



# Lochinvar®

HIGH EFFICIENCY BOILERS & WATER HEATERS

**RESIDENTIAL ELECTRIC  
WATER HEATER WITH GRID CAPABILITY**

*Submittal Sheet*

**DR-Sub-01**

## RESIDENTIAL ELECTRIC WATER HEATERS WITH GRID CAPABILITY

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**

- › Complies with Federal Energy Conservation Standards
- › Meets ASHRAE/IES 90.1
- › Meets UBC, CEC and HUD National Codes
- › Certified to UL 174 for household electric water heaters
- › Electronic Control with “Dry Fire” protection safeguards
- › Demand Response (CTA-2045\*EcoPortCM) communication port for connection to utility grid
- › Immersion Type Heating Elements
- › Glass-Lined Steel Tank
- › Non-CFC Foam Insulation
- › Tank Saver Anode
- › Built-in Heat Traps
- › Temperature & Pressure Relief Valve
- › Brass Drain Valve
- › 6-Year Limited Tank Warranty\*

(See warranty sheet for details)

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

### **Optional Equipment**

208V, 1PH only available in 4500 watts

240V, 1PH

For 277, 380, 415 & 480 volts, and all 3 PH, see Light Duty Commercial Water Heaters

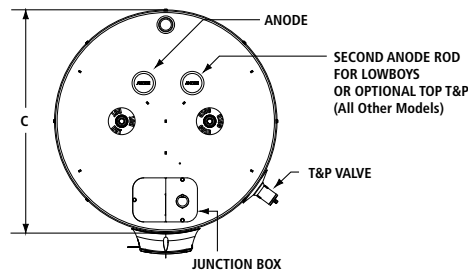
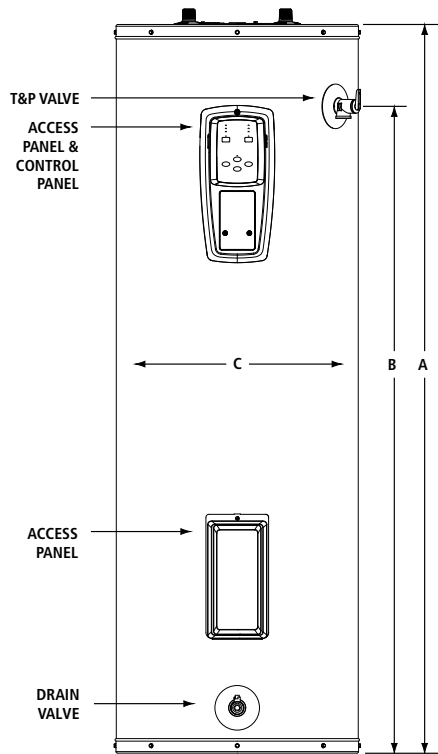


### **Certified for Potable Water and Space Heating Applications**

*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 w/ Electronic Thermostat Dimensions & Specifications

## DIMENSIONS & SPECIFICATIONS



### VOLTAGE SCHEDULE

\*J-208V – 1ø

A-240V – 1ø

\* 208V only available in 4500 watts

RECOVERY RATE (GPH @ °F RISE)			
Wattage	40°F	70°F	100°F
K-4500	47	27	19
M-5000	52	30	21
N-5500	57	32	23

FOR EASE IN ORDERING  
BY MODEL NUMBER

DR	T	40	D	A	K
MODEL	TALL	TANK CAPACITY	ELEMENT QUANTITY	VOLTAGE	ELEMENT WATTAGE

This is a 240 volt Tall Water Heater, 40 gallon capacity with upper 4500 watt and lower 4500 water elements.

Model Number	Nominal Gallon Capacity	Rated Storage Capacity	Standard Voltage	Standard Watts	UEF	1st HR. Rating	GPH @ 90°F Rise	A	B	C	Shipping Weight
<b>Grid Capable - Short Models</b>											
DRS-50B DAK	48	44	240V	4500	.92	55	21	34"	24-1/4"	26-1/2"	154
<b>Grid Capable - Medium Models</b>											
DRM-40 DAK	40	37	240V	4500	.92	53	21	49-3/4"	40-3/4"	20-1/2"	95
DRM-50 DAK	50	46	240V	4500	.93	67	21	49-1/4"	40-1/4"	23"	117
<b>Grid Capable - Tall Models</b>											
DRT-40 DAK	40	36	240V	4500	.93	55	21	60-1/4"	53-1/4"	20"	106
DRT-50 DAK	50	46	240V	4500	.92	62	21	59"	51-1/4"	20-1/2"	109
DRT-55 DAK	55	55	240V	4500	.94	75	21	56-1/2"	48-1/2"	24"	145

Water connections are 3/4" on an 8" centerline.



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