



**COPPER-FIN®
WATER HEATER
Submittal Sheet**

CW-Sub-13

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

JOB NAME _____

LOCATION _____

ENGINEER _____

MECH. CONTRACTOR _____

MODEL NO. _____

TYPE GAS _____

Btu/hr INPUT _____

RECOVERY RATE IN GPH _____ **@** _____ **°F RISE**

NOTES

Standard Features

- 81% Thermal Efficiency
- Electronic Temperature Control
- Fan Assisted Combustion
- Sealed Combustion Chamber
- Stainless Steel Burners
- Low NOx Operation Exceeds the most Stringent Air Quality Requirements
- 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

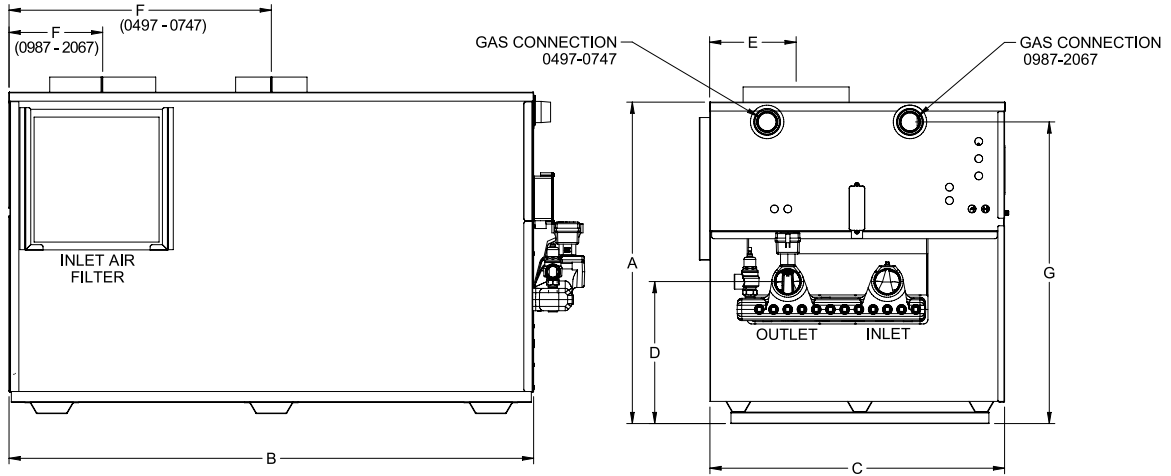
- Alarm Bell
- Contacts on any Failure
- Contacts for Air Louvers
- Cupro-Nickel Heat Exchanger
- High and Low Gas Pressure Switch w/ Manual Reset
- Low Water Cut-Off
- Stack Frame
- MP2 Sequencer

Available Firing Systems

- M9 HSI (Standard)
- M7 California Code

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

Copper-Fin® Gas Water Heater Dimensions & Specifications



Model Number	Input Max. Btu/hr	GPH @ 100°F Rise	A	B	C	D	E	F	G	Inlet Gas Conn.	Outlet Water Conn.	Vent Size	Shipping Weight
CWN0497PM	495	486	31-1/2"	45-1/4"	22-1/4"	12-1/2"	9-1/2"	22-3/4"	29-1/2"	1-1/4"	2"	6"	490
CWN0647PM	645	633	31-1/2"	56-3/4"	22-1/4"	12-1/2"	9-1/2"	28-1/2"	29-1/2"	1-1/4"	2"	8"	555
CWN0747PM	745	731	31-1/2"	64"	22-1/4"	12-1/2"	9-1/2"	32"	29-1/2"	1-1/4"	2"	8"	610
CWN0987PM	985	967	36"	48-1/4"	33-1/2"	15-3/4"	8-1/2"	8-1/2"	33-1/4"	2"	2-1/2"	10"	900
CWN1257PM	1,255	1,232	36"	58-1/2"	33-1/2"	15-3/4"	9-1/2"	10-1/2"	33-1/4"	2"	2-1/2"	12"	1,020
CWN1437PM	1,435	1,409	36"	68-3/4"	33-1/2"	15-3/4"	10-1/2"	10-1/2"	33-1/4"	2"	2-1/2"	12"	1,065
CWN1797PM	1,795	1,762	36"	82-1/4"	33-1/2"	15-3/4"	11"	11"	33-1/4"	2"	2-1/2"	14"	1,265
CWN2067PM	2,065	2,027	36"	92-1/2"	33-1/2"	15-3/4"	11"	11"	33-1/4"	2"	2-1/2"	14"	1,400

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.

Venting Options

Outdoor Vent Cap and Pump Cover

Model No.	Fans	Controls	Pump	Approx. Total
497	3.6	3.6	5.8	13
647	3.6	3.6	5.8	13
747	3.6	3.6	5.8	13
987	3.4	4.6	7.4	15.4
1257	3.4	4.6	7.4	15.4
1437	3.8	4.6	7.4	15.8
1797	3.8	4.6	7.4	15.8
2067	3.8	4.6	7.4	15.8



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