

COMMERCIAL ELECTRIC GOLD & GOLD Xi SERIES



GOLD SERIES

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ASME/CRN
(optional)

Incoloy Sheath Heating Elements Standard

- Industrial-grade Incoloy sheathed heating elements are designed for rugged long-lasting commercial service, and can withstand sheath temperatures up to 1500°F
- Prewired leads provide strong positive electrical connections to the heating elements
- Input options from 6 kW to 54 kW, recoveries from 25 gph to 221 gph at 100°F rise

Power Circuit Fusing for System Protection

- Safeguards elements and contactors from short circuits, overloading and line surges (DVE Only)
- Meets National Electrical Code requirements that non-ASME tanks must have internal fusing when current draw exceeds 48 amps

208, 240 and 480V Options for Easy Installation

- Single-phase and 3-phase delta
- Field-convertible voltages 3-phase to single-phase (and vice versa) except for 208V/54 kW
- 277V single-phase also available

Factory-Installed Terminal Block

Other Standard DRE/DVE Features

- Two anode rods for maximum corrosion protection
- Simplified circuitry, color coded for ease of service
- Bonderized undercoated baked enamel finished cabinets
- Brass Drain Valve
- CSA/ASME temperature and pressure relief valve

Compliance

- Meets the standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IES90.1

DRE Gold Model Controls

- DRE Gold models have surface mount temperature controls adjustable 120° to 181°F
- Manual reset high-temperature cutoff

DVE Gold XI Model Features

- Advanced Electronic Controls
- Displays operational, diagnostic and fault information in English.
- Heavy-Duty Magnetic Contactors
- UL-rated 100,000 cycles

Economy Operation Mode

- Control system automatically lowers the operating set point by a programmed value during user-defined time periods
- Helps reduce operating costs during unoccupied or low demand periods

3-Year Limited Tank and 1-Year Limited Parts Warranty

- For complete information, consult written warranty or go to hotwater.com

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COMMERCIAL ELECTRIC GOLD & GOLD Xi SERIES (CONTINUED)

Precise Temperature Regulation

- Operating Set Point adjustable 90° to 190°F
- DVE XI models are approved for 180 degree sanitizing
- Banks of heating elements (3 elements per bank) are energized according to adjustable (1° to 20°) differential set points for each bank. Helps reduce short cycling and operating costs by matching kW output to load conditions
- Linear sequencing - first bank on is last bank off
- Helps reduce current surge/spikes and avoid peak demand charges
- Helps reduce operating costs during low load conditions
- Manual reset high-temperature cutoff

Model Number	Gallon Capacity	Dimensions in Inches		Approx. Shipping Weight (lbs)
		Height	Diameter	
DVE-52*	50	55-3/4	21-3/4	265
DVE-80	80	60-1/4	25-1/2	280
DVE-120	119	62-1/4	29-1/2	390

Model Number	Tank Capacity	Dimensions			Inlet/Outlet (NPT)	Approx. Shipping Weight
		Height	Width	Diameter		
DRE-52*	50	55-3/4	21-3/4	27	1-1/4	265
DRE-80	80	60-1/4	25-1/2	31	1-1/4	280
DRE-120	119	62-1/4	29-1/2	35	1-1/4	390

* DRE-52 is maximum 36kW
See specification sheets or contact your local rep for optional kW's available