### 460 Outdoor series

\*Thermally protected motors



Part #	Hp	Volt	Amps
04-46117	1	120v.	6.8
04-46217	1	240v.	3.5
04-46317	1.5	120v.	8.3
04-46417	1.5	240v.	4
04-46517	2	120v.	10
04-46617	2	240v.	5.8

### 560 Outdoor series

\*Thermally protected motors



Part #	Hp	Volt	Amps
04-56117	1	120v.	6.8
04-56217	1	240v.	3.5
04-56317	1.5	120v.	8.3
04-56417	1.5	240v.	4
04-56517	2	120v.	10
04-56617	2	240v.	5.8



\*Thermally protected motors

Part #	Hp	Volt	Amps
70-01455	1	120v.	6.8
70-01668	1	240v.	3.5
70-01669	1.5	120v.	8.3
70-01670	1.5	240v.	4
70-01671	2	120v.	10
70-01604	2	240v.	5.8





# Terms and Conditions

## **Product Disclaimer**

All photographs and specifications contained in this catalog, are based on the most updated information available at the time of printing. Therm Products reserves the right to discontinue products, change materials, specifications, part numbers, and pricing at anytime without prior notice.

Always follow the factory provided, or the OEM spa Mfg.'s instructions, when installing our products. Never recommend or approve the installation of Therm Products assemblies, or components, into a dangerous situation or environment.

## **Terms of Sale**

Possession of this catalog doesn't constitute the right to purchase from Therm Products. All product sales are cash in advance, until credit terms are established. Merchandise will be invoiced at the prices in effect, at the time of shipment. Cash discounts only apply to accounts which are current, and do not apply to COD orders.

## **Pricing and availability**

Please contact your local Therm Products distributor for current pricing, and product availability.

## **Order Minimums**

All orders must meet an order minimum of \$50 usd.

## **Shipments**

All product pricing is F.O.B. San Bernardino California. Product availability will be quoted at the time of sale.

## **Warranty Coverage**

For a complete breakdown of warranty guidelines, please refer to the warranty document contained in this catalog. Therm Products reserves the right to change our warranty terms without notice. Therm Products agrees for a reasonable amount of time, to offer replacement parts for the repair of obsolete and discontinued items.

## **Product Returns**

Items claimed to be defective during the warranty period, must be approved for return by Therm Products, and be accompanied by a registered "Return Goods Authorization" number assigned by Therm Products. Unauthorized returns will not be accepted. All freight costs for items returned, will be at the sender's expense, unless otherwise authorized by Therm Products. All items claimed for warranty, must be returned to the factory within 60 days from the registered date of failure, to receive reimbursement.

## **Lost or Damaged Goods**

It is the responsibility of the receiving customer, to thoroughly inspect the product boxes for damage when received. Any and all freight damage must be registered with the driver and/or carrier, immediately upon delivery. Failure to report damage claims, relieves the responsibility and obligation of the carrier, and Therm Products for any compensation. Concealed damage claims must be filed with the freight delivery company within 15 days, from the date of delivery. Note that if there is no indication of damage on the freight bill at the time of delivery, no claim can be made against your carrier.

## **Headquarters, Manufacturing, Customer Service**

Customer service hours: 8-Am to 5-PM pst.  
Shipping / receiving hours 7-Am to 4-PM pst

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# Why Titanium?

Poor water chemistry is damaging to heater elements, particularly when amplified by abuse or neglect. Additionally, fill water that is naturally high in salt, lime and calcium can also promote a slower, but premature death. Below you will learn why titanium provides a superior defense against “adverse” water conditions, and will extend your elements useful life

## Chemical Death

Corrosion is the etching and rusting effect that happens to ferrous metals. As water becomes acidic (low in ph) or overly chlorinated, corrosion is accelerated and your heater element is most at risk. Titanium is not a coating and is non ferrous (less than .03% iron) and therefore will withstand greater chemical punishment, without the pitting, etching, and surface breakdown of typical nickel alloys.

## Mineral Death

Lime & calcium can naturally collect on the element’s surface, and form a white “scale” coating. This insulating layer will slow heat transfer, resulting in lower efficiency, longer run periods, and higher internal temperature. This excess buildup will not let heat escape efficiently, and in time the element will cook itself to death.

## Titanium is the Solution!

Titanium has become the solution to heater longevity, and has long been the best defense against chemical & mineral abuse. Even with today’s salt chlorinating systems, there has been no other material that has improved heater longevity like titanium.

**Titanium doesn’t allow scale to harbor onto the surface.** Titanium naturally produces a dioxide film that continually migrates to the surface, and detaches harmful content. Additionally, titanium’s surface pores do not open when heated, and will not allow harmful chemicals or particles to collect and harbor. This “self scaling” miracle can be verified in your own dishwasher. As heavily concentrated detergents are added weekly, your element remains nearly scale free for years. The best commercial and residential dishwashers are equipped with titanium elements for all these reasons.

**Titanium contains no iron, & therefore cannot rust or corrode.** Given the worst water conditions, titanium can resist pitting, oxidizing, and surface breakdown up to 10 times better than typical nickel alloy elements. Titanium is not magnetic, and will not attract materials that can attach and promote deterioration. Additionally, titanium has an exceptionally low thermal expansion rate, and this will reduce the stress that can cause structural fatigue and fracture.

**Titanium provides your best defense against common recreational water chemicals, and becomes more beneficial and a much better value, when water chemistry is less than perfect!**