

Thermosiphon Engine Heaters

TPS Model
Single Phase

500-2000 Watts



| Temperature Range ON | Temperature Range OFF | Numerical Code |
|----------------------|-----------------------|----------------|
| 80°F (27C) | 100°F (38C) | 8 |
| 100°F (38C) | 120°F (49C) | 10 |
| 120°F (49C) | 140°F (60C) | 12 |

| Engine Displacement | Watts | Model Number 120V | Amps | Model Number 240V | Amps | Model Number 277V | Amps |
|-----------------------------|-------|-------------------|----------------|-------------------|------|-------------------|------|
| 150cid 2.5L | 500 | TPS051GT8-000 | 4.2 | TPS052GT8-000 | 2.1 | TPS057GT10-000 | 1.8 |
| | | TPS051GT10-000 | 4.2 | TPS052GT10-000 | 2.1 | | |
| | | TPS051GT12-000 | 4.2 | TPS052GT10-013 | 2.1 | | |
| | | — | — | TPS052GT12-000 | 2.1 | | |
| | | — | — | — | — | | |
| 350cid 5.7L | 1000 | TPS101GT8-000 | 8.4 | TPS102GT8-000 | 4.2 | TPS107GT10-000 | 3.6 |
| | | TPS101GT10-000 | 8.4 | TPS102GT10-000 | 4.2 | | |
| | | TPS101GT12-000 | 8.4 | TPS102GT10-013 | 4.2 | | |
| | | — | — | TPS102GT12-000 | 4.2 | | |
| 350 - 500cid 5.7 - 8.2L | 1500 | TPS151GT8-000 | 12.5 | TPS152GT8-000 | 6.3 | TPS157GT10-000 | 5.4 |
| | | TPS151GT10-000 | 12.5 | TPS152GT10-000 | 6.3 | | |
| | | TPS151GT12-000 | 12.5 | TPS152GT10-013 | 6.3 | | |
| | | — | — | TPS152GT12-000 | 6.3 | | |
| 500 - 700cid 8.2 - 11.5L | 1800 | TPS181GT8-000 | 15 | — | — | — | — |
| | 2000 | — | — | TPS202GT8-000 | 8.3 | TPS207GT10-000 | 7.2 |
| — | — | — | TPS202GT10-000 | 8.3 | | | |
| — | — | — | TPS202GT10-013 | 8.3 | | | |
| — | — | — | TPS202GT12-000 | 8.3 | | | |

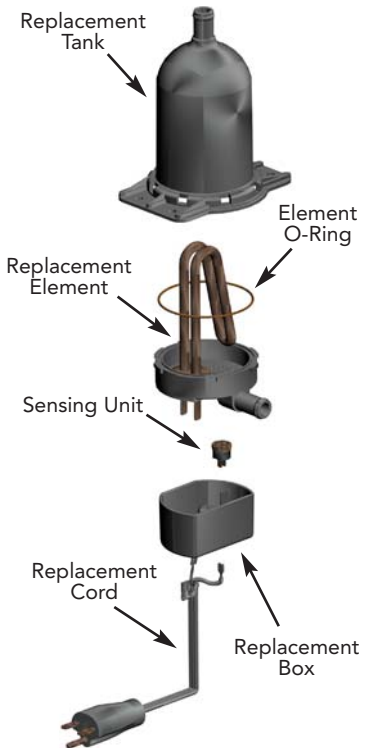
Power cord length on all models — 48" (1219mm)

TPS engine preheaters include a fixed setting thermostat. A single or double digit numeral at the end of the model number prefix designates the temperature range. **Example:** TPS101GT10-000 (see chart in left column)

-013 Engine preheater features 2 meter round cord and Shucko plug - CE compliant

Replacement Parts

For TPS Models



| Model Number | Replacement Parts | | | | | |
|----------------|-------------------|------------|-------|-------|------------|----------------|
| | Sensing Unit | Element | Tank | Box | Power Cord | Element O-ring |
| TPS051GT8-000 | LSU-8 | REPS051T8 | TPS-T | CPS-1 | 11P48UU | TPS-BOR |
| TPS051GT10-000 | LSU-10 | REPS051T10 | TPS-T | CPS-1 | 11P48UU | TPS-BOR |
| TPS051GT12-000 | LSU-12 | REPS051T12 | TPS-T | CPS-1 | 11P48UU | TPS-BOR |
| TPS052GT8-000 | LSU-8 | REPS052T8 | TPS-T | CPS-1 | 21P48UU | TPS-BOR |
| TPS052GT10-000 | LSU-10 | REPS052T10 | TPS-T | CPS-1 | 21P48UU | TPS-BOR |
| TPS052GT10-013 | LSU-10 | REPS052T10 | TPS-T | CPS-2 | 21SCH81UU | TPS-BOR |
| TPS052GT12-000 | LSU-12 | REPS052T12 | TPS-T | CPS-1 | 21P48UU | TPS-BOR |
| TPS057GT10-000 | LSU-10 | REPS057T10 | TPS-T | CPS-1 | 16H48UU | TPS-BOR |
| TPS101GT8-000 | LSU-8 | REPS101T8 | TPS-T | CPS-1 | 11P48UU | TPS-BOR |
| TPS101GT10-000 | LSU-10 | REPS101T10 | TPS-T | CPS-1 | 11P48UU | TPS-BOR |
| TPS101GT12-000 | LSU-12 | REPS101T12 | TPS-T | CPS-1 | 11P48UU | TPS-BOR |
| TPS102GT8-000 | LSU-8 | REPS102T8 | TPS-T | CPS-1 | 21P48UU | TPS-BOR |
| TPS102GT10-000 | LSU-10 | REPS102T10 | TPS-T | CPS-1 | 21P48UU | TPS-BOR |
| TPS102GT10-013 | LSU-10 | REPS102T10 | TPS-T | CPS-2 | 21SCH81UU | TPS-BOR |
| TPS102GT12-000 | LSU-12 | REPS102T12 | TPS-T | CPS-1 | 21P48UU | TPS-BOR |
| TPS107GT10-000 | LSU-10 | REPS107T10 | TPS-T | CPS-1 | 16H48UU | TPS-BOR |
| TPS151GT8-000 | LSU-8 | REPS151T8 | TPS-T | CPS-1 | 11P48UU | TPS-BOR |
| TPS151GT10-000 | LSU-10 | REPS151T10 | TPS-T | CPS-1 | 11P48UU | TPS-BOR |
| TPS151GT12-000 | LSU-12 | REPS151T12 | TPS-T | CPS-1 | 11P48UU | TPS-BOR |
| TPS152GT8-000 | LSU-8 | REPS152T8 | TPS-T | CPS-1 | 21P48UU | TPS-BOR |
| TPS152GT10-000 | LSU-10 | REPS152T10 | TPS-T | CPS-1 | 21P48UU | TPS-BOR |
| TPS152GT10-013 | LSU-10 | REPS152T10 | TPS-T | CPS-2 | 21SCH81UU | TPS-BOR |
| TPS152GT12-000 | LSU-12 | REPS152T12 | TPS-T | CPS-1 | 21P48UU | TPS-BOR |
| TPS157GT10-000 | LSU-10 | REPS157T10 | TPS-T | CPS-1 | 16H48UU | TPS-BOR |
| TPS181GT8-000 | LSU-8 | REPS181T8 | TPS-T | CPS-1 | 12P16H48UU | TPS-BOR |
| TPS181GT10-000 | LSU-10 | REPS181T10 | TPS-T | CPS-1 | 12P16H48UU | TPS-BOR |
| TPS181GT12-000 | LSU-12 | REPS181T12 | TPS-T | CPS-1 | 12P16H48UU | TPS-BOR |
| TPS202GT8-000 | LSU-8 | REPS202T8 | TPS-T | CPS-1 | 21P48UU | TPS-BOR |
| TPS202GT10-000 | LSU-10 | REPS202T10 | TPS-T | CPS-1 | 21P48UU | TPS-BOR |
| TPS202GT10-013 | LSU-10 | REPS202T10 | TPS-T | CPS-2 | 21SCH81UU | TPS-BOR |
| TPS202GT12-000 | LSU-12 | REPS202T12 | TPS-T | CPS-1 | 21P48UU | TPS-BOR |
| TPS207GT10-000 | LSU-10 | REPS207T10 | TPS-T | CPS-1 | 16H48UU | TPS-BOR |

Thermosiphon Engine Heaters

TPS Model w/in-line adjustable and remote thread-in fixed thermostat.

Single Phase



Remote Adjustable
Thermostat Assembly

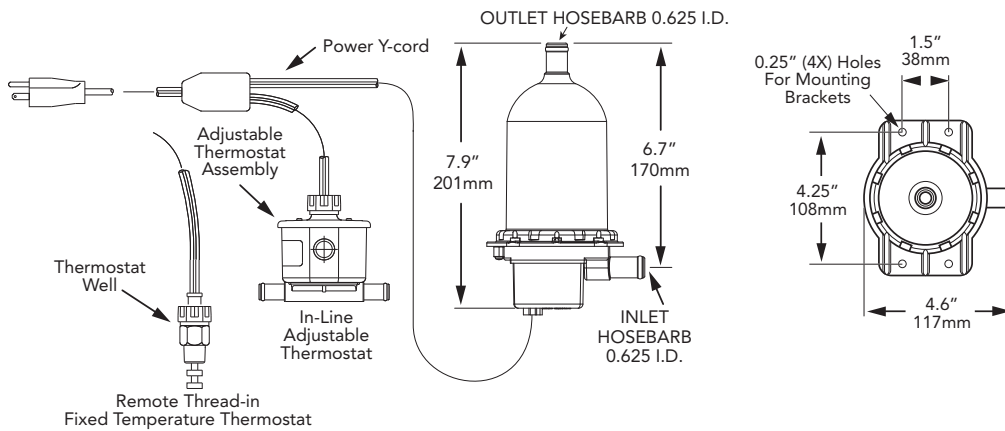
Part Number | TFTA-5/8HB

| Engine Displacement | Model Number | Volts | Watts | Phase | Amps | Thermostat Range | |
|-----------------------------|----------------|-------|-------|-------|------|------------------|-------------|
| | | | | | | On | Off |
| 150cid 2.5L | TPS051GT12-001 | 120 | 500 | 1 | 4.2 | 100°F (38C) | 120°F (49C) |
| | TPS051GT12-A00 | 120 | 500 | 1 | 4.2 | ADJUSTABLE | |
| | TPS052GT12-001 | 240 | 500 | 1 | 2.1 | 100°F (38C) | 120°F (49C) |
| | TPS052GT12-A00 | 240 | 500 | 1 | 2.1 | ADJUSTABLE | |
| 350cid 5.7L | TPS101GT12-001 | 120 | 1000 | 1 | 8.4 | 100°F (38C) | 120°F (49C) |
| | TPS101GT12-A00 | 120 | 1000 | 1 | 8.4 | ADJUSTABLE | |
| | TPS102GT12-001 | 240 | 1000 | 1 | 4.2 | 100°F (38C) | 120°F (49C) |
| | TPS102GT12-A00 | 240 | 1000 | 1 | 4.2 | ADJUSTABLE | |
| 350 - 500cid 5.7 - 8.2L | TPS151GT12-001 | 120 | 1500 | 1 | 12.5 | 100°F (38C) | 120°F (49C) |
| | TPS151GT12-A00 | 120 | 1500 | 1 | 12.5 | ADJUSTABLE | |
| | TPS152GT12-001 | 240 | 1500 | 1 | 6.3 | 100°F (38C) | 120°F (49C) |
| | TPS152GT12-A00 | 240 | 1500 | 1 | 6.3 | ADJUSTABLE | |
| 500 - 700cid 8.2 - 11.5L | TPS181GT12-001 | 120 | 1800 | 1 | 15 | 100°F (38C) | 120°F (49C) |
| | TPS181GT12-A00 | 120 | 1800 | 1 | 15 | ADJUSTABLE | |
| | TPS202GT12-001 | 240 | 2000 | 1 | 8.3 | 100°F (38C) | 120°F (49C) |
| | TPS202GT12-A00 | 240 | 2000 | 1 | 8.3 | ADJUSTABLE | |

-001 Remote thread-in fixed temperature thermostat

Adjustable 90-130°F (32-54°C)
On differential - 20°F (-7°C)

In-line thermostat options:



| Model Number | Volts | Watts | Replacement Parts | | | |
|----------------|-------|-------|-------------------|------------|------------------|-----------------|
| | | | Sensing Unit | Element | Power Y-cord | Thermostat Well |
| TPS051GT12-001 | 120 | 500 | LSU-10 | REPS051T12 | TPS-YC1 | TW2374-1 |
| TPS051GT12-A00 | 120 | 500 | RSU90-130 | REPS051T12 | # | # |
| TPS052GT12-001 | 240 | 500 | LSU-10 | REPS052T12 | TPS-YC2 | TW2374-1 |
| TPS052GT12-A00 | 240 | 500 | RSU90-130 | REPS052T12 | # | # |
| TPS101GT12-001 | 120 | 1000 | LSU-10 | REPS101T12 | TPS-YC1 | TW2374-1 |
| TPS101GT12-A00 | 120 | 1000 | RSU90-130 | REPS101T12 | # | # |
| TPS102GT12-001 | 240 | 1000 | LSU-10 | REPS102T12 | TPS-YC2 | TW2374-1 |
| TPS102GT12-A00 | 240 | 1000 | RSU90-130 | REPS102T12 | # | # |
| TPS151GT12-001 | 120 | 1500 | LSU-10 | REPS151T12 | TPS-YC1 | TW2374-1 |
| TPS151GT12-A00 | 120 | 1500 | RSU90-130 | REPS151T12 | # | # |
| TPS152GT12-001 | 240 | 1500 | LSU-10 | REPS152T12 | TPS-YC2 | TW2374-1 |
| TPS152GT12-A00 | 240 | 1500 | RSU90-130 | REPS152T12 | # | # |
| TPS181GT12-001 | 120 | 1800 | LSU-10 | REPS181T12 | 12P16H54S54X10UU | TW2374-1 |
| TPS181GT12-A00 | 120 | 1800 | RSU90-130 | REPS181T12 | # | # |
| TPS202GT12-001 | 240 | 2000 | LSU-10 | REPS202T12 | TPS-YC2 | TW2374-1 |
| TPS202GT12-A00 | 240 | 2000 | RSU90-130 | REPS202T12 | # | # |

-001 Remote thread-in fixed temperature thermostat

Call Factory

Replacement Parts

For TPS Model w/in-line adjustable and remote thread-in fixed thermostat.

Single Phase

Common replacement parts for all TPS engine preheaters:

- Tank
- Box
- Element O-ring

See table on page 6