



**Lochinvar**<sup>®</sup>  
HIGH EFFICIENCY BOILERS & WATER HEATERS

**MULTI-FLUE  
CHARGER  
Submittal Sheet  
CGR-Sub-18**

**MULTI-FLUE CHARGER COMMERCIAL GAS WATER HEATERS**

**JOB NAME** \_\_\_\_\_  
**LOCATION** \_\_\_\_\_  
**ENGINEER** \_\_\_\_\_  
**WHOLESALE** \_\_\_\_\_  
**MECH. CONTRACTOR** \_\_\_\_\_  
**MODEL NO.** \_\_\_\_\_  
**TYPE GAS** \_\_\_\_\_  
**Btu/hr INPUT** \_\_\_\_\_  
**RECOVERY RATE IN GPH** \_\_\_\_\_ @ \_\_\_\_\_ °F RISE  
**GALLON CAPACITY** \_\_\_\_\_  
**NOTES**

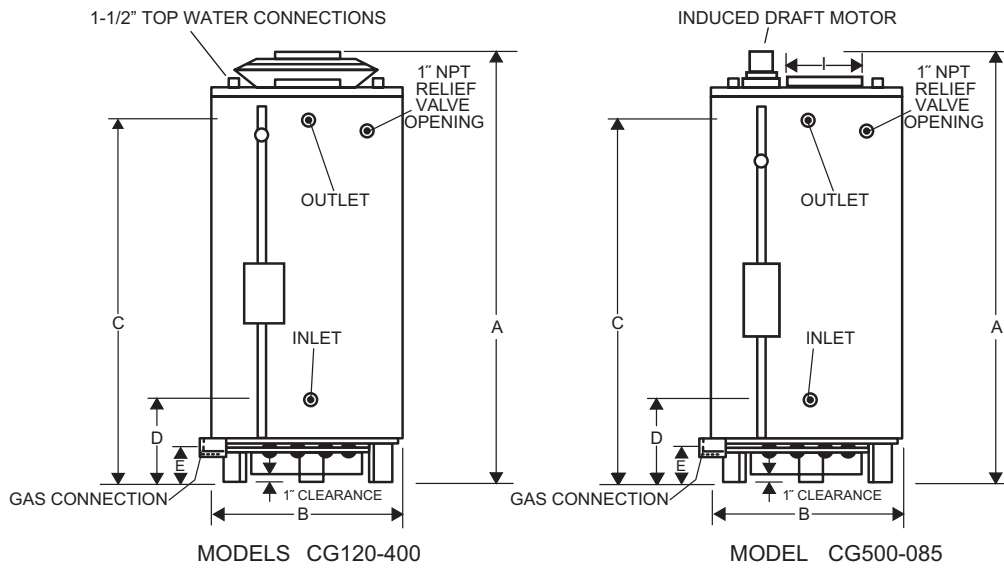
**Standard Equipment:**

- Meets ASHRAE Energy Efficiency Standards
- 80% Thermal Efficiency
- Multi-Flue Design
- Glass Lined Tank
- 150 psi Working Pressure
- Tank Saver Anode
- ASME Temperature & Pressure Relief Valve
- Automatic Reset High Limit
- Spark Ignition
- 180°F Operation Approved
- Combustible Floor Approved
- Steel Jacket with Foam Insulation
- Hand Hole Cleanout
- Slide Out Burner Tray
- 3 Year Limited Warranty on Tank,
- 1 Year Limited Warranty on Parts  
(see warranty for details)

**Optional Equipment:**

**Place an X in the box by all options that apply**  
 UL Sanitation  
 High Altitude (2,000 to 8,000 feet)

# Dimensions and Specifications:



Model Number	Btu/Hr Input	Gallon Capacity	GPH @ 100°F Rise	A	B	C	D	E	Vent Size	Gas Conn.	Front & Back Water Conn.	Ship. Wt. Std	Ship. Wt. ASME
CGN120 070	120,000	71	116	69-3/4"	27-3/4"	52"	19-3/4"	4-1/4"	6"	1/2"	1-1/2"	400	-
CGN155 080	154,000	81	149	73"	27-3/4"	59"	19-3/4"	4-1/4"	6"	1/2"	1-1/2"	470	-
CGN180 080	180,000	81	175	67-1/2"	27-3/4"	54-3/4"	20-1/2"	4-1/2"	6"	1/2"	1-1/2"	470	-
CGN200 080	199,000	81	193	67-1/2"	27-3/4"	54-3/4"	20-1/2"	4-1/2"	6"	1/2"	1-1/2"	470	-
CGN200 100	199,000	100	193	75"	27-3/4"	62-3/4"	20-1/2"	4-1/2"	6"	1/2"	1-1/2"	603	-
CGN199 100 (A)	199,000	100	193	72"	30-1/4"	56-1/2"	19-3/4"	4-1/2"	6"	1/2"	2"	630	725
CGN250 100 (A) *	250,000	100	242	72"	30-1/4"	56-1/2"	19-3/4"	4-1/2"	8"	1/2"	2"	630	725
CGN250 065 (A) *	251,000	65	243	75"	27-3/4"	58-3/4"	20"	4-1/2"	8"	1/2"	1-1/2"	750	862
CGN275 100 (A)	275,000	100	267	72"	30-1/4"	56-1/2"	19-3/4"	4-1/2"	8"	1/2"	2"	630	725
CGN305 065 (A)	305,000	65	296	75"	27-3/4"	58-3/4"	20"	4-1/2"	8"	1/2"	1-1/2"	750	862
CGN365 085 (A)	365,000	85	354	79-1/2"	27-3/4"	63"	22-1/2"	4-1/2"	8"	3/4"	1-1/2"	725	833
CGN400 100 (A)	390,000	100	378	75-1/2"	30-1/4"	59"	26-3/4"	4-1/2"	8"	3/4"	2"	760	874
CGN500 085 (A)	500,000	85	485	82-1/4"	27-3/4"	65-3/4"	25-1/2"	4-1/2"	8"	1"	1-1/2"	820	856

A = ASME construction

See the installation manual for dimensional locations on Front and Back Tappings.

\* Asterisk indicates models without top surface tapping. Top water connections are 1-1/2" NPT.



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