

# Thermosiphon Engine Heaters

TPS Model  
Single Phase

500–2000 Watts



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

Engine Displacement	Watts	Model Number 120V	Amps	Model Number 240V	Amps	Model Number 277V	Amps
150 CID 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		
350 CID 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 – 500 CID 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 – 700 CID 8.2 – 11.5L	1800	TPS181GT8-000	15	—	—	—	—
	2000	TPS181GT10-000	15	TPS202GT8-000	8.3	TPS207GT10-000	7.2
TPS181GT12-000		15					
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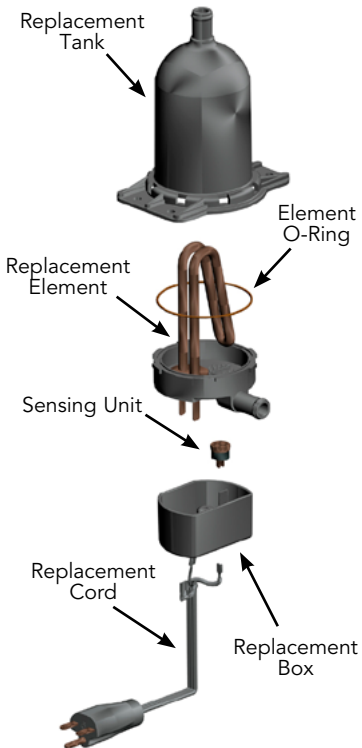
Power cord length on all models – 48" (1219mm)

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 Schuko 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

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

## Thermosiphon Engine Heaters

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

Single Phase

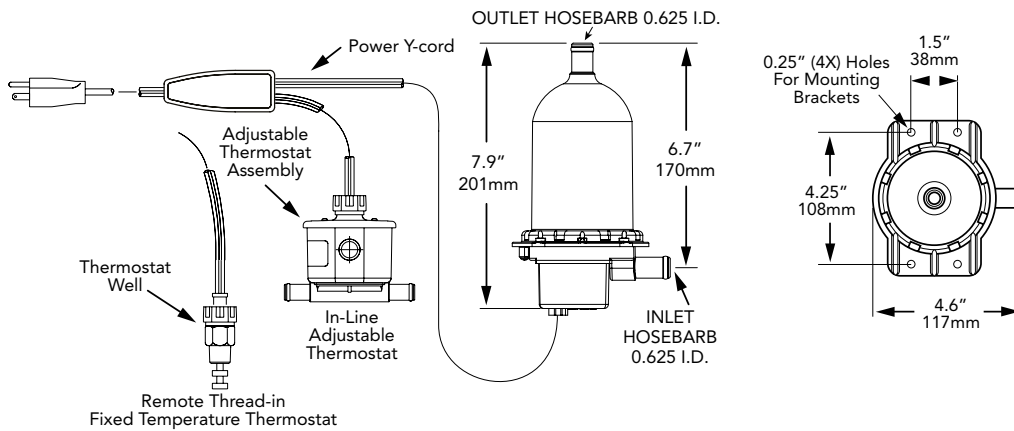
500–2000 Watts



Remote Adjustable  
Thermostat Assembly

Part Number | TFTA-5/8HB

### 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-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-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 8