

Lochinvar Copper Fin II Boiler

Standard Features

- 85% Thermal Efficiency
- ASME Copper Finned Tube Heat Exchanger
- Gasketless Heat Exchanger Design
- Proportional Firing
- Built-In Sequencer with up to 4 stages of operation
- Adjustable High Limit w/ Manual Reset
- Digital Operator Interface Panel
- Sealed Combustion Chamber
- Stainless Steel Burners
- Low NOx Operation Exceeds the most Stringent Air Quality Requirements
- 160 PSI Working Pressure
- Loch-Heat Ceramic Tile Combustion Chamber
- Hot Surface Ignition
- ASME Pressure Relief Valve
- Referenced Gas Valves
- Flow Switch
- PID Temperature Control
- Combustion Air Filter
- Freeze Protection
- Field Convertible Air Inlet Connection
- Pump Relay w/ Delay
- Complete System Redundancy
- 24 Volt Control System
- Temperature & Pressure Gauge

- BMS Terminal Strip
- Down Stream Test Valves
- 10 Year Limited Warranty on Heat Exchanger (See warranty details)

Available Firing Systems

- M9 Hot Surface Ignition with Electronic Supervision (Standard)
- M13 Factory Mutual (FM)
- M14 Industrial Risk Insurers (IRI)
- M7 California Code

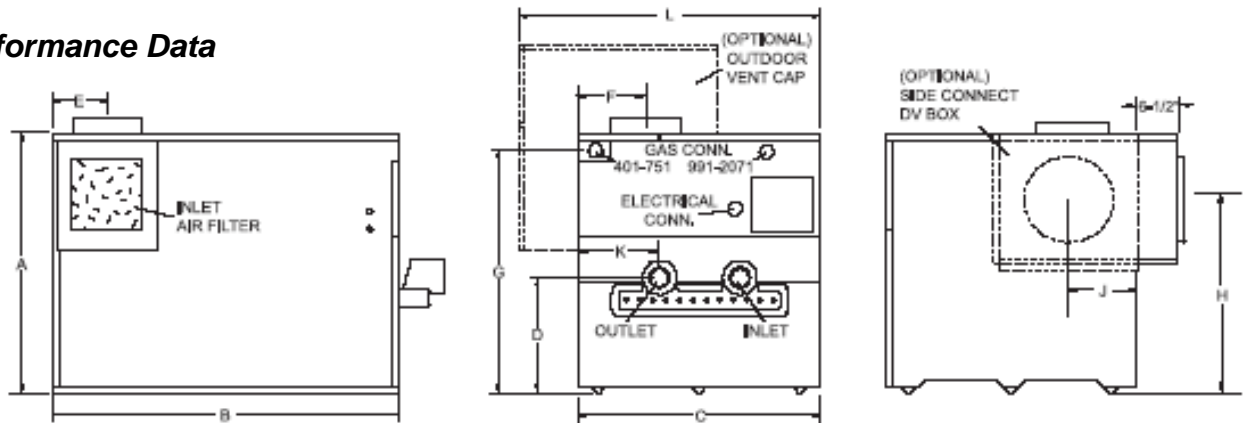
Venting

- Aire-Lock™ Direct Vent Sealed Combustion
- DirectAire® Vertical
- DirectAire® Vertical w/Sidewall Inlet
- Outdoor Installation
- Power DirectAire® Horizontal
- Powered Side Wall
- Sidewall (CH 401-751)
- Intelligent Venting Solutions

CHN Model



Copper Fin Performance Data



Model Number	Firing Stages	Ratings - Btu/hr													Vent Size	Air Inlet	Gas Conn.	Shipping Weight
		INPUT	OUTPUT	A	B	C	D	E	F	G	H	J	K	L				
CHN401	2	399,999	340,000	31-1/2"	37-3/4"	22-1/4"	12-1/2"	7"	7"	29"	23-1/2"	8"	6-1/2"	30-3/4"	6"	6"	1-1/4"	390
CHN501	2	500,000	425,000	31-1/2"	45-1/2"	22-1/4"	12-1/2"	7"	7"	29"	23-1/2"	8"	6-1/2"	30-3/4"	6"	6"	1-1/4"	440
CHN651	3	650,000	552,500	31-1/2"	56-3/4"	22-1/4"	12-1/2"	8-1/2"	8-1/4"	29"	23-1/2"	8"	6-1/2"	30-3/4"	8"	8"	1-1/4"	500
CHN751	3	750,000	637,500	31-1/2"	64"	22-1/4"	12-1/2"	8-1/2"	8-1/4"	29"	23-1/2"	8"	6-1/2"	30-3/4"	8"	8"	1-1/4"	555
CHN0991	3	990,000	841,500	36"	48-1/4"	33-1/2"	15-3/4"	8"	9-1/4"	33-3/4"	27"	9-1/4"	9"	41-3/4"	10"	10"	2"	880
CHN1261	4	1,260,000	1,071,000	36"	58-1/2"	33-1/2"	15-3/4"	9"	10-1/4"	33-3/4"	27"	9-1/4"	9"	41-3/4"	12"	12"	2"	945
CHN1441	4	1,440,000	1,224,000	36"	68-3/4"	33-1/2"	15-3/4"	9"	10-1/4"	33-3/4"	27"	9-1/4"	9"	41-3/4"	12"	12"	2"	1,080
CHN1801	4	1,800,000	1,530,000	36"	82-1/4"	33-1/2"	15-3/4"	10"	11-1/2"	33-3/4"	27"	9-1/4"	9"	41-3/4"	14"	12"	2"	1,235
CHN2701	4	2,070,000	1,759,000	36"	92-1/2"	33-1/2"	15-3/4"	10"	11-1/2"	33-3/4"	27"	9-1/4"	9"	41-3/4"	14"	12"	2"	1,350