

H-Series Powered Damper gas water heaters are energy efficient and offer a 12-year warranty

EFFICIENCY

- .66 - .69 UEF

PERFORMANCE

- FHR: 71 - 79 gallons
- Recovery: Up to 40.4 GPH at a 90° F rise, depending on model

SELF-DIAGNOSTIC SYSTEM

- Electronic gas control for improved monitoring and service

LOW EMISSIONS

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

TECHNOLOGY

- 24 VAC flue damper, 110 VAC outlet required
- Includes 19-foot cord, 3-prong plug
- Standard Cat. I, double-wall, B-vent, 3" (4" adaptor included)

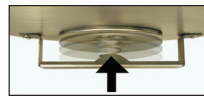


What is a Powered Damper?

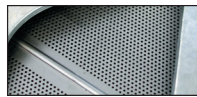
The 24-volt powered flue damper is positioned atop the unit. It opens and closes automatically in response to gas-burner activity. When the combustion stops, it signals the damper to close, trapping the heat inside the flue and delivering more heat to the water.

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



Combustion Shut-off System



Flame Arrestor Plate



Maintenance Free

LONGER LIFE

- Premium grade anode rod provides long-lasting tank protection

HIGH ALTITUDE COMPLIANT

- Certified to 10,100 ft. above sea level

PLUS...

- Dual certified for both potable water and space heating
- Enhanced flow brass drain valve
- Temperature and pressure relief valve included
- Low lead compliant
- EverKleen® patented system fights sediment build-up
- Standard replacement parts

WARRANTY

- 12-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.



H-Series Powered Damper

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



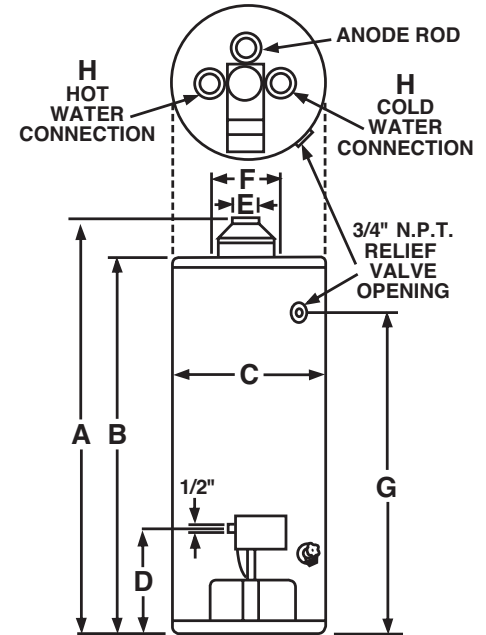
LEED Point = 1

See specifications chart on back.

H-Series Powered Damper Specifications

DESCRIPTION				FEATURES						ROUGHING IN DIMENSIONS (SHOWN IN INCHES)										ENERGY INFO.	
TYPE	NOMINAL GALLON CAPACITY	RATED GALLON CAPACITY	MODEL NUMBER	GAS INPUT IN THOUS. BTU/H		RECOVERY IN G.P.H. 90° F RISE		FIRST HR. 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	38	37	12PROG 38-40N FD69 PD-1	40	-	40.4	-	66	-	62-3/4	57-3/4	19-3/4	14	3 or 4	8	52-1/4	3/4	140	0.68		
Tall	50	48	12PROG 50-40N FD67 PD-1	40	-	40.4	-	79	-	63	58	21-3/4	14	3 or 4	8	52-1/2	3/4	160	0.69		

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



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

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