



# Lochinvar®

## SOLUTION™ BOILER

Submittal Sheet

RSB-Sub-07

### SOLUTION™ GAS FIRED HEATING BOILERS

Job Name: \_\_\_\_\_ Model No. \_\_\_\_\_

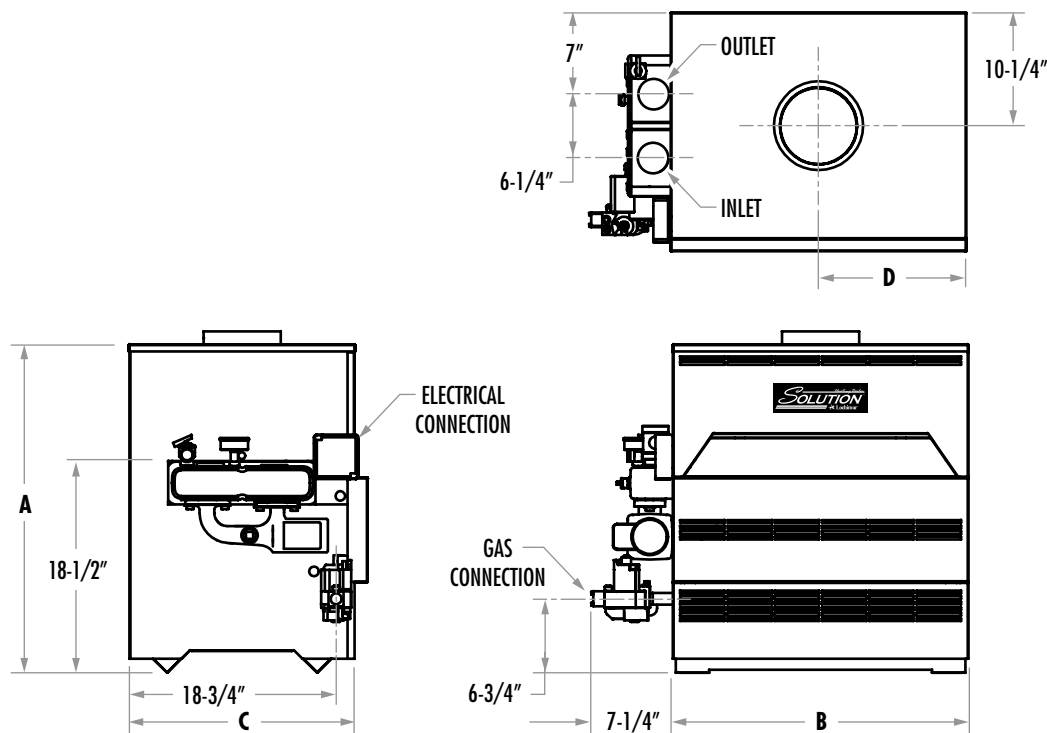
Location: \_\_\_\_\_ Type Gas: \_\_\_\_\_

Engineer: \_\_\_\_\_ Btu/hr Input: \_\_\_\_\_ Btu/hr Output: \_\_\_\_\_

Agent/Wholesaler: \_\_\_\_\_ Equipment Tag(s): \_\_\_\_\_

Contractor: \_\_\_\_\_

#### NOTES:



#### DIMENSIONS AND SPECIFICATIONS

Model Number	Input MBH	AFUE %	Heating Capacity MBH	Net AHRI Rating MBH	A	B	C	D	Gas Conn.	Vent Size	Shipping Weight
CBN045	45	84.0	37	32	29-1/2"	11-1/2"	21-1/2"	5-3/4"	1/2"	4"	145
CBN075	75	84.0	62	54	29-1/2"	15-1/2"	21-1/2"	7-3/4"	1/2"	5"	155
CBN090	90	84.0	75	65	29-1/2"	15-1/2"	21-1/2"	7-3/4"	1/2"	5"	155
CBN135	135	84.0	112	97	29-1/2"	19-1/2"	21-1/2"	9-3/4"	1/2"	6"	175
CBN180	180	84.0	149	130	29-1/2"	23-1/2"	21-1/2"	11-3/4"	3/4"	7"	195
CBN215	215	84.0	178	155	29-1/2"	26-1/2"	21-1/2"	13-1/4"	3/4"	7"	220
CBN260	260	84.0	216	188	29-1/2"	29-1/2"	21-1/2"	14-3/4"	3/4"	8"	225

**NOTES:** Change 'N' to 'L' to denote LP gas models

Net AHRI water ratings based on piping and pick-up allowance of 1.15

Consult factory before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

**Electrical Requirements:** 120 VAC / 2 AMP

Approved for indoor installation only

Water connections are 1-1/2" NPT

Performance data based on manufacturer test results



# *Heating Boiler* **SOLUTION™** Lochinvar®

## Standard Features

- ASME Copper Finned Tube Heat Exchanger
- Gasketless Heat Exchanger Design
- Built-In Performance Loop
- Vertical Water Connections
- 24 Volt Control System
- Self Diagnostic Ignition Control
- Terminal Strip
- Intermittent Electronic Ignition
- Temperature Control
- Outdoor Reset with Outdoor Sensor
- Domestic Hot Water Prioritization
- Gas Valve w/ Built-In Manual Shut-Off
- 160 PSI Working Pressure
- Pump Relay
- Automatic Reset High Limit
- ASME Pressure Relief Valve
- Temperature & Pressure Gauge
- Automatic Vent Damper
- Built-In Draft Diverter
- Stainless Steel Burners
- Loch-Heat Ceramic Tile Combustion Chamber
- CSA Design Certified for Installation on Combustible Floors
- CSA Design Certified for Alcove Installation
- 20 Year Limited Warranty on the Heat Exchanger (*see warranty for details*)
- 2 Year Parts Warranty

## Optional Equipment

Adjustable High Limit w/ Manual Reset  
Flow Switch  
Low Water Cut-Off  
Stack Frame  
Pump Delay w/ Freeze Protection  
MP2 Sequencer  
PVC/CPVC Venting Kit (CB 045-135)  
O<sup>2</sup> Barrier Waterways

## Firing Control Systems

- F9 Full Fire Spark Ignition  
F7 California Code (CB 215-260 only)



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