

RESIDENTIAL GAS WATER HEATERS

The Lochinvar 35-50 Series gas fired, tank type water heaters are designed to provide ease of installation, low stand-by loss and years of dependable service. The 35-50 Series features seven models for residential installations and six models for commercial installations, available in natural or L.P. gas.

35-50 SERIES GAS MODELS

OUTSTANDING FEATURES

STAINLESS STEEL CONSTRUCTION – The tank and helical heat exchanger are made from 444 Stainless Steel for excellent corrosion resistance without need of anode rods.

96% THERMAL EFFICIENCY – Operating up to 96% Thermal Efficiency, the 35-50 Series employs an internal helical heat exchanger which keeps the flue products in the appliance longer for maximum heat transfer.

WHISPER QUIET OPERATION – Ultra quiet blower and burner to minimize noise.

ADVANCED ELECTRONIC CONTROLS – Large touchscreen display with precise temperature control and advance diagnostics. 160°F max setpoint for residential models; 180°F max setpoint for commercial models.

POWER DIRECT VENT DESIGN – Vent in PVC, CPVC or Polypropylene for low cost installations, sidewall or rooftop. Vent 2" up to 52 equivalent feet and vent 3" up to 130 equivalent feet.

ULTRA LOW NOX MODULATING GAS BURNER – Complies with SCAQMD Rule 1146.2 and other Air Quality Management Districts with NOx emissions less than 14ng/j.

STANDARDS AND CERTIFICATIONS – Design certified by CSA International per the requirements of ANSI Z21.10.3 / CSA 4.3 standards. Meets UBC, CEC and ICC National codes. Meets thermal efficiency and standby loss requirements of the U.S. Department of Energy and ASHRAE/IEC 90.1.

TEMPERATURE AND PRESSURE RELIEF VALVE – Factory installed.

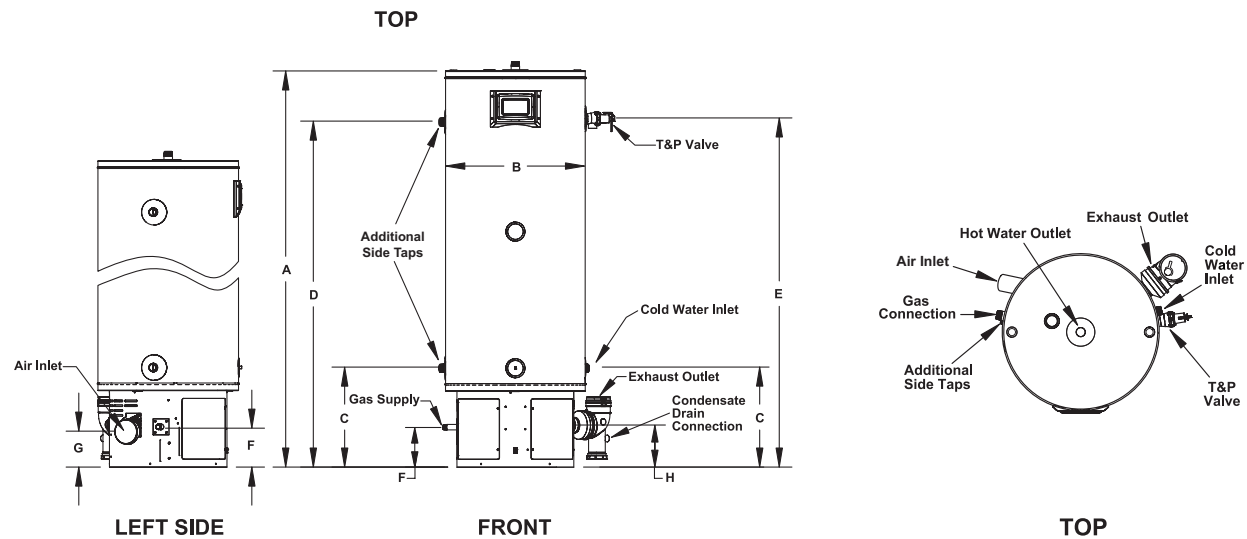
RESIDENTIAL WARRANTY - 10-year limited tank and 10-year limited parts.

COMMERCIAL WARRANTY - 3-year limited tank and 1-year limited parts. See warranty for details.

*1 Year limited tank and parts warranty when installed in a commercial application

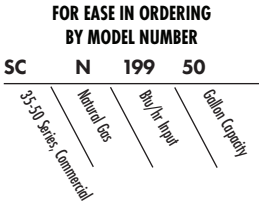


DIMENSIONS AND SPECIFICATIONS



Model Number	Btu/hr Input	Gallon Cap. 90°F Rise	GPH @ Recovery	1st Hour Efficiency	Thermal A	B	C	D	E	F	Conn	Gas Conn	Water Diameter	Vent Wt.	Ship
35-50 Series, Residential															
SWN100-035	100,000	34	129	156	96%	48-1/2"	22"	15-3/4"	40-1/2"	41"	6-1/2"	1/2"	1"	2" or 3"	150
SWN130-035	130,000	34	165	192	96%	48-1/2"	22"	15-3/4"	40-1/2"	41"	6-1/2"	1/2"	1"	2" or 3"	150
SWN150-035	150,000	34	190	217	94%	48-1/2"	22"	15-3/4"	40-1/2"	41"	6-1/2"	1/2"	1"	2" or 3"	150
SWN130-050	130,000	50	165	205	95%	62-1/2"	22"	15-3/4"	54-1/2"	55"	6-1/2"	1/2"	1"	2" or 3"	176
SWN150-050	150,000	50	190	230	95%	62-3/4"	22"	15-3/4"	55-3/4"	56-1/4"	6-1/2"	1/2"	1"	2" or 3"	180
SWN175-050	175,000	50	222	262	96%	62-3/4"	22"	15-3/4"	55-3/4"	56-1/4"	6-1/2"	1/2"	1"	3"	180
SWN199-050	199,000	50	253	293	96%	62-3/4"	22"	15-3/4"	55-3/4"	56-1/4"	6-1/2"	1/2"	1"	3"	180
35-50 Series, Commercial															
SCN130-035	130,000	34	165	192	96%	48-1/2"	22"	15-3/4"	40-1/2"	41"	6-1/2"	1/2"	1"	2" or 3"	150
SCN150-035	150,000	34	190	217	94%	48-1/2"	22"	15-3/4"	40-1/2"	41"	6-1/2"	1/2"	1"	2" or 3"	150
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* In the model number, "N" indicates natural gas; replace "N" with "L" to indicate LP gas models.
The SWN100-035 model has a 33 gallon rated storage capacity, a 0.90% UEF rating and a 170 GPH First Hour Rating.



This is a natural gas 35-50/series water heater. It has standard construction, 199,999 Btu/hr, and 50 gallon storage capacity.

For technical information call 800-722-2101. Lochinvar, LLC reserves the right to make product changes or improvements without prior notice.



Lochinvar, LLC
300 Maddox Simpson Parkway
Lebanon, Tennessee 37090
P: 615.889.8900 / F: 615.547.1000
Lochinvar.com

