

## **F-Series Ultra Low NOx gas water heaters are SCAQMD rule 1121 compliant with 10 ng/J NOx emissions**

### **EFFICIENCY**

- .58 - .64 UEF
- More hot water at a low operating cost

### **PERFORMANCE**

- FHR: 51 - 86 gallons for natural gas
- Recovery: 30 to 40 GPH at a 90° F rise, depending on model

### **GUARDIAN SYSTEM™ & SENSOR**

- Exclusive fuel shut-off device
- Maintenance free – no filter to clean
- Protective control system that disables the heater in the presence of flammable vapor accumulation

### **LOW EMISSIONS**

- Ultra Low NOx radiant burner design
- Stainless steel construction
- SCAQMD Rule 1121 compliant
- Meets 10 ng/J NOx requirements

### **SELF-CLEANING**

- EverKleen® patented system fights sediment build-up
- Reduces fuel costs
- Provides more hot water

### **EASY TO LIGHT**

- No matches required

### **LONGER LIFE**

- Premium grade anode rod provides long-lasting tank protection

### **HIGH ALTITUDE COMPLIANT**

- Select models certified up to 10,000 ft. above sea level

### **PLUS...**

- **NEW!** Skinny models with smaller tank diameter 16 & 18" diameter
- **NEW!** Side water connections for space heating applications **available on select models**
- Enhanced flow brass drain valve
- Temperature and pressure relief valve included
- Factory installed temperature and pressure relief valve on select models
- Low lead compliant
- Exclusive Rheemglas® lining

### **WARRANTY**

- 6-Year limited tank and parts warranty\*
- With ProtectionPlus™ the 6-year limited tank warranty becomes 10-year

\*See Residential Warranty Certificate for complete information

Units meet or exceed ANSI requirements and have been tested according to the AHRI Operations Manual and D.O.E. procedures. Units meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria.



**F-Series  
Ultra Low NOx**  
29, 40 and 50-Gallon  
Capacities  
Up to 48,000 BTU/h  
Natural Gas

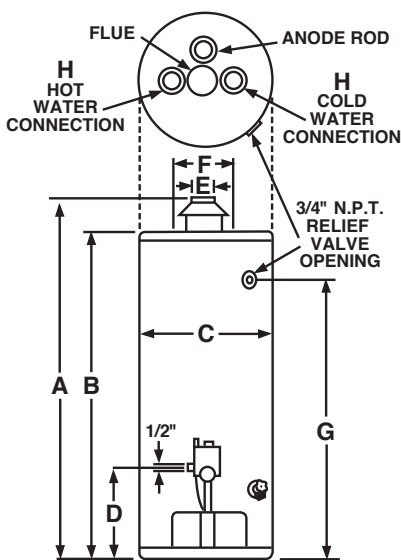


See specifications chart on back.

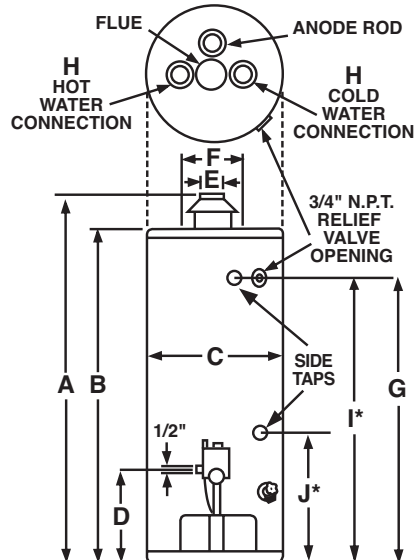
## F-Series Ultra Low NOx Specifications

DESCRIPTION				FEATURES			ROUGHING IN DIMENSIONS (SHOWN IN INCHES)									ENERGY INFO.	
T Y P E	NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	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	SHIP WT. (LBS)	UNIFORM ENERGY FACTOR (UEF)	MAX ALTITUDE (FEET)
Tall	29	28	6PROG 29-30U FD63 EC1-1	30	30	51	59-3/4	56-7/8	16-1/2	14	3 or 4	8	50-7/8	3/4	112	0.60	10,000
Tall	40	38	6PROG 40-38U FD62 EC1-1	38	38	71	61-1/2	58-1/2	19	14	3 or 4	8	52-1/4	3/4	127	0.58	10,000
Tall	50	48	6PROG 50-38U FD60 EC1-1	38	38	86	61-1/4	58-3/8	20-1/2	14	3 or 4	8	51-3/8	3/4	162	0.63	10,000
Tall	50	48	6PROG 50-38U FD62 EC1-1	38	38	84	61-1/4	58-3/8	23	14	3 or 4	8	51-3/8	3/4	162	0.64	10,000
Short	39	37	6PROG 39S-38U FD62 EC1-1	38	38	68	52-1/8	49-1/4	21	14	3 or 4	8	42-3/4	3/4	135	0.59	10,000
Short	50	48	6PROG 50S-40U FD60 EC1-1	40	40	85	54-1/4	51-1/8	23-3/4	14	3 or 4	8	44-1/4	3/4	186	0.63	10,000
Models with Installed Top T&P Valve																	
Tall	40	38	6PROG 40-38U FD62 EC1 TT-1	38	38	71	61-1/2	58-1/2	19	14	3 or 4	8	–	3/4	127	0.58	10,000
Tall	50	48	6PROG 50-38U FD60 EC1 TT-1	38	38	86	61-1/4	58-3/8	20-1/2	14	3 or 4	8	–	3/4	162	0.63	10,000
NEW! Skinny Models																	
Tall	29	28	6PROG 29-31U FD EC1	27	31	58	59-3/4	56-7/8	16	14-1/4	3 or 4	11	50-3/4	3/4	112	0.60	7,800
Tall	40	38	6PROG 40-34U FD EC1	34	34	71	61-1/2	58-1/2	18	14	3 or 4	8	52-1/4	3/4	135	0.59	5,400
Tall	50	46	6PROG 50-34U FD EC1	34	34	80	61-1/4	58-3/8	20	14	3 or 4	8	51-3/8	3/4	150	0.63	5,400
NEW! Skinny Models with Installed Top T&P Valve																	
Tall	40	38	6PROG 40-34U FD EC1 TT	34	34	71	61-1/2	58-1/2	18	14	3 or 4	8	–	3/4	135	0.59	5,400
Tall	50	46	6PROG 50-34U FD EC1 TT	34	34	80	61-1/4	58-3/8	20	14	3 or 4	8	–	3/4	150	0.63	5,400

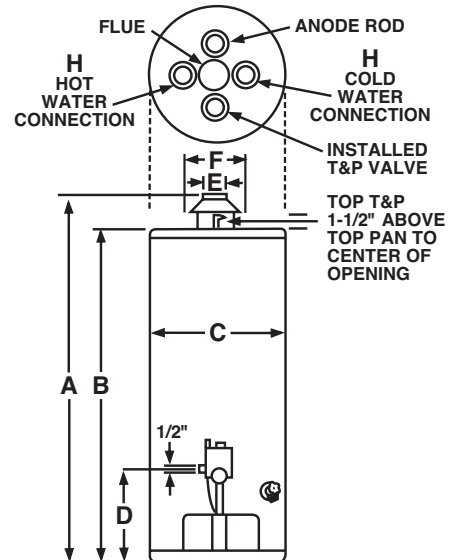
Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements.



Side T&P Models



Side Water Connection Models



Top T&P Models

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

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