



Lochinvar®

STANDARD HI-POWER ELECTRIC WATER HEATER

Submittal Sheet

HPI-Sub-03

STANDARD HI-POWER IMMERSION THERMOSTAT COMMERCIAL ELECTRIC WATER HEATERS

Job Name: _____

Model No. _____ Gal. Cap. _____

Location: _____

Voltage/Phase _____ kW _____

Engineer: _____

Recovery Rate in GPH _____ @ _____ °F

Agent/Wholesaler: _____

Rise

Contractor: _____

Equipment Tag(s): _____

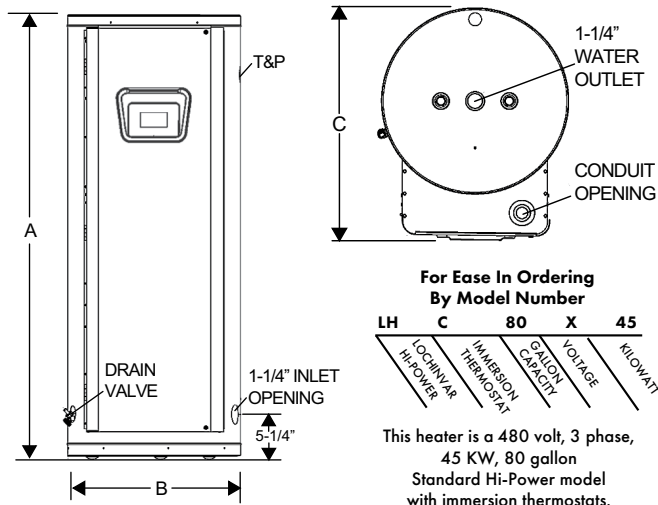
NOTES:

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 Ampsf
- 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



AMPERAGE TABLE							
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
LHC-50 (X)12	12.3	50	49	3	55-3/4"	21-3/4"	27"	265
LHC-50 (X)13	13.5	50	55	3	55-3/4"	21-3/4"	27"	265
LHC-50 (X)15	15	50	61	3	55-3/4"	21-3/4"	27"	265
LHC-50 (X)18	18	50	74	3**	55-3/4"	21-3/4"	27"	265
LHC-50 (X)24	24	50	98	6	55-3/4"	21-3/4"	27"	265
LHC-50 (X)27	27	50	111	6	55-3/4"	21-3/4"	27"	265
LHC-50 (X)30	30	50	123	6	55-3/4"	21-3/4"	27"	265
LHC-50 (X)36	36	50	148	6	55-3/4"	21-3/4"	27"	265
LHC-50 (X)40	40.5	50	166	9	55-3/4"	21-3/4"	27"	265
LHC-50 (X)45	45	50	194	9	55-3/4"	21-3/4"	27"	265
LHC-50 (X)54	54	50	221	9	55-3/4"	21-3/4"	27"	265
LHC-80 (X)12	12.3	80	49	3	60-1/4"	25-1/2"	31"	280
LHC-80 (X)13	13.5	80	55	3	60-1/4"	25-1/2"	31"	280
LHC-80 (X)15	15	80	61	3	60-1/4"	25-1/2"	31"	280
LHC-80 (X)18	18	80	74	3**	60-1/4"	25-1/2"	31"	280
LHC-80 (X)24	24	80	98	6	60-1/4"	25-1/2"	31"	280
LHC-80 (X)27	27	80	111	6	60-1/4"	25-1/2"	31"	280
LHC-80 (X)30	30	80	123	6	60-1/4"	25-1/2"	31"	280
LHC-80 (X)36	36	80	148	6***	60-1/4"	25-1/2"	31"	280
LHC-80 (X)40	40.5	80	166	9	60-1/4"	25-1/2"	31"	280
LHC-80 (X)45	45	80	194	9	60-1/4"	25-1/2"	31"	280
LHC-80 (X)54	54	80	221	9	60-1/4"	25-1/2"	31"	280
LHC-119 (X)12	12.3	120	49	3	62-1/4"	29-1/2"	35"	390
LHC-119 (X)13	13.5	120	55	3	62-1/4"	29-1/2"	35"	390
LHC-119 (X)15	15	120	61	3	62-1/4"	29-1/2"	35"	390
LHC-119 (X)18	18	120	74	3**	62-1/4"	29-1/2"	35"	390
LHC-119 (X)24	24	120	98	6	62-1/4"	29-1/2"	35"	390
LHC-119 (X)27	27	120	111	6	62-1/4"	29-1/2"	35"	390
LHC-119 (X)30	30	120	123	6	62-1/4"	29-1/2"	35"	390
LHC-119 (X)36	36	120	148	6***	62-1/4"	29-1/2"	35"	390
LHC-119 (X)40	40.5	120	166	9	62-1/4"	29-1/2"	35"	390
LHC-119 (X)45	45	120	194	9	62-1/4"	29-1/2"	35"	390
LHC-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.



Lochinvar, LLC
300 Maddox Simpson Parkway
Lebanon, Tennessee 37090
P: 615.889.8900 / F: 615.547.1000
f t i n Lochinvar.com

