

Industrial Tank Heaters

(With Power Cord)

1500 - 4000 watt
Weathertight
Single Phase

SB Models include hi-limit thermostats and carry CSA-C/US approval.



SB Model with power cord; no thermostat



SB Model with thermostat and power cord



SL Model with power cord; no thermostat.



SL Model with thermostat and power cord.

| Ambient Above -20° F | Ambient Below -20° F | Model Number without Thermostat | Model Number with Thermostat (see chart 1) | Volts | Watts | Phase | Amps | Fig.* No. |
|--------------------------------|------------------------------|---------------------------------|--|-------|-------|-------|------|-----------|
| 350 — 500 Cubic Inch or Less | 200 — 300 Cubic Inch or Less | SB115100-000 | SB1151XX-000 | 120 | 1500 | 1 | 12.5 | 2 |
| | | SB115800-000 | SB1158XX-000 | 208 | 1500 | 1 | 7.2 | 2 |
| | | SB115200-000 | SB1152XX-000 | 240 | 1500 | 1 | 6.3 | 2 |
| | | SB115700-000 | SB1157XX-000 | 277 | 1500 | 1 | 5.4 | 2 |
| 500 — 600 Cubic Inch or Less | 300 — 400 Cubic Inch or Less | SB120100-000 | SB1201XX-000 | 120 | 2000 | 1 | 16.7 | 2 |
| | | SB120800-000 | SB1208XX-000 | 208 | 2000 | 1 | 9.6 | 2 |
| | | SB120200-000 | SB1202XX-000 | 240 | 2000 | 1 | 8.3 | 2 |
| 600 — 800 Cubic Inch or Less | 400 — 500 Cubic Inch or Less | SB122100-000 | SB1221XX-000 | 120 | 2250 | 1 | 18.8 | 2 |
| | | SB125800-000 | SB1258XX-000 | 208 | 2500 | 1 | 12.0 | 2 |
| | | SB125200-000 | SB1252XX-000 | 240 | 2500 | 1 | 10.4 | 2 |
| | | SB125700-000 | SB1257XX-000 | 277 | 2500 | 1 | 9.0 | 2 |
| 800 — 1000 Cubic Inch or Less | 500 — 600 Cubic Inch or Less | SL130100-000 | — | 120 | 3000 | 1 | 25.0 | 4 |
| | | SL130800-000 | SL1308XX-000 | 208 | 3000 | 1 | 14.4 | 4 |
| | | SL130200-000 | SL1302XX-000 | 240 | 3000 | 1 | 12.5 | 4 |
| | | SL130700-000 | SL1307XX-000 | 277 | 3000 | 1 | 10.8 | 4 |
| 1000 — 1350 Cubic Inch or Less | 600 — 800 Cubic Inch or Less | SL140800-000 | SL1408XX-000 | 208 | 4000 | 1 | 19.2 | 4 |
| | | SL140200-000 | SL1402XX-000 | 240 | 4000 | 1 | 16.7 | 4 |
| | | SL140700-000 | SL1407XX-000 | 277 | 4000 | 1 | 14.4 | 4 |

*Figure Number refers to technical drawings of heaters located on page 14.

All 208v, 277v and 3000w/120v models come with cord only - no plug.

INSTALLATION TIPS

If you require a 1" NPT female thread on the thermostat intake, a coupler is available. Also, for the use of 3/4" or 1" ID heater hose, hose barb adapters are available. See below.

| Part Number | Description |
|-------------|---|
| HB-1 | 1" NPT to 1" hose barb adapter. Installs in 1" NPT female inlet or outlet of the heater. |
| HB-3/4 | 1" NPT to 3/4" hose barb adapter. Installs in 1" NPT female inlet or outlet of the heater. |
| HB-C | 1" NPT x 1" NPT aluminum coupler. Installs on 1" NPT inlet to T-Stat and allows the addition of HB-1 or HB-3/4. |
| HB-K3/4 | Kit contains (2) HB-3/4 and (1) HB-C |
| HB-K1 | Kit contains (2) HB-1 and (1) HB-C |

CHART 1

HEATERS WITH THERMOSTATS

To specify temperature range of thermostat, insert numerical code from chart in place of the **XX** in model number.

Example:

Desired Temperature Range 100° - 120°F
Catalog Number: Model SB1151**XX**-000
Order as: Model SB1151**10**-000

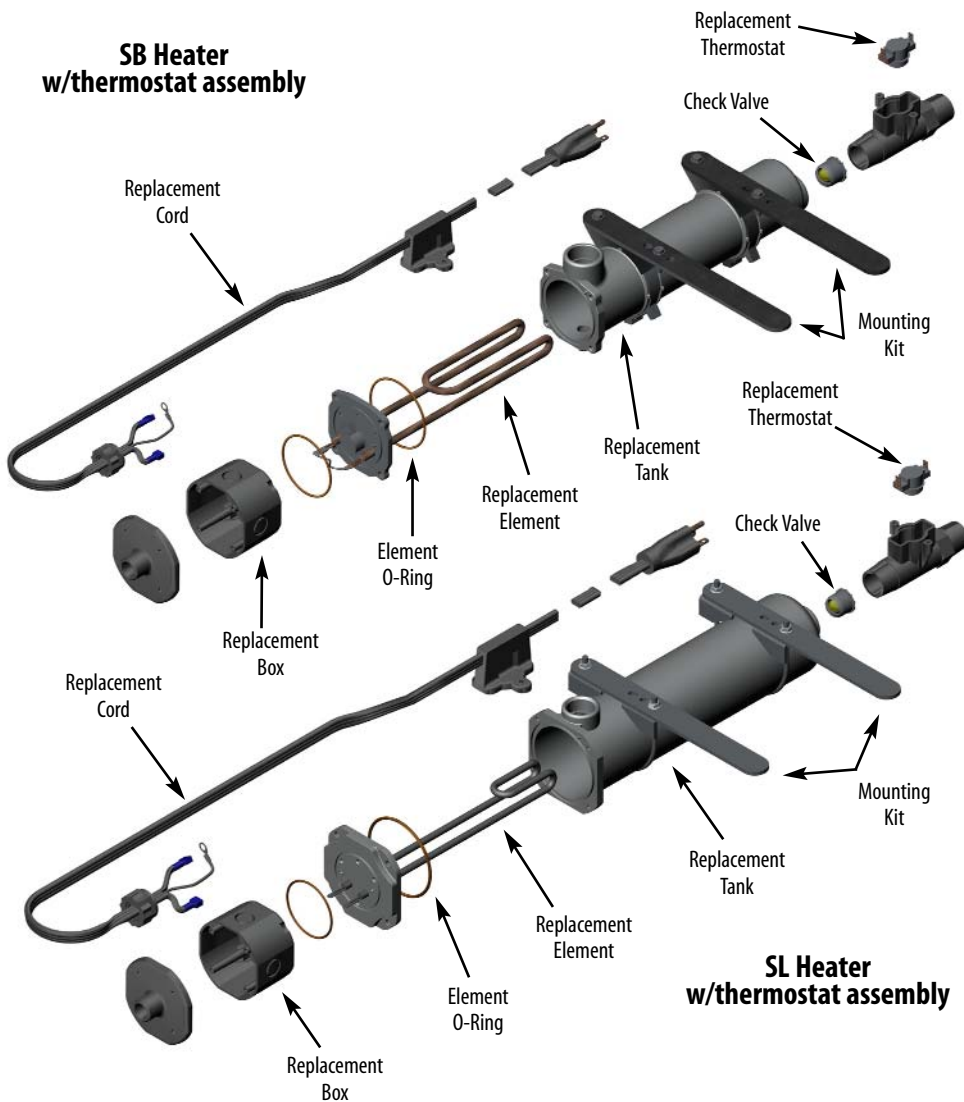
| | TEMPERATURE RANGE | | NUMERICAL CODE |
|-------|-------------------|------|----------------|
| | ON | OFF | |
| | 60°F | 80°F | 06 |
| 80°F | 100°F | 08 | |
| 100°F | 120°F | 10 | |
| 120°F | 140°F | 12 | |
| 140°F | 160°F | 14 | |

Replacement Parts

For tank-style heaters shown on page 10

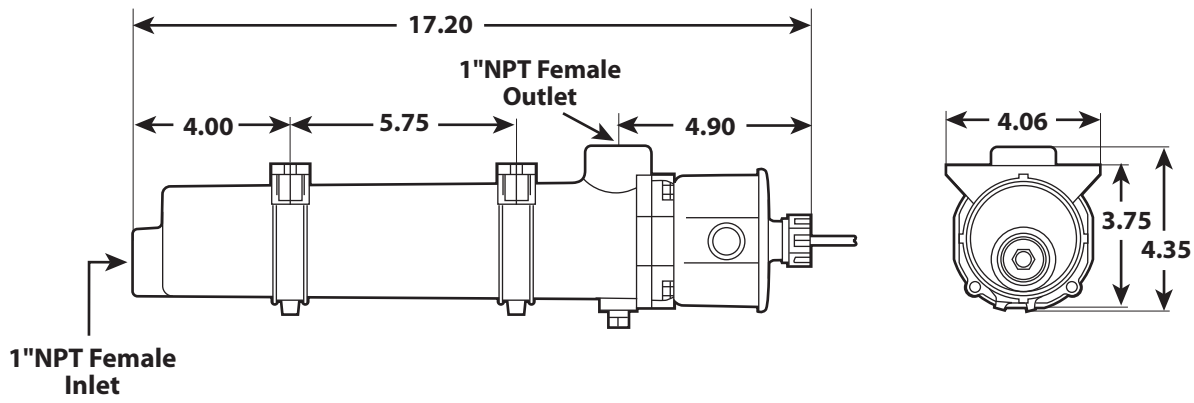
| Model Number | Volts | Watts | Replaceable Parts | | | | | | | |
|--------------|-------|-------|-------------------|------|-------|------------|---------------------------|----------------|-----------|-------------|
| | | | Element | Tank | Box | Power Cord | Power Cord w/T-stat plug* | Element O-ring | Mount Kit | Check Valve |
| SB115100-000 | 120 | 1500 | RESB1151 | RTB | RTBSB | RTHC1-16 | RHS1-16 | TMM-OR | FK2 | RV-M |
| SB115800-000 | 208 | 1500 | RESB1158 | RTB | RTBSB | RTHC-16 | RHS-16 | TMM-OR | FK2 | RV-M |
| SB115200-000 | 240 | 1500 | RESB1152 | RTB | RTBSB | RTHC2-16 | RHS2-16 | TMM-OR | FK2 | RV-M |
| SB115700-000 | 277 | 1500 | RESB1157 | RTB | RTBSB | RTHC-16 | RHS-16 | TMM-OR | FK2 | RV-M |
| SB120100-000 | 120 | 2000 | RESB1201 | RTB | RTBSB | RTHC1-14 | RHS1-14 | TMM-OR | FK2 | RV-M |
| SB120800-000 | 208 | 2000 | RESB1208 | RTB | RTBSB | RTHC-16 | RHS-16 | TMM-OR | FK2 | RV-M |
| SB120200-000 | 240 | 2000 | RESB1202 | RTB | RTBSB | RTHC2-16 | RHS2-16 | TMM-OR | FK2 | RV-M |
| SB122100-000 | 120 | 2250 | RESB1221 | RTB | RTBSB | RTHC1-14 | RHS1-14 | TMM-OR | FK2 | RV-M |
| SB125800-000 | 208 | 2500 | RECB1258 | RTB | RTBSB | RTHC-16 | RHS-16 | TMM-OR | FK2 | RV-M |
| SB125200-000 | 240 | 2500 | RECB1252 | RTB | RTBSB | RTHC2-16 | RHS2-16 | TMM-OR | FK2 | RV-M |
| SB125700-000 | 277 | 2500 | RECB1257 | RTB | RTBSB | RTHC-16 | RHS-16 | TMM-OR | FK2 | RV-M |
| SL130100-000 | 120 | 3000 | RESL1301 | RTL | RTBSL | N/A | N/A | TML-OR | FK6 | RV-M |
| SL130800-000 | 208 | 3000 | RESL1308 | RTL | RTBSL | RTHC-16 | RHS-16 | TML-OR | FK6 | RV-M |
| SL130200-000 | 240 | 3000 | RESL1302 | RTL | RTBSL | RTHC2-16 | RHS2-16 | TML-OR | FK6 | RV-M |
| SL130700-000 | 277 | 3000 | RESL1307 | RTL | RTBSL | RTHC-16 | RHS-16 | TML-OR | FK6 | RV-M |
| SL140800-000 | 208 | 4000 | RESL1408 | RTL | RTBSL | RTHC-14 | RHS-14 | TML-OR | FK6 | RV-M |
| SL140200-000 | 240 | 4000 | RESL1402 | RTL | RTBSL | RTHC2-16 | RHS2-14 | TML-OR | FK6 | RV-M |
| SL140700-000 | 277 | 4000 | RESL1407 | RTL | RTBSL | RTHC-16 | RHS-16 | TML-OR | FK6 | RV-M |

*Order this replacement cord if original heater is configured with a thermostat assembly.

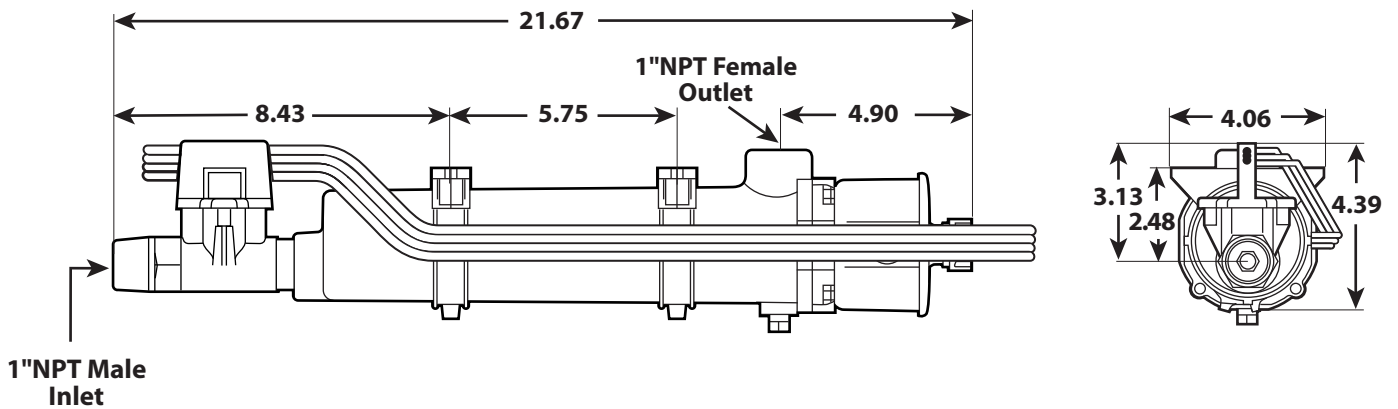


| Heaters with Thermostats | | |
|--------------------------|-------|------------------------|
| Temperature Range | | Thermostat Replacement |
| ON | OFF | |
| 60°F | 80°F | RSU6 |
| 80°F | 100°F | RSU8 |
| 100°F | 120°F | RSU10 |
| 120°F | 140°F | RSU12 |
| 140°F | 160°F | RSU14 |
| Adjustable 90° - 130°F | | RSU90-130 |

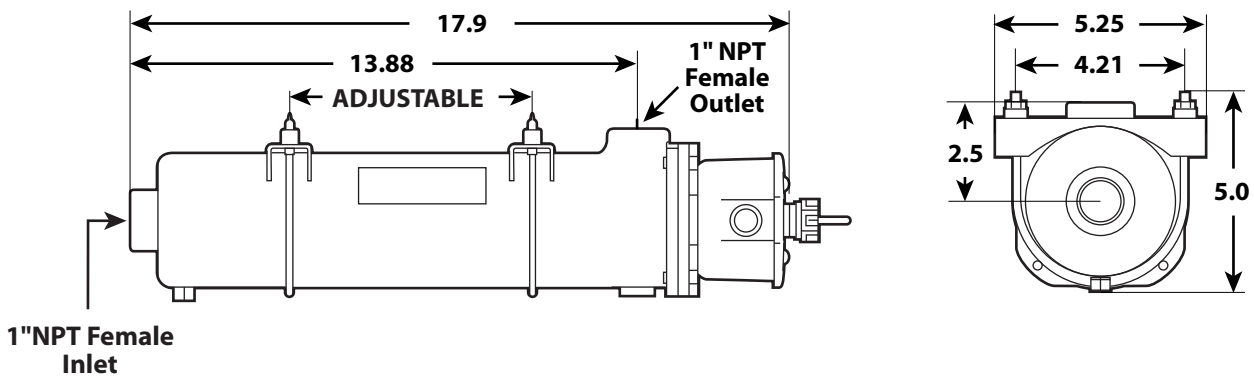
SB Style Heater without thermostat



SB Style Heater with thermostat



SL Style Heater without thermostat



SL Style Heater with thermostat

