

WHGS**POWER VENT GAS WATER HEATER****Natural Gas | Intelligent Gas Control | Short and Tall Models****RESIDENTIAL
PRODUCT SPECIFICATIONS (EHB)****40 and 50 Gallons
40 kBtuh Input****FEATURES****Intelligent Gas Control**

- A microprocessor constantly monitors and controls burner operation to maintain consistent and accurate water temperature levels
- Hot surface pilot ignition system results in savings of pilot gas during standby periods (120 VAC)

LED Control Light

- Displays operation status and diagnostics information to assist the installer in troubleshooting

Built-In Gas Pressure Regulation

- Incorporates energy cut-off switch to prevent abnormally high water temperature for added safety

Lennox Lock™ Technology

- Unique design prevents flames from traveling backwards through the flame arrestor plate and outside of the water heater if flammable vapors are present
- Provides extra protection

Sightglass Window

- Offers combustion chamber view

SediMotion™ Turbulence-Inducing Dip Tube

- Engineered to reduce sediment buildup inside the tank

Full Flow Brass Drain Valve

- Allows easy and quick drainage

Factory Installed Heat Traps

- Reduces standby heat loss caused by heat mitigation to water pipes

Temperature And Pressure Relief Valve

- Factory provided and installed

QUALITY**Heavy Gauge Steel Tank**

- Extra years of trouble-free service

Permaclad™ Glass-Lined Tank

- Lined and fired at 1600°F for optimum protection from the effects of corrosion

Aluminum Anode Rod

- Prolongs tank life

WARRANTY

- Tank - Limited six years in residential applications, one year in non-residential applications
- Components - Limited six years in residential applications, one year in non-residential applications

NOTE - Refer to Lennox® Basic Limited Warranty at www.Lennox.com for additional details.

**PERFORMANCE**

- Up to 0.71 UEF
- Up to 110 gallons First Hour Rating (FHR)

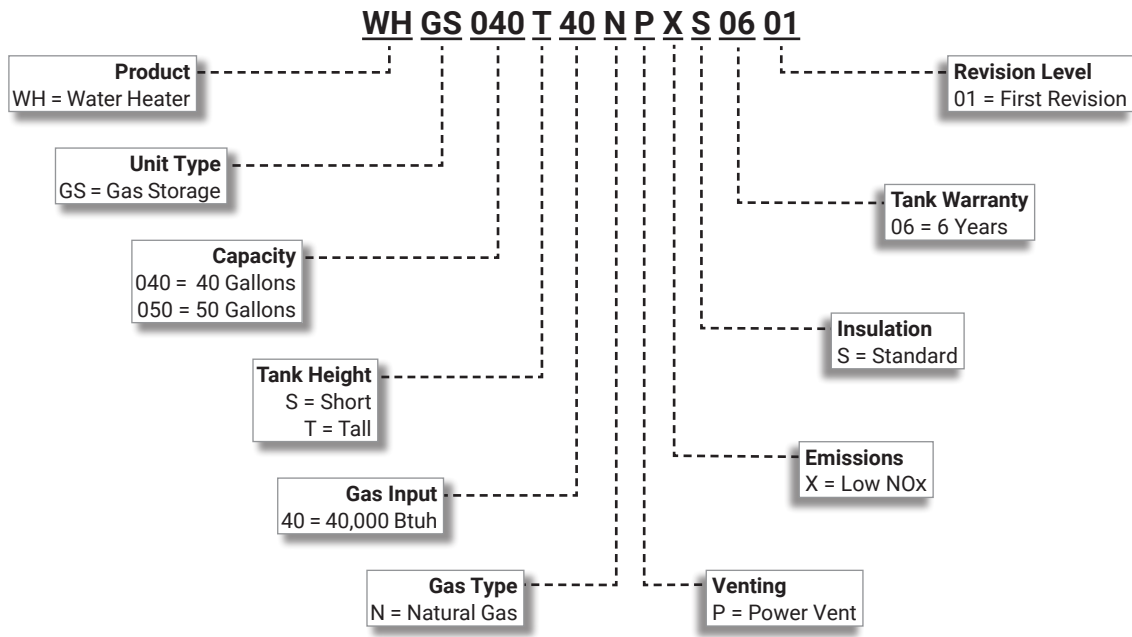
HFO Foam Insulated

- Two-inch thick, environmentally-friendly insulation foam
- Saves energy, reduces fuel cost by maximizing heat retention
- Contributes to overall energy efficiency

APPROVALS

- All models design tested and certified in accordance with CSA / ANSI Z21.10.1 * CSA 4.1.
- AHRI certified
- Energy Efficiency tested in accordance with DOE test procedures, meets or exceeds the requirements of ANSI, ASHRAE, and National Appliance Energy Conservation Act.

MODEL NUMBER IDENTIFICATION



SPECIFICATIONS

Model		WHGS040T40 NPXS06	WHGS050T40 NPXS06	WHGS040S40 NPXS06	WHGS050S40 NPXS06
Tank Height		Tall	Tall	Short	Short
Insulation		Standard	Standard	Standard	Standard
Nominal Capacity	Gallons	40	50	40	50
DOE Rated Capacity	Gallons	38	48	39	48
First Hour Rating	Gallons	78	81	71	80
¹ GPH Recovery @ 90°F Rise	Gallons	43	43	40	43
Btuh Input	Natural Gas	40,000	40,000	40,000	40,000
Vent Diameter	in. (mm)	3 (76)	3 (76)	3 (76)	3 (76)
Uniform Energy Factor		0.70	0.70	0.64	0.69
Line voltage data (Volts-Phase-Hz)		120V-1-60	120V-1-60	120V-1-60	120V-1-60
Recommended Drain Pan Diameter	in. (mm)	22 (559)	24 (610)	24 (610)	26 (660)
Shipping Weight	lbs.	143	154	176	221

NOTES - All models comply with NAECA requirements.

All models are certified at 300 PSI test pressure and 150 PSI working pressure.

¹ Recovery capacity based on actual performance tests.

MINIMUM EQUIVALENT VENT LENGTHS

Minimum Vent Length Equivalent (Feet)	
2 inch	3 inch
7 feet + termination elbow	15 feet + termination elbow

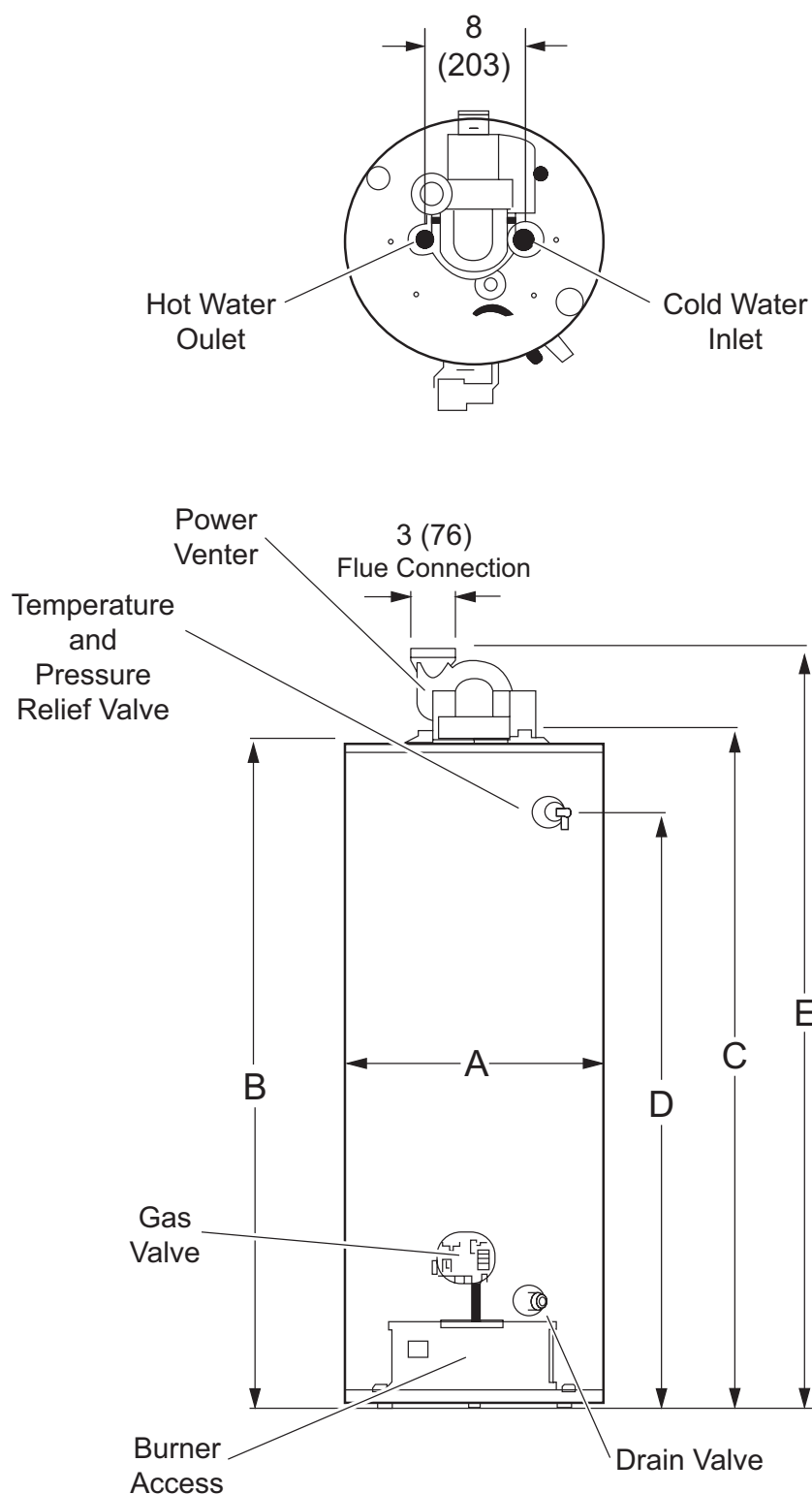
MAXIMUM EQUIVALENT VENT LENGTHS

Maximum Vent Length Equivalent (Feet)	
2 inch	3 inch
50 feet + termination elbow	125 feet + termination elbow

NOTE - Maximum vent length shall be reduced by 5 feet of pipe for each additional 90° elbow.

For each additional 45° elbow the maximum vent length shall be reduced approximately 3 feet of pipe.

DIMENSIONS



Model	A		B		C		D		E	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
WHGS040T40NPXS06	20-1/4	514	59-1/2	1511	60-3/4	1543	53-1/4	1353	68-1/4	1734
WHGS050T40NPXS06	22-1/2	572	58-1/4	1480	59-1/4	1505	51-1/2	1308	66-1/2	1689
WHGS040S40NPXS06	22-1/2	572	49-1/2	1257	51	1295	43	1092	58	1473
WHGS050S40NPXS06	24-1/2	622	50	1270	51	1295	43-1/4	1099	58-1/2	1486



Visit us at www.Lennox.com

For the latest technical information, www.LennoxPros.com

Contact us at 1-800-9-LENNOX

NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability.
Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury.
Installation and service must be performed by a qualified installer and servicing agency.

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