



# Lochinvar®

**STANDARD HI-POWER  
ELECTRIC WATER HEATER**

*Submittal Sheet*

**HPS-Sub-02**

## STANDARD HI-POWER SURFACE THERMOSTAT COMMERCIAL ELECTRIC WATER HEATERS

Job Name: \_\_\_\_\_ Model No. \_\_\_\_\_ Gal. Cap. \_\_\_\_\_  
 Location: \_\_\_\_\_ Voltage/Phase \_\_\_\_\_ kW \_\_\_\_\_  
 Engineer: \_\_\_\_\_ Recovery Rate in GPH \_\_\_\_\_ @ \_\_\_\_\_ °F Rise  
 Agent/Wholesaler: \_\_\_\_\_ Equipment Tag(s): \_\_\_\_\_  
 Contractor: \_\_\_\_\_

### NOTES:

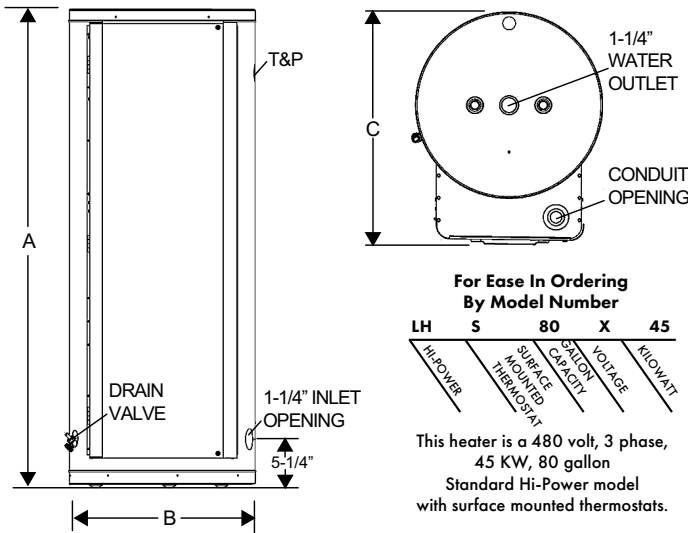
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### **Standard Features**

- Meets ASHRAE Energy Efficiency Standards
- 300 psi Test Pressure, 150 psi Working Pressure
- Tank Saver Anode
- Plated Incoloy, Low Watt Density Element
- Energy Cut-Off
- Internal Fusing when Current Exceeds 48 Amps
- 180° Operation Approved
- ASME Temperature and Pressure Relief Valve
- Non-CFC Foam Insulation
- Hinged Access Door
- - 3 Year Limited Tank Warranty
- - 1 Year Limited Parts Warranty



# DIMENSIONS & SPECIFICATIONS



KW	Single Phase				Three Phase		
	208V	240V	277V	480V	208V	240V	480V
12.3	59	51	44	26	34	30	15
13.5	64.9	56.3	48.7	28.1	37.5	32.5	16.2
15	72.1	62.5	54.2	31.3	41.6	36.1	18.0
18	86.5	75.0	65.0	37.5	50.0	43.3	21.7
24	115.4	100.0	86.6	50.0	66.6	57.7	28.9
27	129.8	112.5	97.5	56.3	74.9	65	32.5
30	144.2	125.0	108.3	62.5	83.3	72.2	36.1
36	173.1	150.0	130.0	75.0	99.9	86.6	43.3
40.5	194.7	168.8	146.2	84.4	112.4	97.4	48.7
45	216.3	187.5	162.5	93.8	124.9	108.3	54.1
54	N/A	225.0	194.9	112.5	149.9	129.9	65.0

VOLTAGE SCHEDULE		
T - 208V / 1 or 3 PH	W - 277V / 1 PH	Z - 415V / 1 or 3 PH
P - 240V / 1 or 3 PH	X - 480V / 1 or 3 PH	

Model Number	KW	Gallon Capacity	GPH @ 100°F Rise	Number of Elements	A	B	C	Shipping Weight
LHS-50 (X)12	12.3	50	49	3	55-3/4"	21-3/4"	27"	265
LHS-50 (X)13	13.5	50	55	3	55-3/4"	21-3/4"	27"	265
LHS-50 (X)15	15	50	61	3	55-3/4"	21-3/4"	27"	265
LHS-50 (X)18	18	50	74	3**	55-3/4"	21-3/4"	27"	265
LHS-50 (X)24	24	50	98	6	55-3/4"	21-3/4"	27"	265
LHS-50 (X)27	27	50	111	6	55-3/4"	21-3/4"	27"	265
LHS-50 (X)30	30	50	123	6	55-3/4"	21-3/4"	27"	265
LHS-50 (X)36	36	50	148	6***	55-3/4"	21-3/4"	27"	265
LHS-80 (X)12	12.3	80	49	3	60-1/4"	25-1/2"	31"	280
LHS-80 (X)13	13.5	80	55	3	60-1/4"	25-1/2"	31"	280
LHS-80 (X)15	15	80	61	3	60-1/4"	25-1/2"	31"	280
LHS-80 (X)18	18	80	74	3**	60-1/4"	25-1/2"	31"	280
LHS-80 (X)24	24	80	98	6	60-1/4"	25-1/2"	31"	280
LHS-80 (X)27	27	80	111	6	60-1/4"	25-1/2"	31"	280
LHS-80 (X)30	30	80	123	6	60-1/4"	25-1/2"	31"	280
LHS-80 (X)36	36	80	148	6***	60-1/4"	25-1/2"	31"	280
LHS-80 (X)40	40.5	80	166	9	60-1/4"	25-1/2"	31"	280
LHS-80 (X)45	45	80	194	9	60-1/4"	25-1/2"	31"	280
LHS-80 (X)54	54	80	221	9	60-1/4"	25-1/2"	31"	280
LHS-119 (X)12	12.3	120	49	3	62-1/4"	29-1/2"	35"	390
LHS-119 (X)13	13.5	120	55	3	62-1/4"	29-1/2"	35"	390
LHS-119 (X)15	15	120	61	3	62-1/4"	29-1/2"	35"	390
LHS-119 (X)18	18	120	74	3**	62-1/4"	29-1/2"	35"	390
LHS-119 (X)24	24	120	98	6	62-1/4"	29-1/2"	35"	390
LHS-119 (X)27	27	120	111	6	62-1/4"	29-1/2"	35"	390
LHS-119 (X)30	30	120	123	6	62-1/4"	29-1/2"	35"	390
LHS-119 (X)36	36	120	148	6***	62-1/4"	29-1/2"	35"	390
LHS-119 (X)40	40.5	120	166	9	62-1/4"	29-1/2"	35"	390
LHS-119 (X)45	45	120	194	9	62-1/4"	29-1/2"	35"	390
LHS-119 (X)54	54	120	221	9	62-1/4"	29-1/2"	35"	390

\*\*208V models are configured with 6 elements, \*\*\*208V models are configured with 9 elements, Note: 208V - 54KW models are factory assembled only. They are not field convertible.



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