

Ultra Low NOx Water Heaters



Professional Achiever® 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...

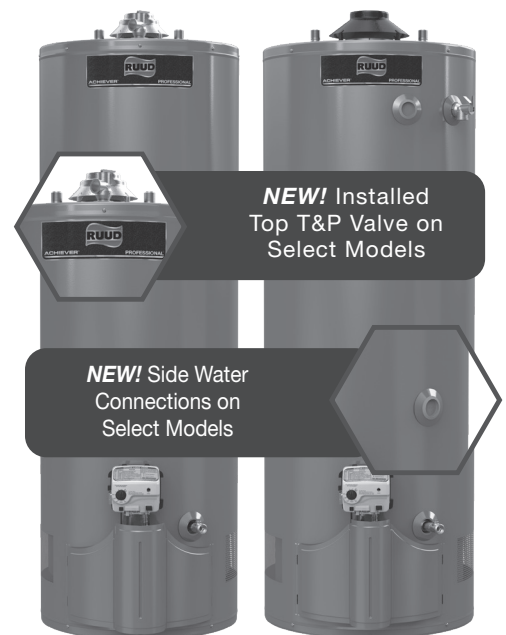
- **NEW!** Skinny models with smaller tank diameter 16 & 18" diameter
- **NEW!** Side water connections for space heating applications **available on select models**
- Enhanced flow brass drain valve
- Temperature and pressure relief valve included
- Factory installed temperature and pressure relief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



Professional Achiever Ultra Low NOx

29, 39, 40 and 50-Gallon Capacities
Up to 48,000 BTU/h
Natural Gas



See specifications chart on back.

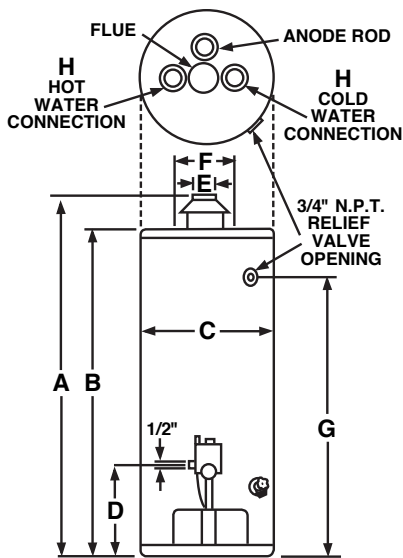
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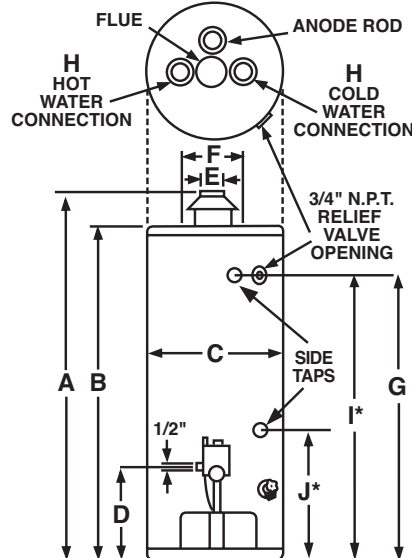
Professional Achiever® Ultra Low NOx Specifications

DESCRIPTION				FEATURES			ROUGHING IN DIMENSIONS (SHOWN IN INCHES)										ENERGY INFO.		MAX ALTITUDE (FEET)
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)			
Tall	29	28	PROG29-30U RU63 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	PROG40-38U RU62 EC1-1	38	38	72	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	PROG50-38U RU60 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	PROG50-38U RU62 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	PROG39S-38U RU62 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	PROG50S-40U RU60 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	PROG40-38U RU62 EC1 TT-1	38	38	72	61-1/2	58-1/2	19	14	3 or 4	8	–	3/4	127	0.58	10,000		
Tall	50	48	PROG50-38U RU60 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	PROG29-27U RU 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	PROG40-34U RU EC1	34	34	71	61-1/2	58-1/2	18	14	3 or 4	8	52-1/4	3/4	135	0.58	5,400		
Tall	50	46	PROG50-34U RU 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	PROG40-34U RU EC1 TT	34	34	71	61-1/2	58-1/2	18	14	3 or 4	8	–	3/4	135	0.58	5,400		
Tall	50	46	PROG50-34U RU EC1 TT	34	34	80	61-1/4	58-3/8	20	14	3 or 4	8	–	3/4	150	0.63	5,400		
NEW! High BTU Models with Installed Side Water Connections																			
Tall	50	48	PROG48-48U RU EC1	48	46	88	61-3/4	58-1/2	21-3/4	4	4	11	51-7/8	3/4	150	0.63	10,000		

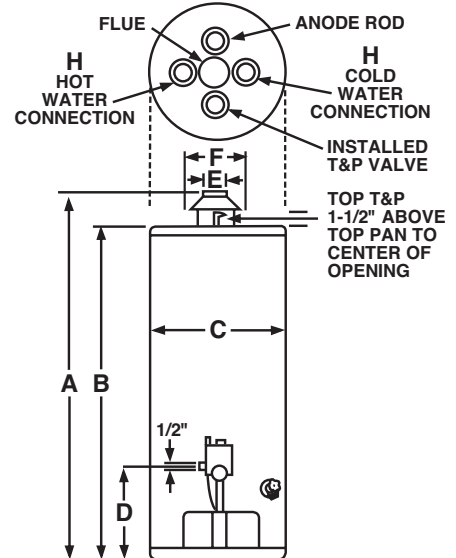
Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements.



Side T&P Models



Side Water Connection Models



Top T&P Models

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

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