

Thermosiphon Engine Heaters

EE Model
Hazardous Location
Single Phase

1500-5000 Watts



EE Model without thermostat



EE Model assembled with thermostat

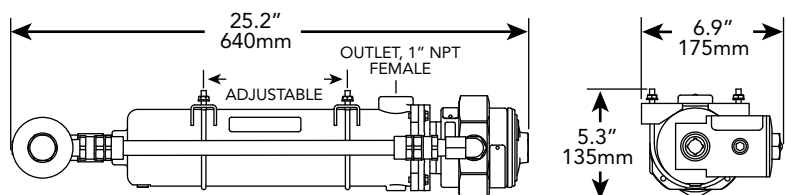
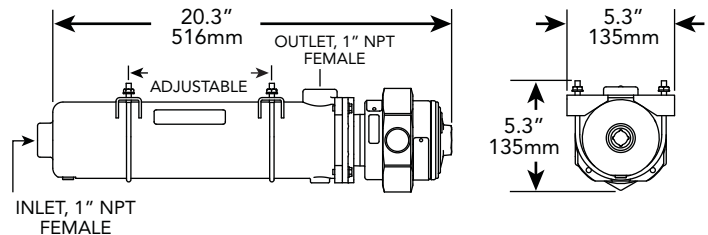
| Engine Displacement | Model Number without Thermostat | Model Number with Thermostat | Volt | Watt | Phase | Amp |
|--------------------------------|---------------------------------|------------------------------|------|------|-------|------|
| 500cid or less 8.2L or less | EE115100-000 | EE115110-000 | 120 | 1500 | 1 | 12.5 |
| | EE115800-000 | EE115810-000 | 208 | 1500 | 1 | 7.2 |
| | EE115200-000 | EE115210-000 | 240 | 1500 | 1 | 6.3 |
| | EE115700-000 | EE115710-000 | 277 | 1500 | 1 | 5.4 |
| | EE115400-000 | EE115410-000 | 480 | 1500 | 1 | 3.1 |
| 500 - 600cid 8.2 - 9.8L | EE120100-000 | EE120110-000 | 120 | 2000 | 1 | 16.7 |
| | EE120800-000 | EE120810-000 | 208 | 2000 | 1 | 9.6 |
| | EE120200-000 | EE120210-000 | 240 | 2000 | 1 | 8.3 |
| | EE120300-000 | EE120310-000 | 380 | 2000 | 1 | 5.3 |
| | EE120400-000 | EE120410-000 | 480 | 2000 | 1 | 4.2 |
| | EE120500-000 | EE120510-000 | 575 | 2000 | 1 | 3.5 |
| 600 - 800cid 9.8 - 13.1L | EE125800-000 | EE125810-000 | 208 | 2500 | 1 | 12.0 |
| | EE125200-000 | EE125210-000 | 240 | 2500 | 1 | 10.4 |
| | EE125700-000 | EE125710-000 | 277 | 2500 | 1 | 9.2 |
| | EE125300-000 | EE125310-000 | 380 | 2500 | 1 | 6.6 |
| | EE125400-000 | EE125410-000 | 480 | 2500 | 1 | 5.2 |
| 800 - 1000cid 13.1 - 16.4L | EE130800-000 | EE130810-000 | 208 | 3000 | 1 | 14.4 |
| | EE130200-000 | EE130210-000 | 240 | 3000 | 1 | 12.5 |
| | EE130700-000 | EE130710-000 | 277 | 3000 | 1 | 10.8 |
| | EE130400-000 | EE130410-000 | 480 | 3000 | 1 | 6.3 |
| | EE130500-000 | EE130510-000 | 575 | 3000 | 1 | 5.2 |
| 1000 - 1350cid 16.4 - 22.1L | EE140800-000 | EE140810-000 | 208 | 4000 | 1 | 19.2 |
| | EE140200-000 | EE140210-000 | 240 | 4000 | 1 | 16.7 |
| | EE140700-000 | EE140710-000 | 277 | 4000 | 1 | 14.4 |
| | EE140400-000 | EE1404XX-000 | 480 | 4000 | 1 | 8.3 |
| 1350 - 1650cid 22.1 - 27.0L | EE150700-000 | EE150710-000 | 277 | 5000 | 1 | 18.1 |
| | EE150400-000 | EE150410-000 | 480 | 5000 | 1 | 10.4 |
| | EE150500-000 | EE150510-000 | 575 | 5000 | 1 | 8.7 |

Heaters with Thermostats
EE Models are only available with a fixed setting temperature sensor.

| Temperature Range | | Numerical Code |
|-------------------|-------------|----------------|
| ON | OFF | |
| 100°F (38C) | 120°F (49C) | 10 |

All heaters over 480 V with a thermostat must use a control box. See Control Systems page 34.

EE Model



| Model Number without Thermostat | Model Number with Thermostat | Element Replacement |
|--|--|---|
| EE115100-000 EE115800-000 EE115200-000 EE115700-000 EE115400-000 | EE115110-000 EE115810-000 EE115210-000 EE115710-000 EE115410-000 | REEE1151 REEE1158 REEE1152 REEE1157 E01541E-50NA-00 |
| EE120100-000 EE120800-000 EE120200-000 EE120300-000 EE120400-000 EE120500-000 | EE120110-000 EE120810-000 EE120210-000 EE120310-000 EE120410-000 EE120510-000 | REEE1201 REEE1208 REEE1202 E02031E-50NA-00 E02041E-50NA-00 E02051E-50NA-00 |
| EE125800-000 EE125200-000 EE125700-000 EE125300-000 EE125400-000 | EE125810-000 EE125210-000 EE125710-000 EE125310-000 EE125410-000 | REEE1258 REEE1252 REEE1257 E02531E-CONA-00 E02541E-CONA-00 |
| EE130800-000 EE130200-000 EE130700-000 EE130400-000 EE130500-000 | EE130810-000 EE130210-000 EE130710-000 EE130410-000 EE130510-000 | REEE1308 REEE1302 REEE1307 E03041E-50NA-00 E03051E-50NA-00 |
| EE140800-000 EE140200-000 EE140700-000 EE140400-000 | EE140810-000 EE140210-000 EE140710-000 EE140410-000 | REEE1408 REEE1402 REEE1407 E04041E-50NA-00 |
| EE150700-000 EE150400-000 EE150500-000 | EE150710-000 EE150410-000 EE150510-000 | E05071E-CONA-00 E05041E-CONA-00 E05051E-CONA-00 |

| Common Replacement Parts available for all listed heaters | |
|---|--------|
| Check Valve | RV-M |
| Flange | RF-L |
| Flange O-ring | TML-OR |
| Tank | RTL |
| Mounting Brackets | FK7 |

Replacement Parts

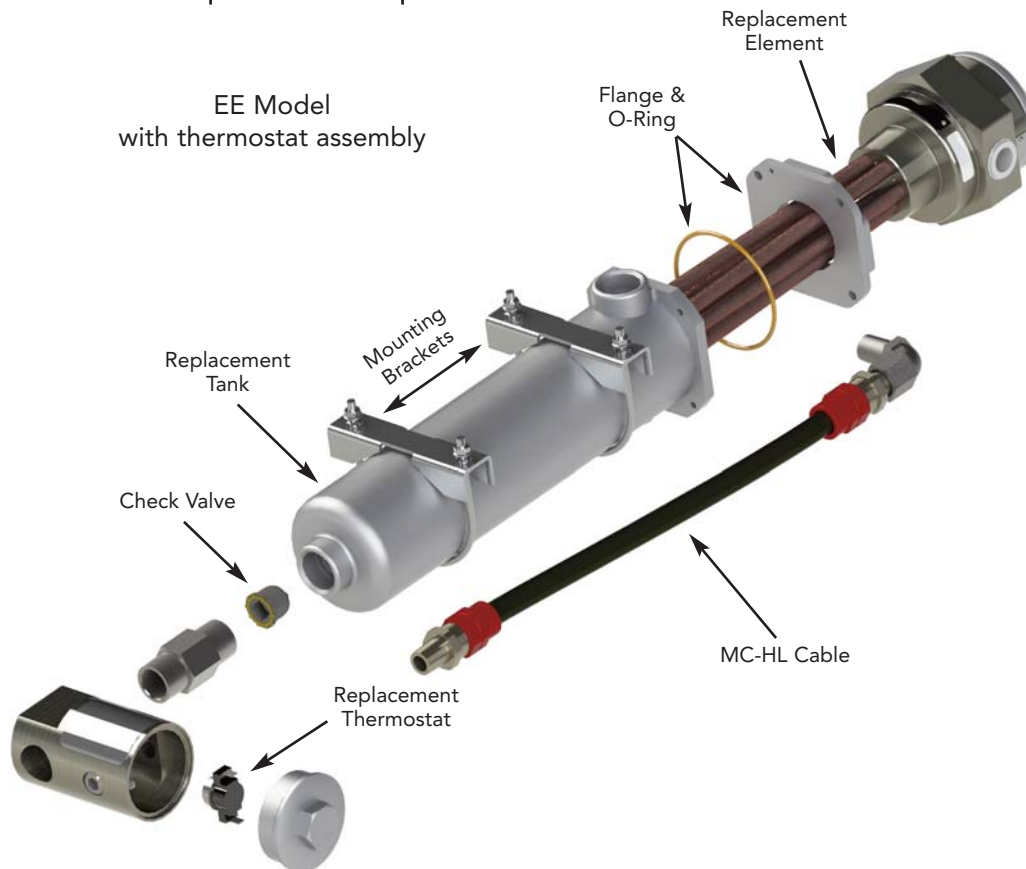
For thermosiphon engine heaters
EE Model

Heaters with Thermostats

| Temperature Range | | Sensing Unit |
|-------------------|-------------|--------------|
| ON | OFF | |
| 100°F (38C) | 120°F (49C) | RSU10 |

Example:

Model Number: EE130210-000
T-Stat Replacement: RSU10



ADAPTER FITTINGS

For the use of 0.75" or 1" ID heater hose, hose barb adapters are available. See below.

| | |
|--------|---|
| 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 0.75" hose barb adapter. Installs in 1" NPT female inlet or outlet of the heater. |

Thermosiphon Engine Heaters

EE Model
Hazardous Location
Three Phase

1500-5000 Watts



EE Model without thermostat



EE Model assembled with thermostat

| Engine Displacement | Model Number without Thermostat | Model Number with Thermostat | Volt | Watts | Phase | Amp |
|--------------------------------|---------------------------------|------------------------------|------|-------|-------|------|
| 500cid or less 8.2L or less | EE315800-000 | EE315810-000 | 208 | 1500 | 3 | 4.2 |
| | EE315200-000 | EE315210-000 | 240 | 1500 | 3 | 3.6 |
| | EE315400-000 | EE315410-000 | 480 | 1500 | 3 | 1.8 |
| 500 - 600cid 8.2 - 9.8L | EE320800-000 | EE320810-000 | 208 | 2000 | 3 | 5.6 |
| | EE320200-000 | EE320210-000 | 240 | 2000 | 3 | 4.8 |
| | EE320300-000 | EE320310-000 | 380 | 2000 | 3 | 3.0 |
| | EE320400-000 | EE320410-000 | 480 | 2000 | 3 | 2.4 |
| | EE320500-000 | EE320510-000 | 575 | 2000 | 3 | 2.0 |
| 600 - 800cid 9.8 - 13.1L | EE325800-000 | EE325810-000 | 208 | 2500 | 3 | 6.9 |
| | EE325200-000 | EE325210-000 | 240 | 2500 | 3 | 6.0 |
| | EE325300-000 | EE325310-000 | 380 | 2500 | 3 | 3.8 |
| | EE325400-000 | EE325410-000 | 480 | 2500 | 3 | 3.0 |
| | EE325500-000 | EE325510-000 | 575 | 2500 | 3 | 2.5 |
| 800 - 1000cid 13.1 - 16.4L | EE330800-000 | EE330810-000 | 208 | 3000 | 3 | 8.3 |
| | EE330200-000 | EE330210-000 | 240 | 3000 | 3 | 7.2 |
| | EE330300-000 | EE330310-000 | 380 | 3000 | 3 | 4.6 |
| | EE330400-000 | EE330410-000 | 480 | 3000 | 3 | 3.6 |
| | EE330500-000 | EE330510-000 | 575 | 3000 | 3 | 3.0 |
| 1000 - 1350cid 16.4 - 22.1L | EE340800-000 | EE340810-000 | 208 | 4000 | 3 | 11.1 |
| | EE340200-000 | EE340210-000 | 240 | 4000 | 3 | 9.6 |
| | EE340300-000 | EE340310-000 | 380 | 4000 | 3 | 6.1 |
| | EE340400-000 | EE340410-000 | 480 | 4000 | 3 | 4.8 |
| | EE340500-000 | EE340510-000 | 575 | 4000 | 3 | 4.0 |
| 1350 - 1650cid 22.1 - 27.0L | EE350800-000 | EE350810-000 | 208 | 5000 | 3 | 13.9 |
| | EE350200-000 | EE350210-000 | 240 | 5000 | 3 | 12.0 |
| | EE350300-000 | EE350310-000 | 380 | 5000 | 3 | 7.6 |
| | EE350400-000 | EE350410-000 | 480 | 5000 | 3 | 6.0 |
| | EE350500-000 | EE350510-000 | 575 | 5000 | 3 | 5.0 |

Heaters with Thermostats

EE Models are only available with a fixed setting temperature sensor.

Temperature Range

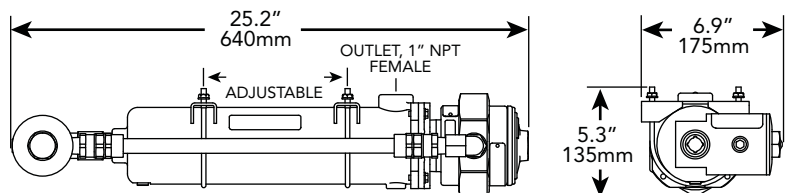
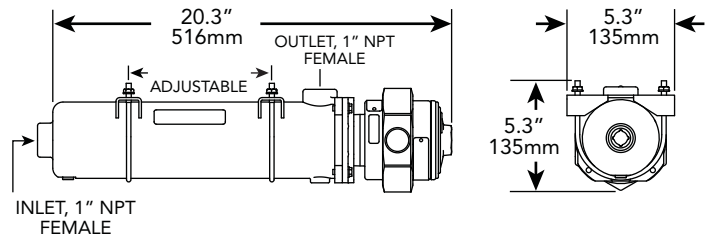
| ON | OFF |
|-------------|-------------|
| 100°F (38C) | 120°F (49C) |

Numerical Code

10

All 3 phase heaters with thermostat must use a control box. See Control Systems page 34.

EE Model



| Model Number without Thermostat | Model Number with Thermostat | Element Replacement |
|--|--|---|
| EE315800-000 EE315200-000 EE315400-000 | EE3158XX-000 EE3152XX-000 EE3154XX-000 | E01583E-15NA-00 E01523E-15NA-00 E01543E-15NA-00 |
| EE320800-000 EE320200-000 EE320300-000 EE320400-000 EE320500-000 | EE3208XX-000 EE3202XX-000 EE3203XX-000 EE3204XX-000 EE3205XX-000 | E02083E-25NA-00 E02023E-25NA-00 E02033E-25NA-00 E02043E-25NA-00 E02053E-25NA-00 |
| EE325800-000 EE325200-000 EE325300-000 EE325400-000 EE325500-000 | EE3258XX-000 EE3252XX-000 EE3253XX-000 EE3254XX-000 EE3255XX-000 | E02583E-30NA-00 E02523E-30NA-00 E02533E-30NA-00 E02543E-30NA-00 E02553E-30NA-00 |
| EE330800-000 EE330200-000 EE330300-000 EE330400-000 EE330500-000 | EE3308XX-000 EE3302XX-000 EE3303XX-000 EE3304XX-000 EE3305XX-000 | E03083E-30NA-00 E03023E-30NA-00 E03033E-30NA-00 E03043E-30NA-00 E03053E-30NA-00 |
| EE340800-000 EE340200-000 EE340300-000 EE340400-000 EE340500-000 | EE3408XX-000 EE3402XX-000 EE3403XX-000 EE3404XX-000 EE3405XX-000 | E04083E-50NA-00 E04023E-50NA-00 E04033E-50NA-00 E04043E-50NA-00 E04053E-50NA-00 |
| EE350800-000 EE350200-000 EE350300-000 EE350400-000 EE350500-000 | EE3508XX-000 EE3502XX-000 EE3503XX-000 EE3504XX-000 EE3505XX-000 | E05083E-50NA-00 E05023E-50NA-00 E05033E-50NA-00 E05043E-50NA-00 E05053E-50NA-00 |

| Common Replacement Parts available for all listed heaters | |
|---|--------|
| Check Valve | RV-M |
| Flange | RF-L |
| Flange O-ring | TML-OR |
| Tank | RTL |
| Mounting Brackets | FK7 |

Replacement Parts

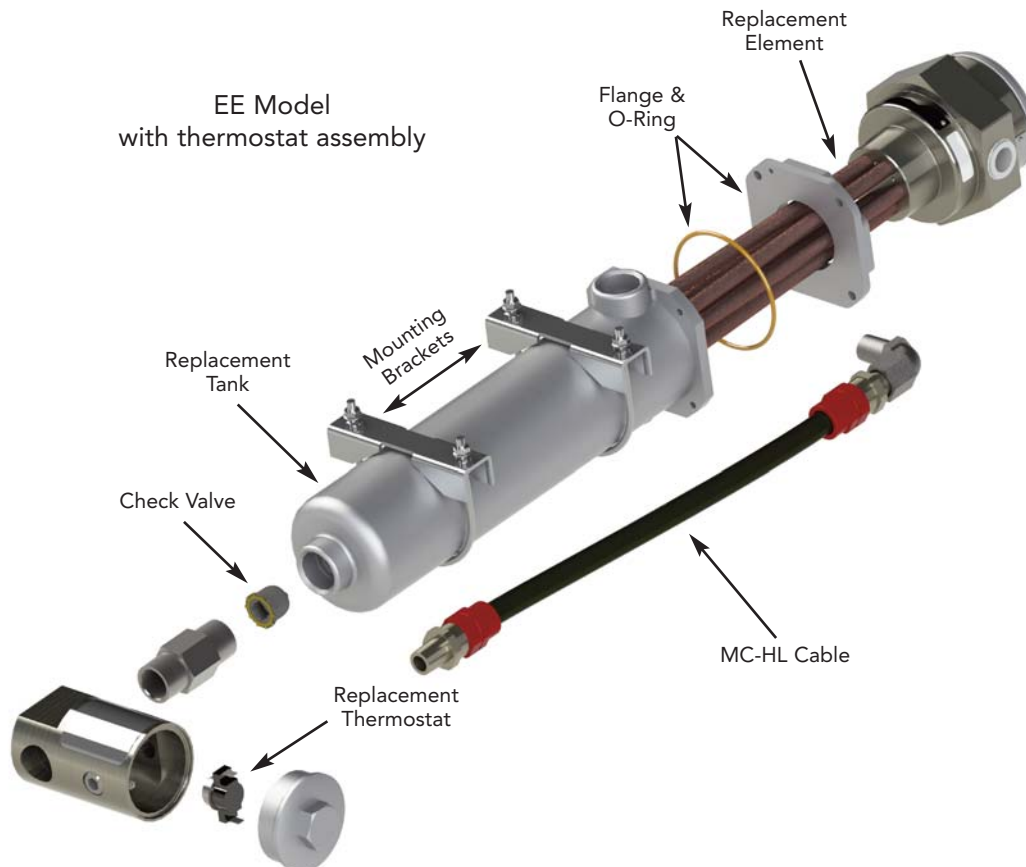
For thermosiphon
engine heaters
EE Model

Heaters with Thermostats

| Temperature Range | | Sensing Unit |
|-------------------|-------------|--------------|
| ON | OFF | |
| 100°F (38C) | 120°F (49C) | RSU10 |

Example:

Model Number: EE330210-000
T-Stat Replacement: RSU10



ADAPTER FITTINGS

For the use of 0.75" or 1" ID heater hose, hose barb adapters are available. See below.

| | |
|--------|---|
| 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 0.75" hose barb adapter. Installs in 1" NPT female inlet or outlet of the heater. |