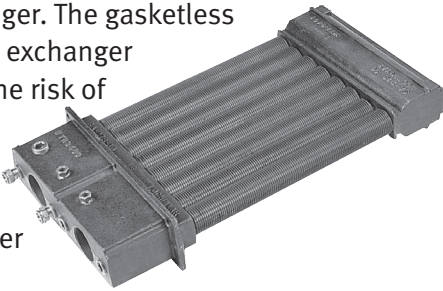


COMMERCIAL WATER HEATERS

The Copper-fin Atmospheric water heater features a simple design to deliver trouble free installation, long lasting durability and prevention from lime scale buildup.

STANDARD FEATURES

- **Copper Finned Tube Heat Exchanger** - The heart of the Copper-Fin water heater is its copper finned tube heat exchanger. The gasketless copper tube heat exchanger design reduces the risk of leaks or system failures that are common with conventional water heaters.



- **Built-In Draft Hood** - With our built-in draft hood, the Copper-Fin water heater installs easily in applications where overhead space is limited and headroom restrictions exist.

- **Loch-Heat™ Ceramic Tile** - Our incredibly durable, Loch-Heat ceramic tile will not crack or split and provides the benefit of an overall water heater weight reduction of 25% over other refractory material.

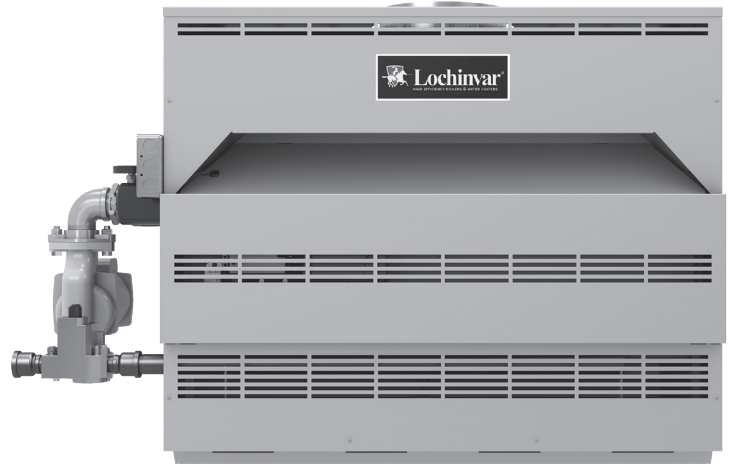
- **A Better Idea** - The Better Idea system combines the Copper-Fin water heater with a separate round jacketed storage tank to provide a high performance water heating system.

- **Serviceability** - The water heater's design allows for easy access to all major components for servicing. The heat exchanger is designed to slide out the front of the water heater for faster maintenance.

- **ASME Temperature & Pressure Relief Valve** - Factory installed.

- **3-year limited Heat Exchanger Warranty, 1-year parts warranty** - See warranty for details.

COPPER-FIN® GAS FIRED WATER HEATERS



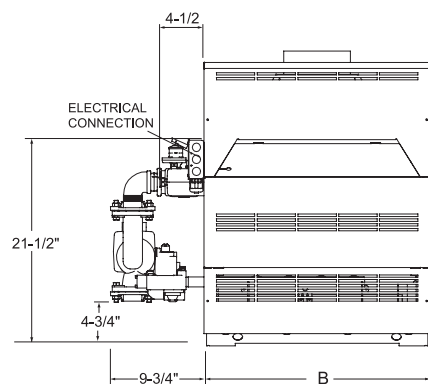
DESIGNED ★ ENGINEERED ★ ASSEMBLED
USA

AUDI
MEMBER

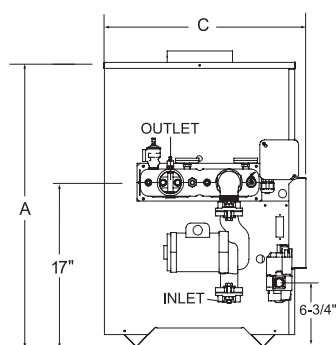


Lochinvar®
HIGH EFFICIENCY BOILERS & WATER HEATERS

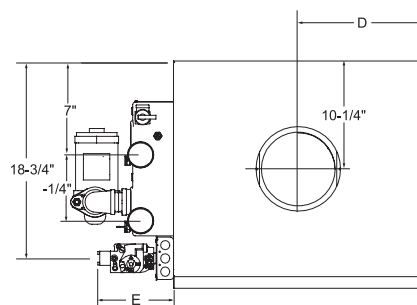
COPPER-FIN® WATER HEATER DIMENSIONS & SPECIFICATIONS



Front View



Side View



Top View

Copper-Fin Water Heater				Dimensions & Specifications						
Model Number	Input MBH	GPH @ 100°F Rise	A	B	C	D	E	Vent Size	Gas Conn.	Ship. Weight
CWN090PM*	90,000	87	29-1/2"	15-1/2"	21-1/2"	7-3/4"	6-1/4"	5"	1/2"	175
CWN135PM*	135,000	131	29-1/2"	19-1/2"	21-1/2"	9-3/4"	6-1/4"	6"	1/2"	195
CWN180PM*	180,000	175	29-1/2"	23-1/2"	21-1/2"	11-3/4"	7-1/4"	7"	3/4"	220
CWN199PM*	199,000	193	29-1/2"	26-1/2"	21-1/2"	13-1/4"	7-1/4"	7"	3/4"	230
CWN201PM	201,000	193	29-1/2"	26-1/2"	21-1/2"	13-1/4"	7-1/4"	7"	3/4"	230
CWN225PM	225,000	218	29-1/2"	26-1/2"	21-1/2"	13-1/4"	7-1/4"	7"	3/4"	235
CWN270PM	270,000	262	29-1/2"	29-1/2"	21-1/2"	14-3/4"	7-1/4"	8"	3/4"	240
CWN315PM	315,000	305	29-1/2"	32-1/2"	21-1/2"	16-1/4"	6-1/4"	8"	3/4"	250
CWN360PM	360,000	349	29-1/2"	35-1/2"	21-1/2"	17-3/4"	8-1/4"	9"	1"	270
CWN399PM	399,000	387	29-1/2"	44-1/2"	22"	22-1/4"	5-1/2"	10"	1"	340
CWN500PM	500,000	485	34-1/2"	52-1/2"	22"	26-1/4"	9-1/2"	10"	1"	365

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.

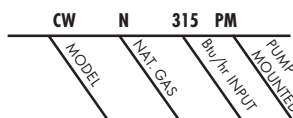
*Canada Only

Standard Features

Built-In Draft Diverter
Stainless Steel Burners
ASME Copper Finned Tube Heat Exchanger
160 psi Working Pressure
Gasketless Heat Exchanger Design
All Bronze Circulating Pump
Pump Delay/Freeze Protection
Remote Tank Thermostat
Glass-Lined Water Surfaces
Loch-Heat Ceramic Tile Combustion Chamber
ASME Temperature & Pressure Relief Valve
Terminal Strip
Automatic Reset High Limit
Manual Reset High Limit
Self Diagnostic Indicator Lights

24 Volt Control System
CSA Design Certified for
Alcove Installation
CSA Design Certified for Installation
on Combustible Floors
3 Year Limited Warranty on Heat Exchanger

FOR EASE IN ORDERING BY MODEL NUMBER



This model is a 315,000 Btu/hr,
natural gas Copper-Fin water heater.

Optional Equipment

Adjustable High Limit
w/ Manual Reset
Contacts on any Failure
(CW 315-500)
Contacts for Air Louvers
(CW 315-500)
Cupro-Nickel Heat Exchanger
Flow Switch
Low Water Cut-Off
Stack Frame
PVC Venting Kit (CW 90-135)

Firing Controls

F1 - Standing Pilot
(Standard CW 90-270)
F9 - Intermittent Spark Ignition
(Standard CW 315-500)
F7 - California Code
(CW 225-500)



Lochinvar, LLC
300 Maddox Simpson Parkway
Lebanon, Tennessee 37090
P: 615.889.8900 / F: 615.547.1000
Lochinvar.com

