WHES

LOW BOY ELECTRIC WATER HEATER

Surface Mounted Thermostats | Side Connect | 60Hz

RESIDENTIAL
PRODUCT SPECIFICATIONS (EHB)

30, 40 and 50 Gallons
208/240V-1Ph

FEATURES

Fully Automatic Surface Mounted Thermostats
- Controls temperature, combined with a manual energy cut-off to prevent overheating

Dual Incoloy Superalloy Heating Elements
- Superior resistance to high temperatures and corrosive environments
- Low wattage density to ensure more efficient operation and longer element life

SediMotion™ Turbulence-Inducing Dip Tube
- Engineered to reduce sediment buildup inside the tank

Full Flow Brass Drain Valve
- Allows easy and quick drainage

Temperature And Pressure Relief Valve
- Factory provided and installed
- May be relocated to the top of the tank



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 0.95 UEF
- Up to 55 gallons First Hour Rating (FHR)

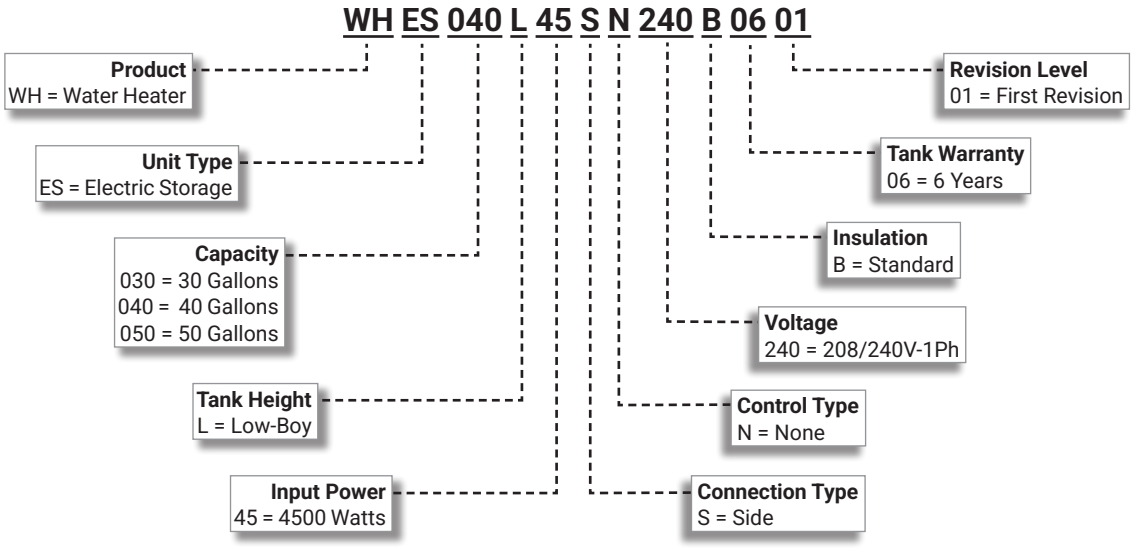
HFO Foam Insulated
- Two-inch thick, environmentally-friendly insulation foam
- Saves energy, reduces fuel cost by maximizing heat retention
- Contributes to overall energy efficiency

APPROVALS

- AHRI Certified and Listed
- Meets or Exceeds DOE Efficiency Requirements
- All models comply with and meet or exceed ASHRAE Standard 90.1B

Form Number 211261 | March 2026
Supersedes all previous versions

MODEL NUMBER IDENTIFICATION



SPECIFICATIONS

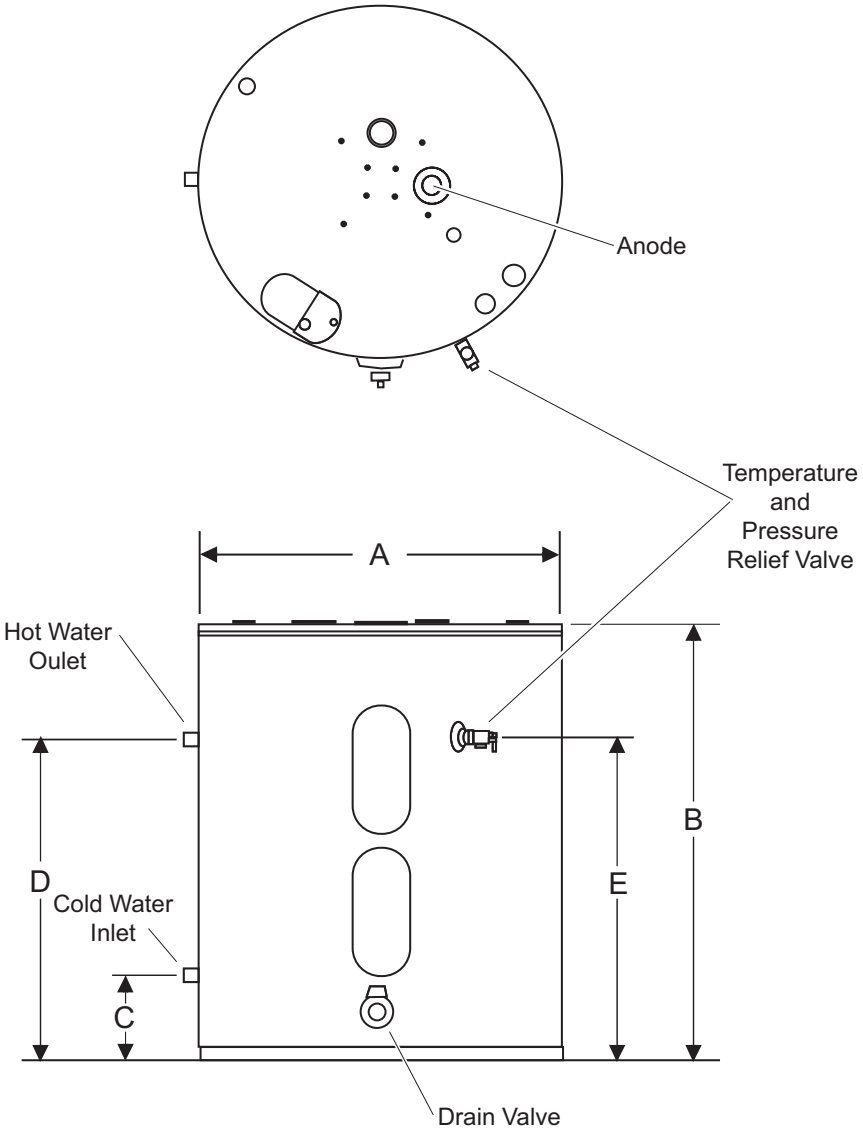
Model		WHES030L45SN240B06	WHES040L45SN240B06	WHES050L45SN240B06
Insulation		Standard	Standard	Standard
Nominal Capacity	Gallons	30	38	46
DOE Rated Capacity	Gallons	27	36	41
First Hour Rating	Gallons	44	46	55
[1] GPH Recovery @ 90°F Rise	Gallons	21	21	21
Uniform Energy Factor		0.93	0.92	0.95
Line voltage data (Volts-Phase-Hz)		208/240-1-60	208/240-1-60	208/240-1-60
Electrical Breaker Size	Amps	25	25	25
Standard Element Wattage		4500	4500	4500
Maximum Element Wattage		6000	6000	6000
[2] Element Wattage Derate @ 208V		3380	3380	3380
Recommended Drain Pan Diameter	in. (mm)	24 (610)	26 (660)	28 (711)
Shipping Weight	lbs.	106	117	146

NOTES - All models are UL and CEC listed and meet or exceed ASHRAE 90.1B.
Heaters are wired for non-simultaneous operation, single phase 240 Volts with dual 4500 Watt elements, unless otherwise specified.
All models are certified at 300 PSI test pressure and 150 PSI working pressure.

[1] Recovery calculations used are based on 4500-watt elements used in non-simultaneous operation. Replacing 4500 Watt heating elements, with 6000 Watt non-simultaneous elements will increase the recovery rating from 21 GPH to 27 GPH @ 90° Rise.

[2] Water heaters are manufactured to voltage and wattage specified. When less than design voltage is supplied to the unit, the element will still heat, but at less than the design value

DIMENSIONS



Model	A		B		C		D		E	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
WHES030L45SN240B06	22-1/4	565	32-1/2	826	5-1/2	140	25-1/4	641	25-1/4	641
WHES040L45SN240B06	24-1/4	616	34-1/2	976	5-1/4	133	26-3/4	679	26-3/4	679
WHES050L45SN240B06	26-1/4	667	34-1/4	870	7	178	26	660	26	660







LENNOX®

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.

©2026 Lennox Industries, Inc.