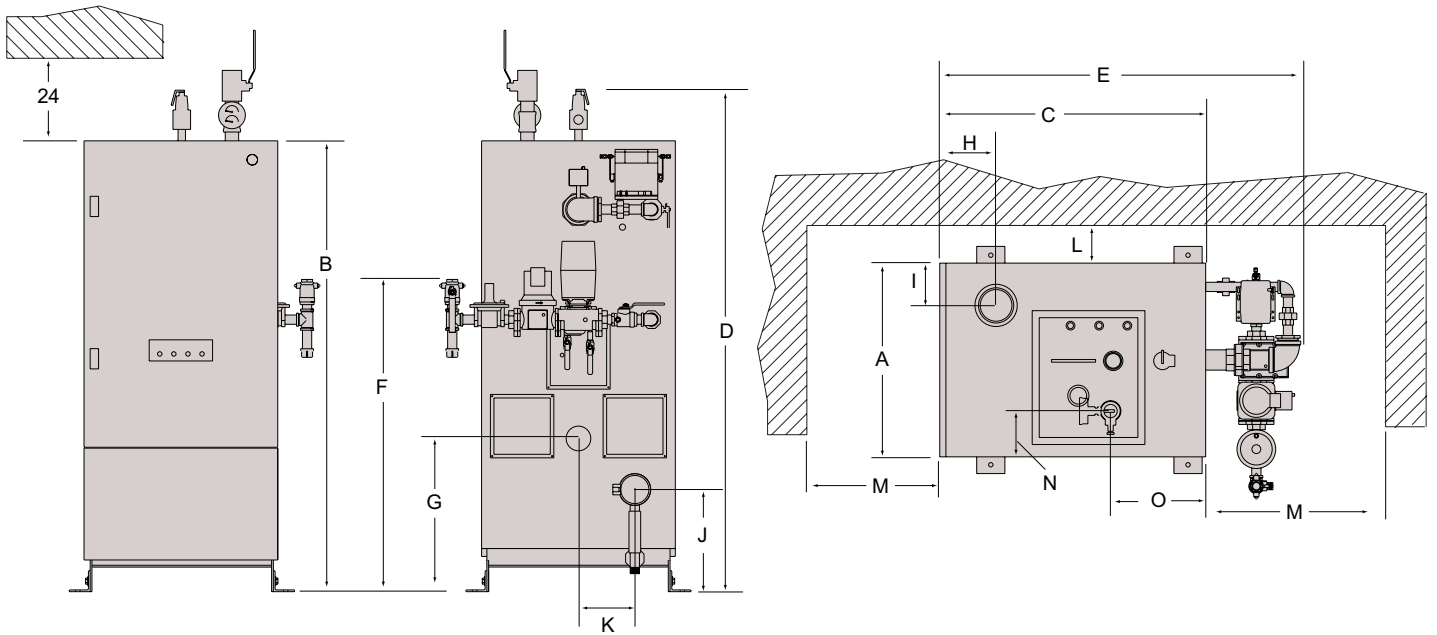


Product Data Submittal
 Fulton Pulse Model PHW-1000

**Pulse Combustion
 Hydronic Boilers**

Dimensions

Model	PHW-1000	
A. Boiler Width	IN	27.5
	MM	699
B. Boiler Height	IN	76
	MM	1,930
C. Boiler Depth	IN	37.8
	MM	959
D. Boiler Height w/trim	IN	83.3
	MM	2115
E. Boiler Depth w/trim	IN	51.3
	MM	1303
F. Gas Inlet Height	IN	54
	MM	1372
G. Return Water Inlet	IN	21.4
	MM	543
H. Air Inlet Depth	IN	8.25
	MM	210
I. Air Inlet Width	IN	5.75
	MM	146
J. Exhaust Outlet Height	IN	14
	MM	356
K. Exhaust Outlet Width	IN	8
	MM	203
L. Min. Clearance to Walls	IN	1
	MM	26
M. Min. Clearance to Front and Rear	IN	32
	MM	813
N. Water Out From Side	IN	6.25
	MM	168
O. Water Out From Back	IN	13.1
	MM	333



Specifications

Model		PHW-1000
Fuel		Natural Gas Propane
Input	BTU/Hr. KCAL/Hr.	1,000,000 252,000
Fuel Consumption @ rated capacity:		
Natural Gas	FT3/Hr. M3/Hr.	1000 29.3
Propane	FT3/Hr. M3/Hr.	400 11.4
Electrical Requirements		
	Amps 120V/60/1 240V/60/1	4.2 max; 0.6 run mode 2.1 max; 0.3 run mode
MAWP	PSI BAR	60/160 4.1/11.0
Water Content	Gal Liters	42 159

Boiler Connection Sizes

Safety Valve Inlet	IN	0.75
	MM	20
Safety Valve Outlet	IN	1
	MM	25.4
Water Inlet & Outlet	IN	2
	MM	50.8
Air Inlet	IN	4
	MM	102
Gas Inlet	IN	1.25
	MM	31.8
Exhaust Outlet	IN	4
	MM	102

Approximate Weights

Dry Weight	LB	1,800
	KG	816
Shipping Weight	LB	2,020
	KG	916
Operating Weight	LB	2,150
	KG	975
Floor Loading	LB/FT2	300
	KG/M2	1,425

NOTES:

1. We reserve the right to change specifications and/or dimensions.
2. Operating specifications may change based on field conditions.

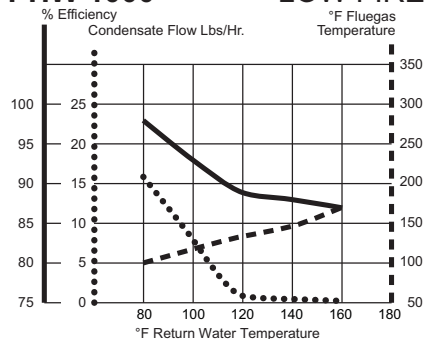
Installation Notes

1. Natural Gas Pressure Required: 7" W.C. - 11" W.C.
2. Propane Gas Pressure Required: 11" W.C. - 14" W.C.
3. Any pulse boiler can have the venting extended to 100 ft. and 6 elbows by increasing the vent size one additional pipe diameter. The exception is the PHW1400, which must be upsized from 4" to 6" AFTER the first 10 feet and then may extend an additional 40 feet.

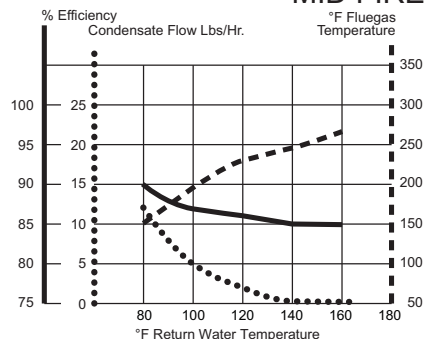
Efficiency Curves

| % Efficiency ··· Condensate Flow Lbs/Hr. : °F Fluegas Temperature

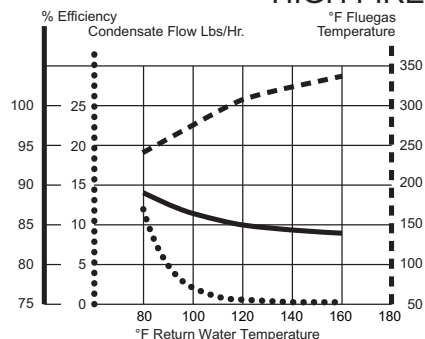
PHW 1000 LOW FIRE



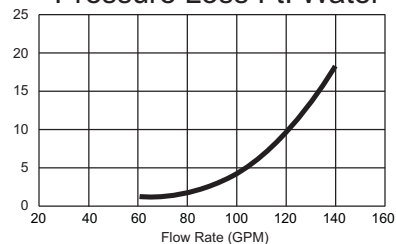
MID FIRE



HIGH FIRE



Pressure Loss Ft. Water



Fulton Heating Solutions, Inc.
972 Centerville Road
Pulaski, New York USA 13142
Call 315-298-5121
Fax 315-298-6390