



Lochinvar[®]
High Efficiency Water Heaters, Boilers and Pool Heaters

COPPER-FIN[®]
BOILER
Submittal Sheet

CBA-Sub-07

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

JOB NAME _____

LOCATION _____

ARCH./ENGR. _____

MECH. CONTRACTOR _____

MODEL NO. _____

TYPE GAS _____

Btu/hr INPUT _____ **Btu/hr OUTPUT** _____

NOTES

Standard Features

- 84% A.F.U.E.
- 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

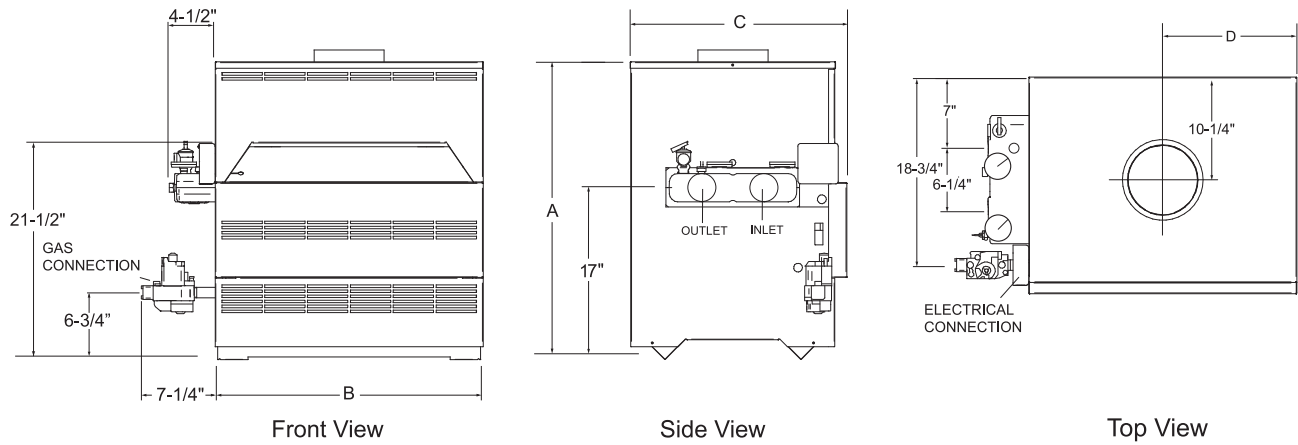
Place an X in the box by all options that apply

- 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

Copper-Fin Gas Boiler Dimensions & Specifications



Copper-Fin Boiler					Dimensions & Specifications						
Model Number	Input MBH	Thermal	Output MBH	Net AHRI	A	B	C	D	Gas Conn.	Vent Size	Ship. Weight
		Efficiency %		Rating MBH							
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.



Lochinvar, LLC
 300 Maddox Simpson Parkway
 Lebanon, Tennessee 37090
 P: 615-889-8900 / F: 615-547-1000
 www.Lochinvar.com

