



Lochinvar®

HIGH EFFICIENCY BOILERS & WATER HEATERS

COPPER-FIN® COMMERCIAL WATER HEATER

Submittal Sheet

CW-Sub-18

COPPER-FIN® GAS WATER HEATERS (MODELS CW 0497-2067)

Job Name: _____

Location: _____

Engineer: _____

Agent/Wholesaler: _____

Contractor: _____

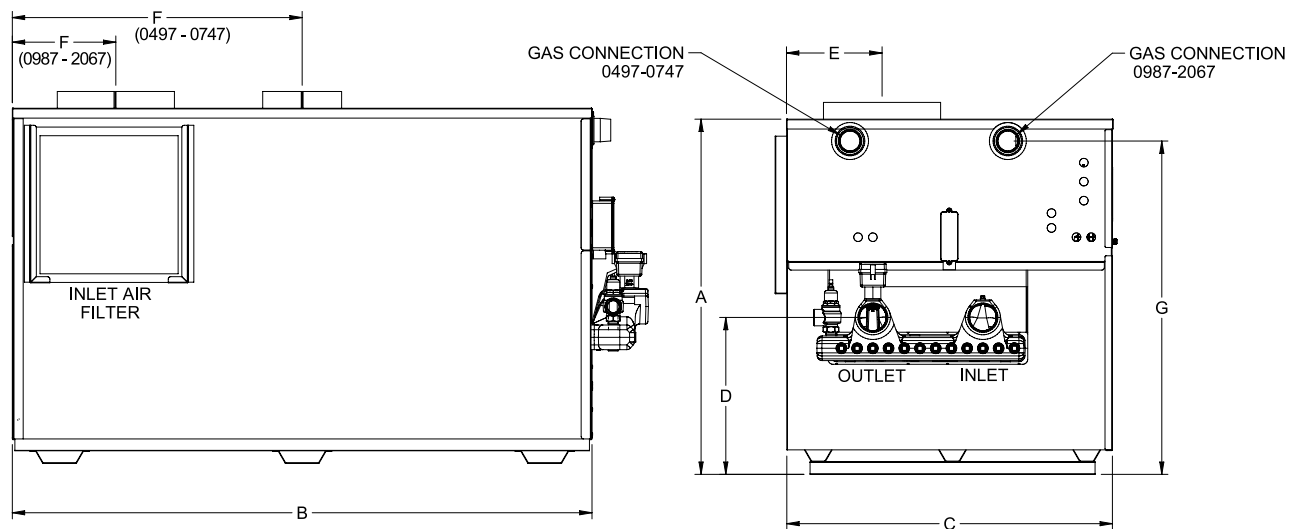
Model No. _____

Type Gas: _____ BTU/Hr
Input _____

Recovery Rate in GPH _____ @ _____ °F Rise

Equipment Tag(s): _____

NOTES:



Model Number	Input Max. Btu/hr	GPH @ 100°F Rise	A	B	C	D	E	F	G	Vent Size	Gas Conn.	Shipping Wt.
CWN0497PM	495,000	486	31-1/2"	45-1/4"	22-1/4"	12-1/2"	8-1/2"	22-3/4"	29-1/2"	6"	1-1/4"	464
CWN0647PM	645,000	633	31-1/2"	56-3/4"	22-1/4"	12-1/2"	8-1/2"	28-1/2"	29-1/2"	8"	1-1/4"	537
CWN0747PM	745,000	731	31-1/2"	64"	22-1/4"	12-1/2"	8-1/2"	32"	29-1/2"	8"	1-1/4"	570
CWN0987PM	985,000	967	36"	48-1/4"	33-1/2"	15-3/4"	8-1/2"	8-1/2"	33-1/4"	10"	2"	727
CWN1257PM	1,255,000	1,232	36"	58-1/2"	33-1/2"	15-3/4"	10-1/2"	10-1/2"	33-1/4"	12"	2"	927
CWN1437PM	1,435,000	1,409	36"	68-3/4"	33-1/2"	15-3/4"	10-1/2"	10-1/2"	33-1/4"	12"	2"	1,027
CWN1797PM	1,795,000	1,762	36"	82-1/4"	33-1/2"	15-3/4"	11"	11"	33-1/4"	14"	2"	1,051
CWN2067PM	2,065,000	2,027	36"	92-1/2"	33-1/2"	15-3/4"	11"	11"	33-1/4"	14"	2"	1,152

Change 'N' to 'L' for LP gas models.

Water connections for models (CW 0497-0747) are 2" NPT on 6-1/2" centers.

Performance data is based on manufacturer test results.

Water connections for models (CW 0987-2067) are 2-1/2" NPT on 11-1/4" centers.

Copper-Fin®

Refined Copper-Fin technology over 50 years to include advanced fan-assisted combustion, hot surface ignition, a unique gasketless copper finned tube heat exchanger and highly efficient insulating materials.



Standard Features

- 81% Thermal Efficiency
- Electronic Temperature Control
- Fan Assisted Combustion
- Sealed Combustion Chamber
- Stainless Steel Burners
- ASME Copper Finned Tube Heat Exchanger
- 160 psi Working Pressure
- Gasketless Heat Exchanger Design
- All Bronze Circulating Pump
- Pump Delay w/Freeze Protection
- Remote Tank Thermostat
- Glass-Lined Water Surfaces
- Referenced Gas Valves
- Loch-Heat Ceramic Tile Combustion Chamber
- Hot Surface Ignition
- ASME Temperature & Pressure Relief Valve
- Adjustable High Limit w/Manual Reset
- Flow Switch
- 24 Volt Control System
- BMS Terminal Strip
- Combustion Air Filter
- 5 Year Limited Warranty on Heat Exchanger
(See warranty for details)

Optional Equipment

- Alarm on Any Failure
- Contacts on any Failure
- Contacts for Air Louvers
- Cupro-Nickel Heat Exchanger
- High & Low Gas Pressure Switch
w/Manual Reset
- Low Water Cut-Off
- Stack Frame
- MP2 Sequencer

Venting Options

- Outdoor Vent Cap and Pump Cover

Available Firing Systems

- F9** Hot Surface Ignition with Electronic Supervision (Standard)
- F7** California Code

Registered under U.S. Patent # 5,989,020



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