



Lochinvar®

HIGH EFFICIENCY BOILERS & WATER HEATERS

RESIDENTIAL ELECTRIC WATER HEATER

Submittal Sheet

RE-Sub-29

RESIDENTIAL 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:

Standard Features

- › NAECA Code Compliant
- › Meets ASHRAE/IES 90.1
- › Meets UBC, CEC and HUD National Codes
- › Approved for Manufactured Homes
- › Adjustable Thermostat with Overheat Safety Limit
- › Glass-lined Steel Tank
- › Tank Saver Anode
- › Immersion Type Heating Elements
- › Non-CFC Foam Insulation
- › 300 psi Test Pressure, 150 psi Working Pressure
- › Temperature & Pressure Relief Valve
- › Factory Installed Heat Traps
- › Brass Drain Valve
- › 6 Year Limited Tank and Parts Warranty* (See warranty for details)

* 1 Year limited tank and parts warranty when installed in commercial applications

Optional Equipment

4 Year Extended Warranty Kit (100345879)
(Available for residential applications only)

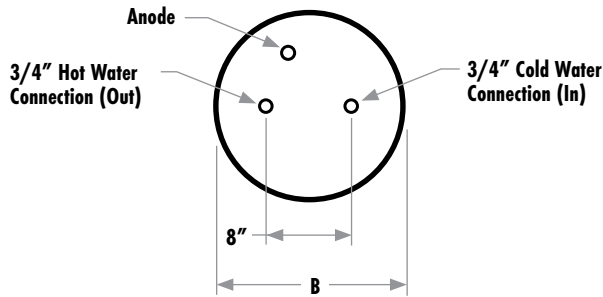


Certified for Potable Water and Space Heating Applications

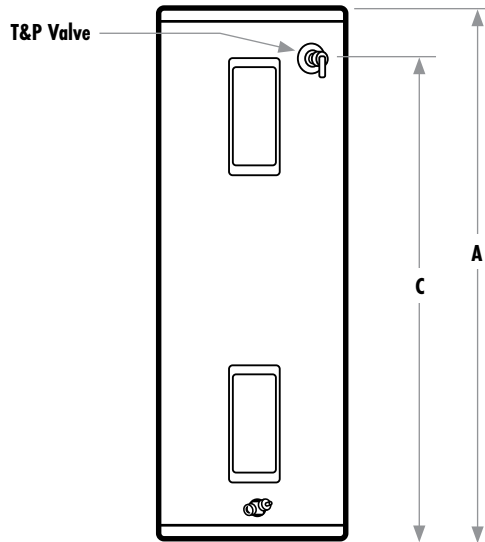
This water heater is suitable for water heating and space heating. Toxic chemicals, such as those used for boiler water treatment shall NEVER be introduced into this system. This water heater may NEVER be connected to any existing heating system or components previously used with non-potable water heating appliances.

Residential Electric Water Heater Dimensions & Specifications

TOP VIEW >



FRONT ELEVATION >



FOR EASE IN ORDERING BY MODEL NUMBER:

K	T	A	040	K	D
MODEL	TALL	VOLTAGE	TANK CAPACITY	ELEMENT WATTS	ELEMENT QTY

This is a 240 Volt, Tall Water Heater; 40 gallon with upper 4500 watt and lower 4500 watt elements.

VOLTAGE SCHEDULE

C - 120V	1ø
J - 208V	1ø
A - 240V	1ø

ELEMENT AVAILABILITY SCHEDULE

Wattage	(C) 120V	(J) 208V	(A) 240V
C-1500	N/A	Yes	Yes
D-1650	Yes	N/A	N/A
E-2000	Yes	Yes	Yes
F-2500	Yes	Yes	Yes
G-3000	Yes	Yes	Yes
H-3500	N/A	Yes	Yes
J-4000	N/A	Yes	Yes
K-4500	N/A	Yes	Yes
M-5000	N/A	Yes	Yes
N-5500	N/A	Yes	Yes
P-6000	N/A	N/A	Yes

RECOVERY RATE (GPH @ °F)

	40°F	70°F	100°F
16	9	6	
17	10	7	
21	12	8	
26	15	10	
31	18	12	
36	21	14	
41	24	17	
47	27	19	
52	30	21	
57	32	23	
62	35	25	

Model Number	Nominal Gal. Cap.	Rated Gal. Cap.	Std Voltage	Std Watts	Min. Watts	Max. Watts	UEF	1st Hr. Rating	GPH @ 90°F Rise	A	B	C	Ship. Wt.
Energy Saver with Insulation Blanket - Short Models													
KSA030KDB	28	26	240V	4500	1500	6000	.89	43	21	30"	20"	21-3/4"	90
KSA040KDB	38	35	240V	4500	4500	6000	.92	51	21	32"	23"	24"	118
KSA050HDBW	48	44	240V	3500	1500	3500	.91	40	16	34"	26-1/2"	25"	172
KSA050KDB	48	44	240V	4500	4000	6000	.93	60	21	34"	26-1/2"	25"	172
Energy Saver - Short Models													
KSA030KD	28	26	240V	4500	1500	6000	.90	44	21	31-1/4"	24"	21-3/4"	115
KSA036KD	36	33	240V	4500	1500	6000	.92	51	21	32"	24"	24"	118
KSA040KD	38	35	240V	4500	1500	6000	.89	50	21	33-1/2"	26"	24"	118
KSA050KD	51	48	240V	4500	4000	6000	.92	51	21	36"	26-1/2"	25"	172
Energy Saver with Insulation Blanket - Medium Models													
KMA030KDB	30	27	240V	4500	1500	6000	.90	50	21	39"	20"	30-1/2"	95
Energy Saver - Medium Models													
KMA030KD	30	27	240V	4500	1500	6000	.89	47	21	39-3/4"	22"	30-1/2"	94
KMA040JDW	40	37	240V	4000	1500	4000	.88	41	11	49-3/4"	20-1/2"	40-3/4"	109
KMA040KD	40	37	240V	4500	4500	6000	.92	55	21	49-3/4"	20-1/2"	40-3/4"	109
KMA050KD	50	46	240V	4500	2500	6000	.92	57	21	49-1/4"	23"	40-1/2"	161
Energy Saver - Tall Models													
KTA030KD	30	27	240V	4500	1500	6000	.89	48	21	46-1/2"	19"	39-1/2"	95
KTA040KD	40	36	240V	4500	3500	6000	.92	53	21	61-1/4"	18"	53-1/4"	118
KTA052KD	50	46	240V	4500	3000	6000	.92	62	21	59"	20-1/2"	51-1/4"	125
KTA055KD	55	55	240V	4500	2500	6000	.93	72	21	56-1/2"	24"	48-1/2"	145



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