

F-Series Atmospheric gas water heaters are engineered for more hot water at a low operating cost

EFFICIENCY

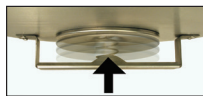
- .58 - .66 UEF
- More hot water at a low operating cost

PERFORMANCE

- FHR: 51 - 105 gallons
- Recovery: 30.3 to 61 GPH at a 90° F rise, depending on model

GUARDIAN SYSTEM™ & SENSOR

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



Combustion Shut-off System



Flame Arrestor Plate



Maintenance Free

LOW EMISSIONS

- Eco-friendly burner, low NOx design
- Meets 40 ng/J NOx requirements

LONGER LIFE

- Premium grade anode rod provides long-lasting tank protection

ALTITUDE CERTIFICATION

- All models certified up to 5,999 feet above sea level, some certified up to 10,000 feet. Consult factory for specifications

PLUS...

- Side water connections for space heating applications **available on select models**• Easy to light – no matches required
- EverKleen® patented system fights sediment build-up
- Exclusive tank lining resists corrosion and prolongs tank life
- Enhanced flow brass drain valve
- Temperature and pressure relief valve included
- Factory installed temperature and pressure relief valve on select models
- Low lead compliant
- Standard replacement parts

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 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 Atmospheric

29, 30, 40 and
50-Gallon Capacities
Up to 40,000 BTU/h
Natural and LP Gas



† LEED Point = 1

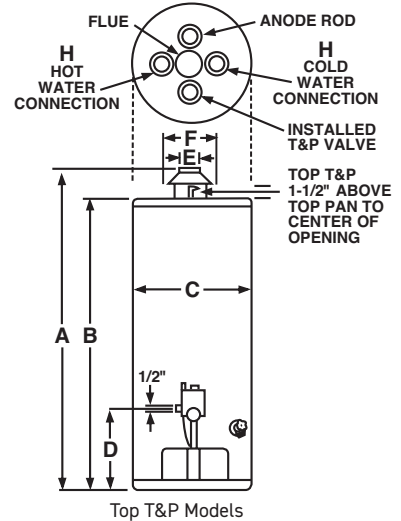
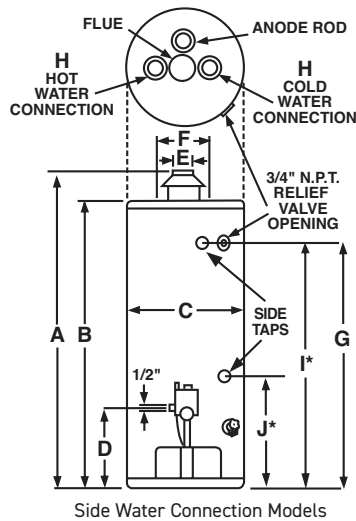
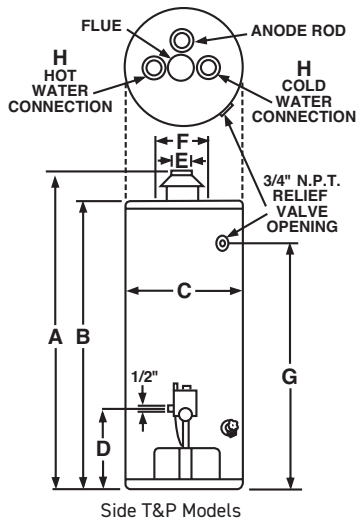
See specifications chart on back.

F-Series Atmospheric 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		RECOVERY IN G.P.H. 90° F RISE		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)		
				NAT.	LP	NAT.	LP	NAT.	LP												
Tall	29	28	6PROG 29-32N FD63*	32	-	32.3	-	63	-	59-3/4	56-7/8	16-1/2	14-1/4	3 or 4	8	50-3/4	3/4	110	0.60		
Tall	29	28	6PROG 29-32N FD63	-	30	-	30.3	-	63	59-3/4	56-7/8	16-1/2	14-1/4	3 or 4	8	50-3/4	3/4	110	0.60		
Tall	40	38	6PROG 40-36N FD62†	36	-	36.4	-	64	-	61-1/2	58-1/2	19	14-1/4	3 or 4	8	52-1/4	3/4	127	0.58		
Tall	40	38	6PROG 40-38N FD62*†	38	-	38.4	-	64	-	61-1/2	58-1/2	19	14-1/4	3 or 4	8	52-1/4	3/4	127	0.58		
Tall	40	38	6PROG 40-40N FD62†	40	-	40.4	-	84	-	63-1/4	60	19-1/2	14	3 or 4	8	53-1/2	3/4	135	0.66		
Tall	40	38	6PROG 40-36P FD62†	-	36	-	36.3	-	84	63-1/4	60	19-1/2	14	3 or 4	8	53-1/2	3/4	135	0.66		
Tall	40	38	6PROG 40-32P FD62†	-	32	-	32.3	-	67	61-1/2	58-1/2	18-1/2	14-1/4	3 or 4	8	52-1/4	3/4	125	0.59		
Tall	50	48	6PROG 50-40N FD62†	40	-	40.4	-	76	-	62-1/2	59-1/4	21-1/2	14-1/2	3 or 4	8	52-1/2	3/4	165	0.65		
Tall	50	48	6PROG 50-36P FD62†	-	36	-	36.4	-	76	62-1/2	59-1/4	21-1/2	14-1/2	3 or 4	8	52-1/2	3/4	165	0.65		
Tall	50	48	6PROG 50-38N FD60*†	38	-	38.4	-	85	-	61-1/4	58-3/8	20-1/2	14-1/4	3 or 4	8	51-3/8	3/4	150	0.64		
Tall	50	48	6PROG 50-36P FD60†	-	36	-	36.4	-	85	61-1/4	58-3/8	20-1/2	14-1/4	3 or 4	8	51-3/8	3/4	150	0.64		
Short	30	29	6PROG 30S-30N FD63	30	-	30.3	-	51	-	49-7/8	47	19-3/4	14-1/4	3 or 4	8	40-3/8	3/4	112	0.60		
Short	40	38	6PROG 40S-40N FD62†	40	-	40.4	-	66	-	53-7/8	50-1/2	23	14-1/2	3	8	44	3/4	135	0.58		
Short	40	38	6PROG 40S-36P FD62†	-	36	-	36.4	-	66	53-7/8	50-1/2	23	14-1/2	3	8	44	3/4	135	0.58		
Short	40	39	6PROG 40S-38N FD62†	38	-	38.4	-	65	-	53-1/4	50-1/4	21-3/8	14-1/4	3 or 4	8	44	3/4	125	0.58		
Short	40	39	6PROG 40S-35P FD62†	-	35	-	35.4	-	65	53-1/4	50-1/4	21-3/8	14-1/4	3 or 4	8	44	3/4	125	0.58		
Short	40	38	6PROG 40S-34N FD62	34	-	34.3	-	65	-	52-3/8	49-1/8	21	14	3 or 4	8	42-3/4	3/4	120	0.59		
Short	40	38	6PROG 40S-31P FD62	-	31	-	31.3	-	65	52-3/8	49-1/8	21	14	3 or 4	8	42-3/4	3/4	120	0.59		
Short	50	48	6PROG 50S-40N FD61†	40	-	40.4	-	87	-	54-1/4	51-1/8	23-3/4	14-1/4	3 or 4	8	44	3/4	186	0.63		
Short	50	48	6PRO 50S-36P FD61†	-	36	-	36.4	-	87	54-1/4	51-1/8	23-3/4	14-1/4	3 or 4	8	44	3/4	186	0.63		
Models with Installed Side Water Connections and Side T&P Valve																					
Tall	40	38	6PROG 40-40N FD AX	40	-	40.4	-	84	-	63-1/4	60	19-1/2	14	3 or 4	8	53-1/2	3/4	134	0.66		
Tall	40	38	6PROG 40-36P FD AX	-	36	-	36.4	-	84	63-1/4	60	19-1/2	14	3 or 4	8	53-1/2	3/4	134	0.66		
Tall	48	46	6PROG 48-60N FD AX	60	-	61	-	105	-	61-3/4	58-1/2	21-3/4	14-3/8	4	11	51-7/8	3/4	168	0.62		
Tall	48	46	6PROG 48-54P FD AX	-	54	-	55	-	105	61-3/4	58-1/2	21-3/4	14-3/8	4	11	51-7/8	3/4	168	0.62		
Models with Installed Top T&P Valve																					
Tall	40	38	6PROG 40-38N FD62 TT	38	-	38.4	-	64	-	61-1/2	58-1/2	19	14-1/4	3 or 4	8	-	3/4	127	0.58		
Tall	40	38	6PROG 40-40N FD62 TT	40	-	40.4	-	84	-	63-1/4	60	19-1/2	14	3 or 4	8	-	3/4	135	0.66		
Tall	50	48	6PROG 50-40N FD62 TT	40	-	40.4	-	76	-	62-1/2	59-1/4	21-1/2	14-1/2	3 or 4	8	-	3/4	165	0.65		
Tall	50	48	6PROG 50-38N FD60 TT	38	-	38.4	-	85	-	61-1/4	58-3/8	20-1/2	14-1/4	3 or 4	8	-	3/4	150	0.64		

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

*High Altitude model available, Add H to the end of the marketing model. High altitude model is certified up to 10,000 ft.



*Side water connection dimensions will vary based on gallon capacity
40-Gallon Model: I*: 53-1/2" / J*: 20"
50-Gallon Model: I*: 52" / J*: 20"

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

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