

# SIMPLER INSTALL. STREAMLINED SERVICE. SAFER OPERATION.



COMMERCIAL



RESIDENTIAL

The next generation of residential and commercial 75- and 98-gallon **Richmond® Ultra Low NOx Water Heaters** is simply better. They meet strict environmental standards while providing the hot water your customer needs. So they're easy to install, easy to service and easy to sell.

#### **SIMPLER INSTALL** – *Redesigned with the plumber in mind*

- Cord-free design allows models to be installed in more places without the need for a power source nearby
- Self-powered units with standard gas valves easily replace current Richmond and other manufacturer's ULN models
- Advanced ultra low NOx burners deliver increased hot water performance without increased footprint

#### **STREAMLINED SERVICE** – *Redesigned for faster and easier service*

- Easy accessibility to burner assembly unit and fewer parts make servicing fast
- Full-flow brass drain valves in commercial models speed up maintenance
- No filters to clean results in faster service calls

#### **SAFER OPERATION** – *Redesigned for enhanced safety*

- Advanced burner safety system safely shuts down the unit in the presence of flammable vapors\*
- Integrated FV (Flammable Vapor) sensor prevents flash-outs and can save the homeowner from replacing an entire unit\*
- Flame-arrestor plates and screens prevent LDO (Lint, Dust & Oil) debris from getting into the combustion chamber\*
- Integrated safety features and expanded warranty options deliver greater consumer peace of mind

#### **PLUS –**

- Side water connections enable use in space heating applications
- All models are certified for applications up to 10,000 feet above sea level

\*Residential Models only.

# RESIDENTIAL

## Richmond® ESSENTIAL® Heavy Duty Ultra Low NOx Water Heater

DESCRIPTION			FEATURES			ROUGHING IN DIMENSIONS (SHOWN IN INCHES)										ENERGY INFO
TYP	NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	GAS INPUT IN THOUS. BTU/H NAT.	RECOVERY IN G.P.H. 90° F RISE** NAT.	FIRST HOUR RATING (GALLONS)	HEIGHT TO VENT A	TANK HEIGHT B	DIAM. C	HT. TO GAS CONN D	VENT SIZE E	WATER CONN. CENTER F	HT. TO SIDE T&P VALVE G	WATER CONN. SIZE H	FRONT TO BACK I	SHIP WT. (LBS)	UNIFORM ENERGY FACTOR* (UEF)
<b>MODEL NUMBER: 6G75-76FN4</b>																
Tall	75	73	75.1	72.8	135	64	60	26-1/4	14-1/4	4	11	52-1/4	1	30-1/4	315	0.59
<b>MODEL NUMBER: 6G98-76FN4</b>																
Tall	98	93	75.1	72.8	150	67-7/8	64	27-1/4	14-1/4	4	11	57-3/8	1	31-1/8	356	0.57

\*Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements.  
 \*\*Recovery Capacity is based upon a 90° F water temperature rise and calculated per ANSI Z21.10.3 standards.

# COMMERCIAL

## Richmond® Medium Duty Ultra Low NOx Commercial Water Heater

RECOVERY CAPACITIES RECOVERY IN U.S. GALLONS/HR. (GPH) AT VARIOUS TEMPERATURE RISES													
MODEL NUMBER	INPUT (BTU/H) NATURAL	UNITS	40°F	50°F	60°F	70°F	80°F	90°F	100°F	110°F	120°F	130°F	
G75UN-EC	75,100	GPH	182	146	121	104	91	81	73	66	61	56	
G100UN-EC	75,100	GPH	182	146	121	104	91	81	73	66	61	56	

MAXIMUM DELIVERY DELIVERY IN U.S. GALLONS. (INCLUDES USABLE STORAGE AND RECOVERY FOR INDICATED TIMES)														
MODEL NUMBER	CAPACITY (GALS)	INPUT (BTU/H) NATURAL GAS	TEMP. RISE	UNITS	5 MIN.	10 MIN.	15 MIN.	20 MIN.	30 MIN.	45 MIN.	60 MIN.	120 MIN.	180 MIN.	MIN. TO REC. CONTENTS
G75UN-EC	75	75,100	100°F	GAL	59	65	71	77	89	107	125	198	271	62
G100UN-EC	98	75,100	100°F	GAL	75	81	87	93	105	123	141	214	287	81

DIMENSIONAL INFORMATION ALL DIMENSIONS IN ENGLISH UNITS											
MODEL NUMBER	UNITS	HT. TO VENT A	TANK HEIGHT B	DIAM. C	HT. TO GAS CONN. D	VENT SIZE E	WATER CONN. CTR F	HT. TO SIDE T&P VALVE G	WATER CONN. SIZE H	FRONT TO BACK I	SHIP. WEIGHT
G75UN-EC	inches	64	60	26-1/4	14-1/4	4	11	52-1/4	1	30-1/4	315 Lbs
G100UN-EC	inches	67-7/8	64	27-1/4	14-1/4	4	11	57-3/8	1	31-1/8	356 Lbs

## CONTACT US

Customer Service, Warranty and Parts: 800.621.5622

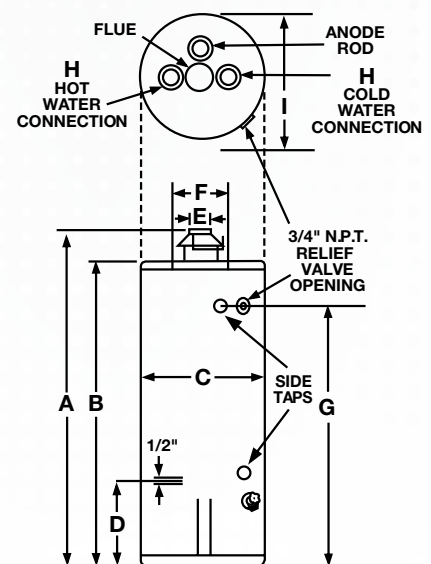
Technical Service: 800.HEATERS3 (800.432.8373)

Plumber Support Group: 866.339.2388

### RICHMOND WATER HEATERS

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 Roswell, Georgia 30076

In keeping with its policy of continuous progress and product improvement, Richmond reserves the right to make changes without notice.



RichmondWaterHeaters.com