

Essential

Essential Atmospheric gas water heaters are engineered for more hot water at a low operating cost

EFFICIENCY

- .58 - .65 UEF
- More hot water at a low operating cost

PERFORMANCE

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

FLAMMABLE VAPOR DETECTION SYSTEM

- Exclusive air/fuel shut-off device for double protection
- Maintenance free – no filter to clean
- Disables the heater in the presence of flammable vapor accumulation

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 ft. above sea level, some certified up to 10,200 ft.

PLUS...

- Easy to light – no matches required
- Side water connections for space heating applications on the 48-gallon tall model**
- Low lead compliant
- Temperature and pressure relief valve included
- Factory installed temperature and pressure relief valve on select models
- Standard replacement parts

WARRANTY

- 6-Year limited tank and parts warranty*

*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.



**48-gallon tall model with side water connections

*Essential
Atmospheric*
29, 30, 40, 48, 50 and
55-Gallon Capacities
Up to 60,000 BTU/h
Natural and LP Gas



*LEED Point = 1

See specifications chart on back.

Essential

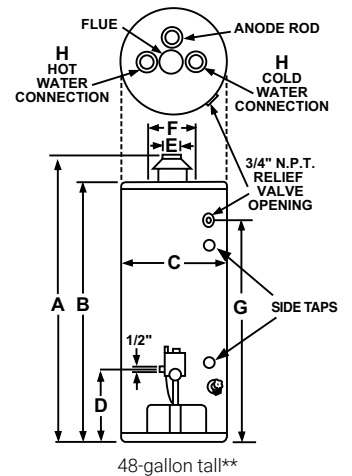
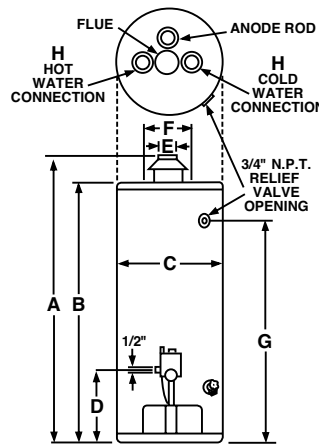
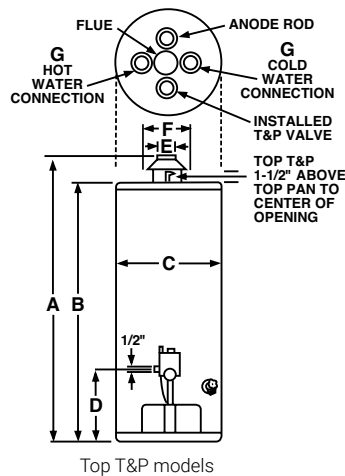
Atmospheric Specifications

TYPE	DESCRIPTION			FEATURES				ROUGHING IN DIMENSIONS (SHOWN IN INCHES)								ENERGY INFO.			
	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)	HT. 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 WEIGHT (LBS)	UNIFORM ENERGY FACTOR (UEF)	ESTIMATED YEARLY ENERGY COST
				NAT.	LP	NAT.	LP												
Tall	29	28	6G30-32F3	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	\$201
Tall	29	28	6G30-30PF3	-	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	\$487
Tall	40	38	6G40-36F3*	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	\$208
Tall	40	38	6G40-32PF3*	-	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	\$496
Tall	40	38	6GR40-40F3*	40	-	40.4	-	84	63-1/4	60	19-1/2	14	3 or 4	8	53-1/2	3/4	135	0.66	\$280
Tall	40	38	6GR40-36PF3*	-	36	-	36.3	84	63-1/4	60	19-1/2	14	3 or 4	8	53-1/2	3/4	135	0.66	\$677
Tall	48	46	6G50-60F3	60	-	61	-	105	61-3/4	58-1/2	21-3/4	14-3/8	4	11	51-7/8	3/4	150	0.62	\$298
Tall	48	46	6G50-54PF3	-	54	-	55	105	61-3/4	58-1/2	21-3/4	14-3/8	4	11	51-7/8	3/4	150	0.62	\$720
Tall	50	48	6GR50-40F3*	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	\$284
Tall	50	48	6GR50-36PF3*	-	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	\$687
Tall	50	48	6G50-38F3*	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	\$288
Tall	50	48	6G50-36PF3*	-	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	\$698
Tall	55	55	6G55-50F3	50	-	51	-	91	59-1/8	55-7/8	23-3/4	14-1/4	4	8	48-3/4	3/4	175	0.62	\$298
Tall	55	55	6G55-45PF3	-	45	-	46	91	59-1/8	55-7/8	23-3/4	14-1/4	4	8	48-3/4	3/4	175	0.62	\$720
Short	30	29	6G30S-30F3	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	\$201
Short	40	38	6G40S-34F3*	34	-	34.3	-	65	52-1/8	49-1/4	21	14-1/4	3 or 4	8	42-3/4	3/4	120	0.59	\$205
Short	40	38	6G40S-31PF3*	-	31	-	31.3	65	52-1/8	49-1/4	21	14-1/4	3 or 4	8	42-3/4	3/4	120	0.59	\$496
Short	40	39	6G40S-38F3*	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	\$208
Short	40	39	6G40S-35PF3*	-	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	\$504
Short	50	48	6G50S-40F3*	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	\$293
Short	50	48	6G50S-36PF3*	-	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	\$709
Models with Installed Top T&P Valve																			
Tall	40	38	6GT40-36F3*	36	-	36.4	-	64	61-1/2	58-1/2	19	14-1/4	3 or 4	8	-	3/4	127	0.58	\$208
Tall	40	38	6GRT40-40F3*	40	-	40.4	-	84	63-1/4	60	19-1/2	14	3 or 4	8	-	3/4	135	0.66	\$280
Tall	50	48	6GRT50-40F3*	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	\$284
Tall	50	48	6GT50-38F3*	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	\$288

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



LEED Point = 1



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

Richmond Water Heaters • 1115 Northmeadow Parkway, Suite 100, Roswell, Georgia 30076
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