



The new degree of comfort.™



Water

Residential Gas
Imperial Water Heaters

The Imperial gas water heater line features the Guardian System™ and a 10 year limited tank and parts warranty

Efficiency

- .58 - .62 EF
- More hot water at a low operating cost

Performance

- FHR: 68 - 90 gallons for natural gas
- Recovery rate is 38.4 - 50.5 gallons at a 90 degree rise

Guardian System™ & Sensor

- Exclusive air/fuel shut-off device
- 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

- Patented magnesium anode rod with resistor protects the tank from rust

High Altitude Compliant

- All models certified up to 6,000 ft. above sea level
- Some models certified up to 10,200 ft. above sea level, check factory for listings

Plus...

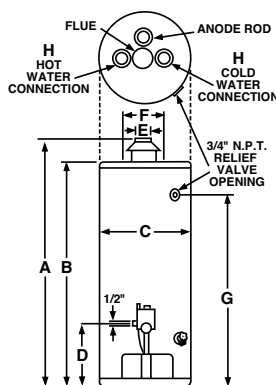
- Easy to light – no matches required
- EverKleen™ patented system fights sediment build-up
- Brass drain valve and temperature and pressure relief valve are included
- Standard replacement parts

Warranty

- 10-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.



Imperial

38, 40 and 50-Gallon Capacities
Up to 50,000 Btu/h
Natural and LP Gas



DESCRIPTION			FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)										ENERGY INFO.	
TYPE	GAL. CAP.	MODEL NUMBER	GAS INPUT IN THOUS. BTU/H		RECOVERY IN G.P.H. 90° RISE		FIRST HOUR DEL. G.P.H.	HT. TO VENT A	TANK HT. B	DIAM. C	HT. TO GAS CONN. D	VENT SIZE E	WATER CONN. CNTR. F	HT. TO SIDE T&P G	WATER CONN. H	SHIP. WT. (LBS)	ENERGY FACTOR NAT.	AVG. ANN. OPER. COST NAT.	
			NAT.	LP	NAT.	LP													
TALL	38	42X40F	40	34	40.4	34.3	68	61-1/2	57-3/4	19-3/4	14-1/2	3	8	52-1/4	3/4	125	0.60	\$304	
	40	22X40F1	38	—	38.4	—	73	61-3/4	58-3/8	18-1/8	14-1/2	3	8	52-1/4	3/4	120	0.59	\$309	
	40	42XR40-40F	40	34	40.4	34.3	68	63-1/4	59-5/8	21	14-1/2	3	8	53-1/2	3/4	135	0.62	\$294	
	50	42XR50-40F	40	36	40.4	36.4	83	62-1/4	58-3/4	23	14-1/2	3	8	52-1/2	3/4	165	0.62	\$294	
	50	22X50F1	38	—	38.4	—	90	61-1/2	58-1/4	20-1/8	14-1/2	3	8	51-3/8	3/4	130	0.58	\$315	
	50	42X50-40F	40	36	40.4	36.4	82	61-1/2	58	21-3/4	14-1/2	3	8	52-1/2	3/4	150	0.58	\$315	
SHORT	40	22X40SF	36	34	36.4	34.3	72	52-3/4	49-3/8	20-1/8	14-1/2	3	8	42-3/4	3/4	130	0.59	\$309	
	40	42X40SF	40	36	40.4	36.4	72	53-7/8	50-1/2	20-1/8	14-1/2	3	8	44	3/4	130	0.59	\$309	

Specify LP gas when ordering. Add "P" suffix to the model number. Example: 42XR40-40PF.

Energy Factor and Average Annual Operating Costs based on D.O.E. (Department of Energy) test procedures. D.O.E. national average fuel rate natural gas \$1.218/therm; LP \$1.87/gallon.

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

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INTEGRATED HOME COMFORT