



Lochinvar®

HIGH EFFICIENCY BOILERS & WATER HEATERS

COPPER-FIN® COMMERCIAL GAS BOILER

Submittal Sheet

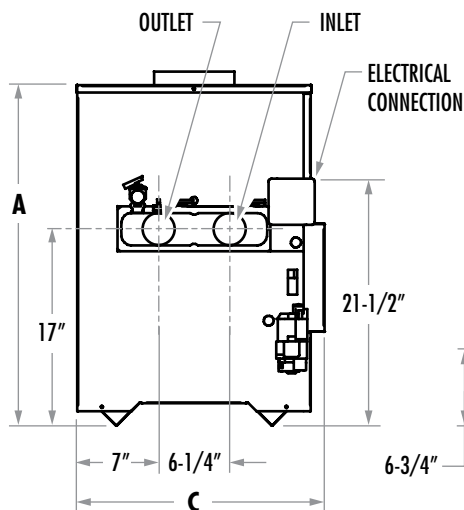
CBA-Sub-08

COPPER-FIN GAS BOILER (MODELS CB 315-500)

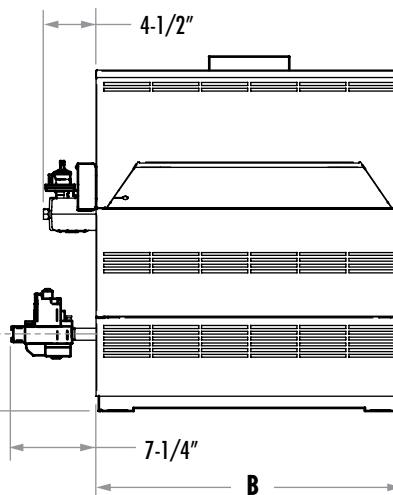
Job Name: _____ Model No. _____
Location: _____ Type Gas: _____
Engineer: _____ Equipment Tag(s): _____
Agent/Wholesaler: _____ BTU/hr
CONTRACTOR: _____ INPUT: _____
BTU/hr
OUTPUT: _____

NOTES:

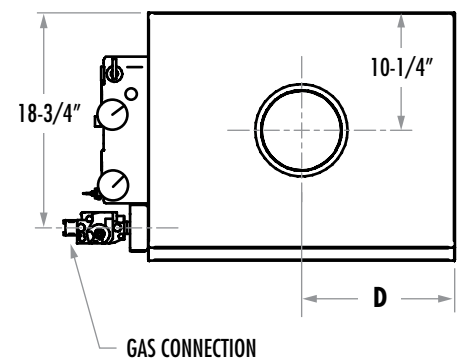
LEFT SIDE VIEW



FRONT VIEW



TOP VIEW



Copper-Fin Boiler					AHRI CERTIFIED www.ahricertification.org							Dimensions & Specifications			
Model Number	Input MBH	Thermal Efficiency %	Output MBH	Net AHRI Rating MBH	A	B	C	D	Gas Conn.	Vent Size	Ship. Weight				
CBN315	315	82.0	258	224	29-1/2"	32-1/4"	21-1/2"	16-1/4"	3/4"	8"	245				
CBN360	360	82.0	295	257	29-1/2"	35-1/4"	21-1/2"	17-3/4"	1"	9"	255				
CBN399	399	82.0	328	285	29-1/2"	44-1/2"	22"	22-1/4"	1"	10"	320				
CBN500	500	82.0	410	357	34-1/2"	52-1/2"	22"	26-1/4"	1"	10"	345				

Notes: Change 'N' to 'L' to denote L.P. gas models

No deration for L.P. models.

Water Connections are 2" NPT on 6-1/4" centers.

Performance data is based on manufacturer test results.

Copper-Fin®



Standard Features

- ASME Copper Finned Tube Heat Exchanger
- Gasketless Heat Exchanger Design
- 82% Thermal Efficiency
- ASME Copper Finned Tube Heat Exchanger
- Gasketless Heat Exchanger Design
- Two Stage Intermittent Electronic Ignition
- 160 PSI Working Pressure
- Pump Relay
- Diagnostic Flash Codes
- Two Stage Solid State Temperature Control
- Two Stage Gas Valve with Built-In Manual Shut-Off
- Automatic Reset High Limit
- ASME Pressure Relief Valve
- Temperature & Pressure Gauge
- Built-In Draft Diverter
- CSA Design Certified for Alcove Installation
- CSA Design Certified for Installation on Combustible Floor
- Stainless Steel Burners
- Loch-Heat Ceramic Tile Combustion Chamber
- 24 Volt Control System
- 10 Year Limited Warranty on Heat Exchanger
(See warranty for details)

Optional Equipment

Check the box by all options that apply:

- Adjustable High Limit w/ Manual Reset
- Contacts on any Failure
- Contacts for Air Louvers
- Flow Switch
- Outdoor Air Reset Control
- Low Water Cut-Off
- Multi-Stack Frame
- Pump Delay/Freeze Protection
- MP2 Sequencer
- 3-Way Low Temperature Valve

Firing Controls

- M9 - Two-Stage Intermittent Spark Ignition (Standard)
- M13 - GE GAP/FM/IRI
- M7 - California Code