



**Lochinvar**<sup>®</sup>  
High Efficiency Water Heaters, Boilers and Pool Heaters

**SHIELD™**  
**WATER HEATER**  
**Submittal Sheet**

**SWH-Sub-02a**

**SHIELD COMMERCIAL GAS WATER HEATER**

**JOB NAME** \_\_\_\_\_

**LOCATION** \_\_\_\_\_

**ARCH./ENGR.** \_\_\_\_\_

**WHOLESALER** \_\_\_\_\_

**MECH. CONTRACTOR** \_\_\_\_\_

**MODEL NO.** \_\_\_\_\_

**TYPE GAS** \_\_\_\_\_

**Btu/hr INPUT** \_\_\_\_\_

**RECOVERY RATE IN GPH** \_\_\_\_\_ @ \_\_\_\_\_ °F RISE

**NOTES**

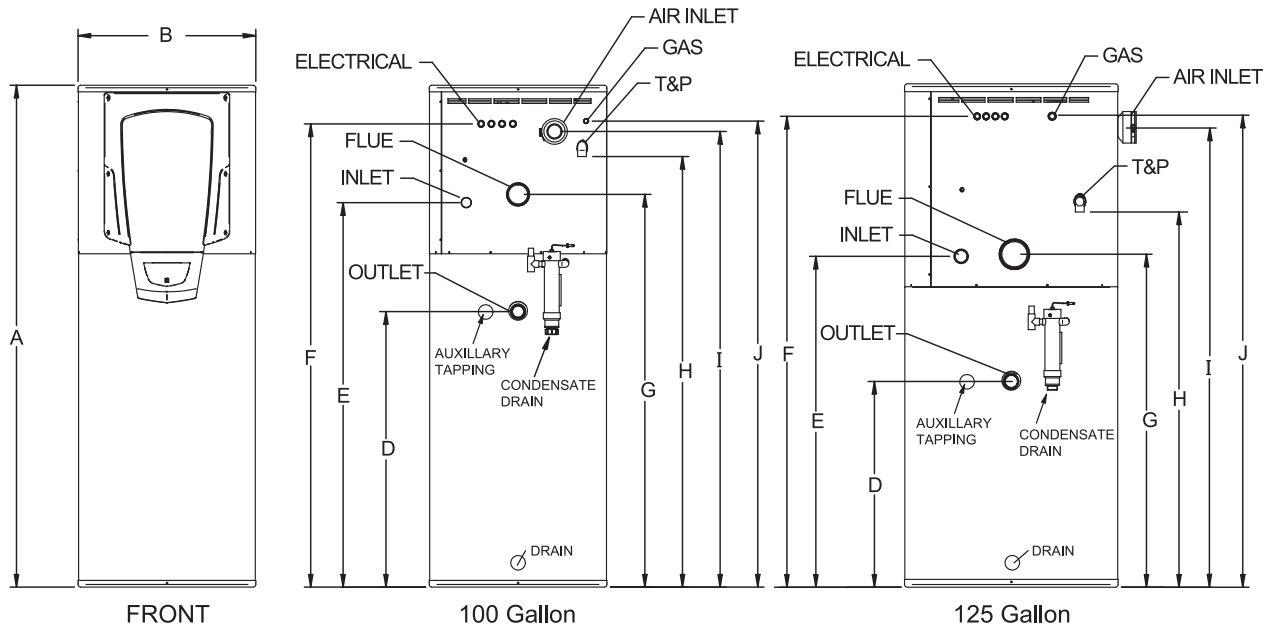
**Standard Features**

- 96% Thermal Efficiency
- Modulating Burner with 5:1 Turndown
- Operates at Temperatures up to 180°F for Sanitizing Applications
- Stainless Steel Heat Exchanger
- 160 PSI Working Pressure
- ASME Tank Construction (SNA285–500)
- Glass-Lined Steel Tank
- Brass Drain Valve
- PVC, CPVC and SS Venting up to 100 Equivalent Feet
- Direct-Vent Sealed Combustion
- Rooftop and Sidewall Venting
- Factory Supplied Sidewall Vent Termination
- Advanced Electronic Control, with:
  - 2-Line, 16-Character LCD Display
  - Time Clock
  - Night Setback
  - Alarm Contacts
  - Runtime Contacts
  - Manual Reset High Limit
- Low-NOx Operation
- Zero Clearance to Combustibles
- Low Gas Pressure Operation
- Direct-Spark Ignition
- Certified for Installation on Combustible Floors
- ASME Temperature and Pressure Relief Valve
- 8-Foot Power Cord
- 3-Year Limited Warranty
- 1-Year Parts Warranty  
(see warranty for details)

**Optional Equipment**

- Place an X in the box by all options that apply
- Alarm Bell
  - Concentric Vent Kit
  - Condensate Neutralization Kit
  - Low Water Cutoff

# SHIELD Commercial Gas Water Heater Dimensions & Specifications



Model Number	Btu/hr Capacity Input	Capacity (Gal)	GPH@ 100° Rise	First Hour	A	B	D	E	F	G	H	I	J	Gas Conn.	Water Conn.	Air Inlet	Vent Size	Shipping Wt. (lbs.)
SNR150-100	150,000	93	175	249	80"	28"	44"	61-1/4"	73-3/4"	62-1/2"	68-3/4"	72-3/4"	74-1/4"	1/2"	1-1/2"	3"	3"	700
SNR200-100	199,999	93	233	307	80"	28"	44"	61-1/4"	73-3/4"	62-1/2"	68-3/4"	72-3/4"	74-1/4"	1/2"	1-1/2"	3"	3"	725
SNA285-125	285,000	125	332	432	80"	34"	32-3/4"	52-3/4"	75"	53"	59-3/4"	73-1/4"	70-1/2"	3/4"	2"	4"	4"	800
SNA400-125	399,999	125	465	565	80"	34"	32-3/4"	52-3/4"	75"	53"	59-3/4"	73-1/4"	73-1/4"	1"	2"	4"	4"	850
SNA500-125	500,000	125	582	682	80"	34"	32-3/4"	52-3/4"	75"	53"	59-3/4"	72"	75"	1"	2"	4"	4"	875

Change "N" to "L" for LP Gas. All information is subject to change. **Electrical Requirements:** 120VAC/60Hz/1 phase



**Lochinvar®**  
High Efficiency Water Heaters, Boilers and Pool Heaters



Lochinvar, LLC • 300 Maddox Simpson Pkwy • Lebanon, TN 37090 • 615-889-8900 / Fax: 615-547-1000  
www.Lochinvar.com