

RESIDENTIAL ELECTRIC WATER HEATERS

Lochinvar's Grid-Capable residential electric models are available in 40 and 50 gallon capacities in short, medium and tall configurations.

STANDARD FEATURES

- **Code Compliance** -Complies with the Federal Energy Conservation Standards, in accordance with the Energy Policy and Conservation Act, (EPCA), as amended. Meets the thermal efficiency and standby loss requirements of ASHRAE/IES 90.1. Meets UBC, CEC and HUD national codes. Certified to UL 174 for household electric water heaters.
- **Utility Grid-Capable** - Equipped with Demand Response (CTA-2045*EcoPortCM) communication port. Allows for participation in Utility Demand Response programs (Module needed from local utility). Meets state of Washington and Oregon requirements.
- **Electronic Controls** - Features standard and vacation operating modes, six-segment display, diagnostic feedback and element "Dry-Fire" protection.
- **Immersion Heating Elements** - Dual 4500 watt elements featuring an incoloy stainless steel lower element for longer life than a standard copper element. The elements screw in for easy service and replacement.
- **Self Cleaning Dip Tube**– Helps reduce lime and sediment buildup and maximizes hot water output. Made from long-lasting PEX cross-linked polymer.
- **Glass-Lined Steel Tank** - The durable glass lining is fused to the steel tank at 1600°F to assure lasting protection against rust and corrosion while providing clear, clean hot water. 300 PSI test pressure; 150 PSI working pressure.
- **Non-CFC Foam Insulation** - A uniform coverage of thick closed-cell foam insulation minimizes standby heat loss, maximizes heat retention and delivers a high uniform Energy Factor.
- **Tank Saver Anode** - A large diameter, high capacity anode inhibits corrosion of the tank interior for long, trouble-free service.
- **Temperature & Pressure Relief Valve** - Factory installed for optimum safety.
- **Brass Drain Valve** - The solid brass, tamper resistant, enhanced-flow, ball type drain valve uses a standard female hose fitting for fast and easy maintenance. Includes an integral screwdriver slot that features a 1/4 turn (open/close) radius.
- **6-Year Limited Tank Warranty*** – See warranty sheet for details.

*1-year limited tank & parts warranty when installed in a commercial application.

GRID-CAPABLE ELECTRIC WATER HEATER

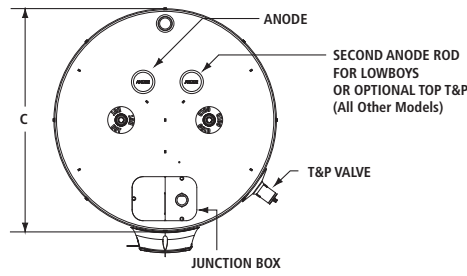
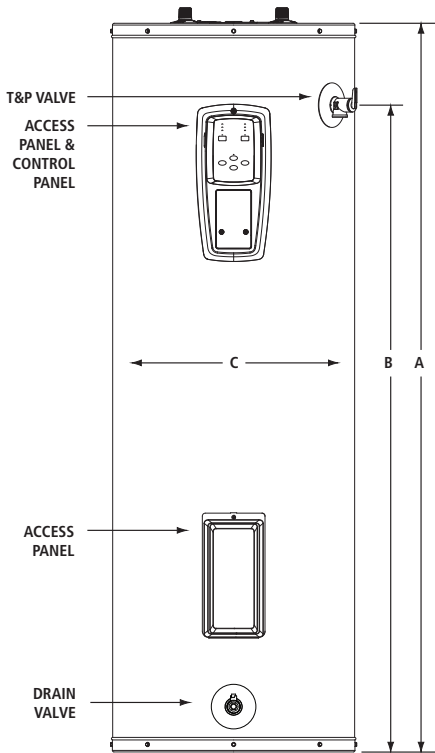


All models meet or exceed Federal and ASHRAE Energy Efficiency Standards



Lochinvar[®]
HIGH EFFICIENCY BOILERS & WATER HEATERS

DIMENSIONS & SPECIFICATIONS



VOLTAGE SCHEDULE

*J-208V - 1Ø

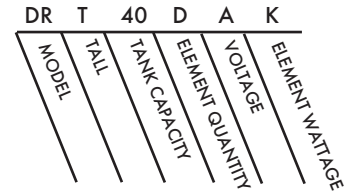
A-240V - 1Ø

* 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



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
Grid Capable - Short Models											
DRS-50B DAK	48	44	240V	4500	.92	55	21	34"	24-1/4"	26-1/2"	154
Grid Capable - Medium Models											
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
Grid Capable - Tall Models											
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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For technical information call 800-722-2101. Lochinvar, LLC reserves the right to make product changes or improvements without prior notice.