WHGS

ULTRA-LOW NOX ATMOSPHERIC GAS WATER HEATER

Natural Gas | Tall and Low Boy Models

RESIDENTIAL
PRODUCT SPECIFICATIONS (EHB)

30, 40 and 50 Gallons
Meets NOx Limit of 10 ng/J
35 to 40 kBtuh Input

FEATURES

Ultra-Low Nox Burner
- Complies with Southern California SCAQMD 2008 Rule 1121 and Northern California BAAQMD 2009 10ng/J NOx emissions requirements

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

Traditional Mechanical Gas Valve
- Simple and maintenance-free operation

Spark Igniter
- Easy push button pilot lighting

Factory Installed Energy Cut-Off System
- Automatic thermostat with built-in gas pressure regulation
- Incorporates energy cut-off switch to prevent abnormally high water temperature for added safety

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

Magnesium 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 0.66 UEF
- Up to 86 gallons First Hour Rating (FHR)

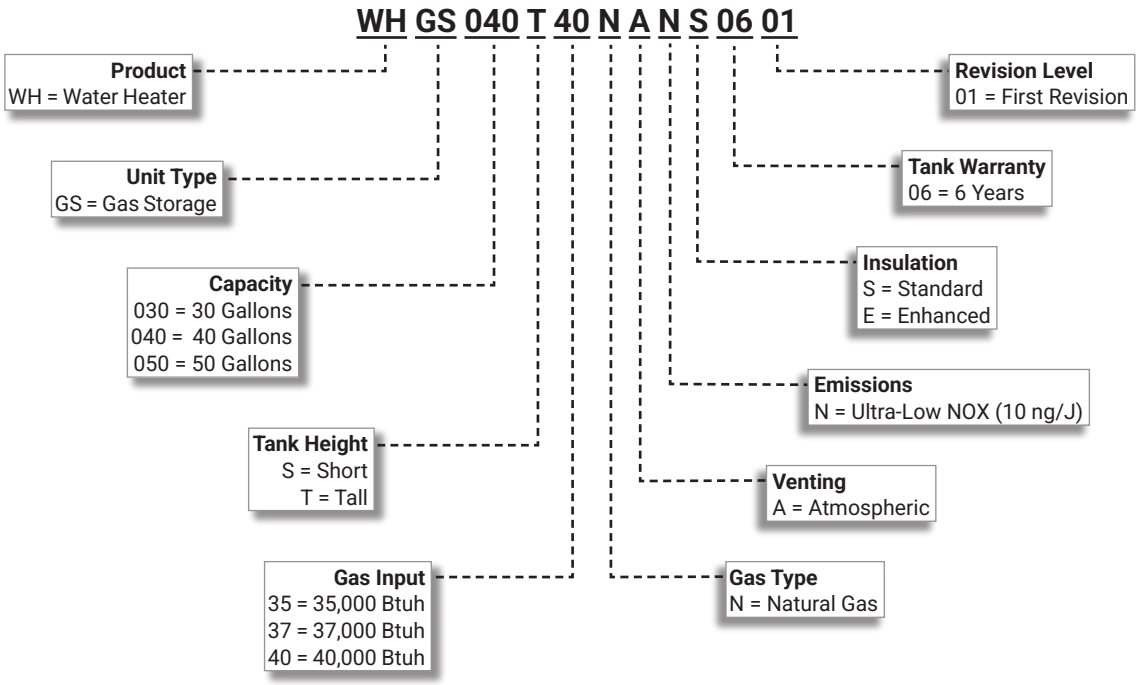
HFO Foam Insulated
- Two-inch thick, environmentally-friendly insulation foam
- Saves energy, reduces fuel cost by maximizing heat retention
- Contributes to overall energy efficiency

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
- Select models are certified to 10,100 feet

Form Number 211264 | March 2026
Supersedes all previous versions

MODEL NUMBER IDENTIFICATION



SPECIFICATIONS — TALL MODELS

Model		WHGS030T 35NANS06	WHGS040T 40NANS06	WHGS040T 40NANE06	WHGS050T 40NANS06	WHGS050T 40NANE06
Insulation		Standard	Standard	Enhanced	Standard	Enhanced
Gas Type		Natural	Natural	Natural	Natural	Natural
Tank Height		Tall	Tall	Tall	Tall	Tall
Nominal Capacity	Gallons	30	40	40	50	50
DOE Rated Capacity	Gallons	29	38	38	47	47
First Hour Rating	Gallons	70	68	74	86	86
[1] GPH Recovery @ 90°F Rise	Gallons	33	38	38	38	38
Btuh Input	Natural Gas	35,000	40,000	40,000	40,000	40,000
Vent Diameter	in. (mm)	3 (76)	3 (76)	3 (76)	3 (76)	3 (76)
Uniform Energy Factor		0.60	0.59	0.60	0.63	0.66
Recommended Drain Pan Diameter	in. (mm)	18 (457)	20 (508)	22 (559)	22 (559)	24 (610)
Shipping Weight	lbs.	135	151	157	170	176

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.

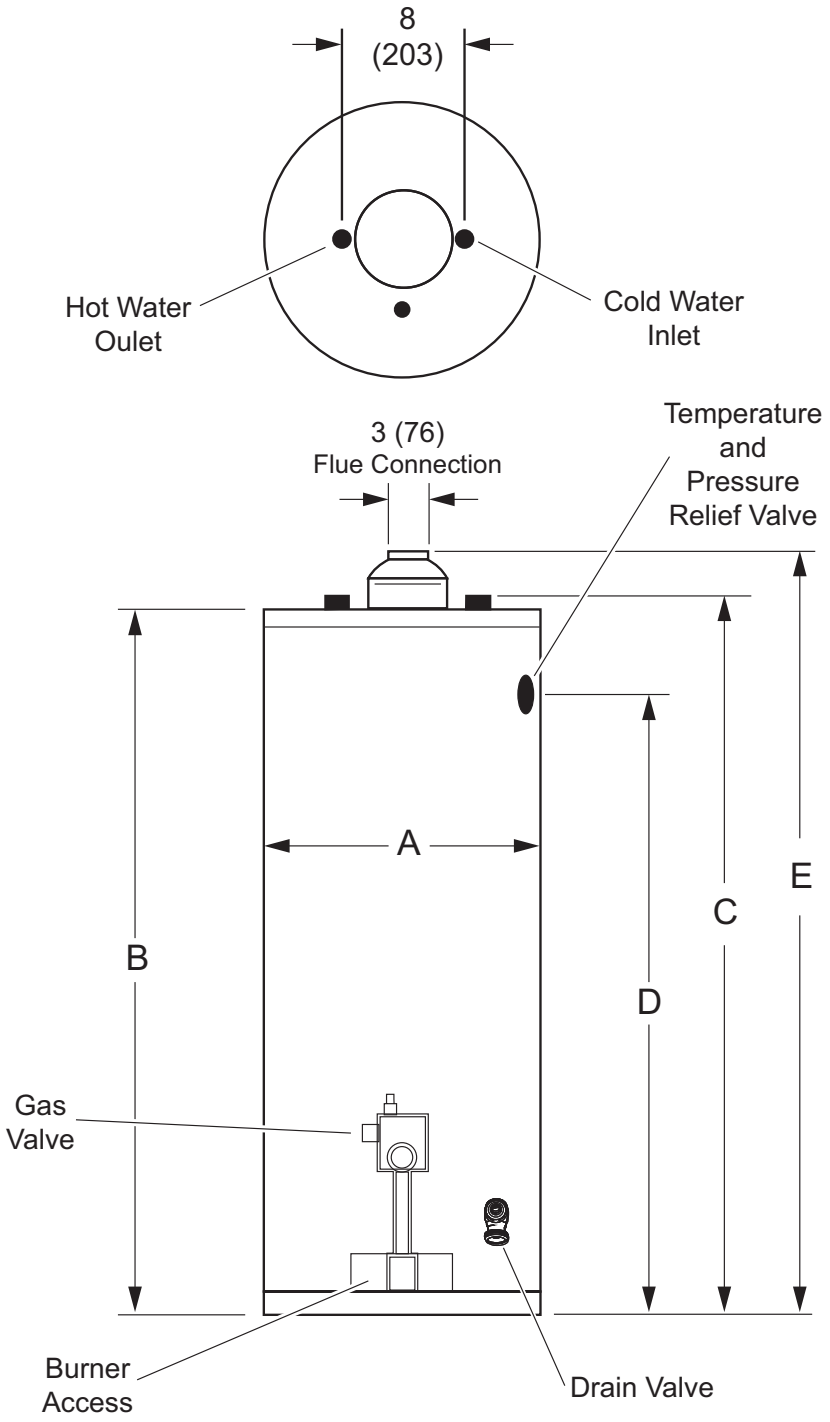
SPECIFICATIONS — SHORT MODELS

Model		WHGS040S40NANE06	WHGS050S40NANE06
Insulation		Enhanced	Enhanced
Gas Type		Natural	Natural
Tank Height		Short	Short
Nominal Capacity	Gallons	40	50
DOE Rated Capacity	Gallons	38	48
First Hour Rating	Gallons	62	78
[1] GPH Recovery @ 90°F Rise	Gallons	35	38
Btuh Input	Natural and LPG/Propane	40,000	40,000
Vent Diameter	in. (mm)	3 (76)	3 (76)
Uniform Energy Factor		0.60	0.65
Recommended Drain Pan Diameter	in. (mm)	24 (610)	26 (660)
Shipping Weight	lbs.	161	211

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.

DIMENSIONS



Model	A		B		C		D		E	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
Short Models										
WHGS040S40NANE06	22-1/2	572	49	1245	50-1/2	1283	42-1/2	1080	52-1/2	1334
WHGS050S40NANE06	24-1/2	622	49-3/4	1264	51-1/4	1302	42-3/4	1086	53	1346
Tall Models										
WHGS030T35NANS06	16-1/2	419	59	1499	60-1/2	1537	53	1346	62-1/4	1581
WHGS040T40NANS06	18-1/2	470	59-1/4	1505	60-3/4	1543	54	1372	62-1/2	1588
WHGS040T40NANE06	20-1/2	521	59-1/4	1505	60-3/4	1543	53	1346	62-1/2	1588
WHGS050T40NANS06	20-1/2	521	57-3/4	1467	59-1/4	1505	51-1/4	1302	61	1549
WHGS050T40NANE06	22-1/2	572	57-3/4	1467	59-1/4	1505	51-1/4	1302	61	1549





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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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