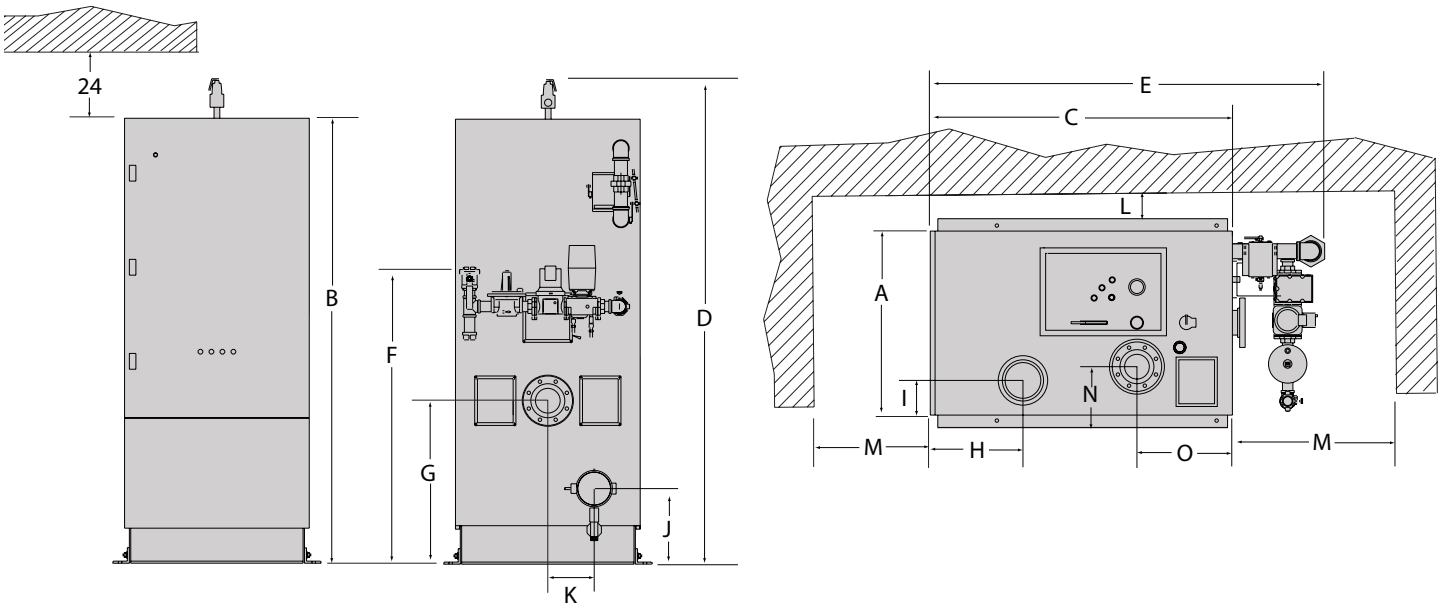


Product Data Submittal
 Fulton Pulse Model PHW-2000

**Pulse Combustion
 Hydronic Boilers**

Dimensions

Model	PHW-2000	
A. Boiler Width	IN	33.6
	MM	855
B. Boiler Height	IN	81
	MM	2057
C. Boiler Depth	IN	55
	MM	1397
D. Boiler Height w/trim	IN	89
	MM	2261
E. Boiler Depth w/trim	IN	70.1
	MM	1781
F. Gas Inlet Height	IN	54.1
	MM	1375
G. Return Water Inlet	IN	29.8
	MM	756
H. Air Inlet Depth	IN	16.8
	MM	429
I. Air Inlet Width	IN	6.4
	MM	162
J. Exhaust Outlet Height	IN	13.8
	MM	349
K. Exhaust Outlet Width	IN	8.5
	MM	218
L. Min. Clearance to Walls	IN	1
	MM	26
M. Min. Clearance to Front and Rear	IN	38
	MM	965
N. Water Out From Side	IN	8.9
	MM	226
O. Water Out From Back	IN	17.4
	MM	441



Specifications

Model	PHW-2000	
Fuel	Natural Gas Propane	
Input	BTU/Hr. KCAL/Hr.	2,000,000 503,992
Fuel Consumption @ rated capacity:		
Natural Gas	FT3/Hr. M3/Hr.	2000 56.6
Propane	FT3/Hr. M3/Hr.	720 20.4
Electrical Requirements	Amps 120V/60/1 240V/60/1	10 max; 0.75 run mode 5 max; 0.4 run mode
MAWP	PSI BAR	60/160 4.1/11.0
Water Content	Gal Liters	75 284

Boiler Connection Sizes

Safety Valve Inlet	IN	1.25
	MM	31.8
Safety Valve Outlet	IN	1.50
	MM	38.1
Water Inlet & Outlet	IN	4 Flanged
	MM	104
Air Inlet	IN	6
	MM	152
Gas Inlet	IN	1.5
	MM	38
Exhaust Outlet	IN	6
	MM	152

Approximate Weights

Dry Weight	LB	2,900
	KG	1,315
Shipping Weight	LB	3,620
	KG	1,642
Operating Weight	LB	3,500
	KG	1,588
Floor Loading	LB/FT2	275
	KG/M2	1,306

NOTES:

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

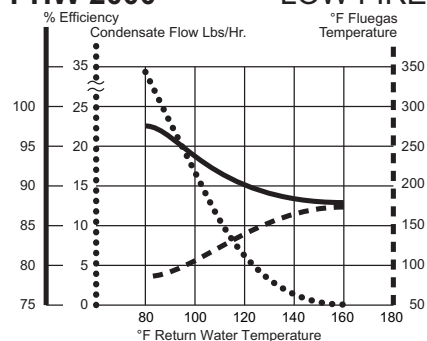
Installation Notes

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.

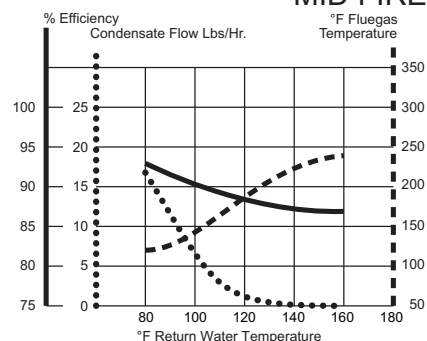
Efficiency Curves

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

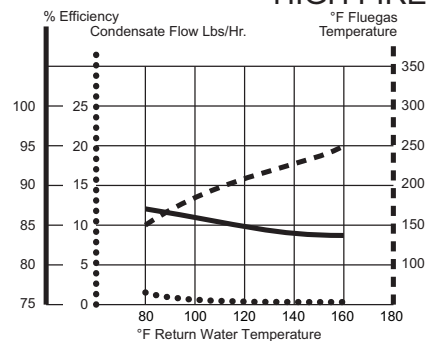
PHW 2000 LOW FIRE



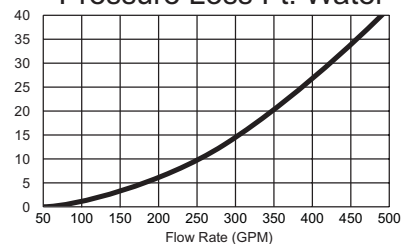
MID FIRE



HIGH FIRE



Pressure Loss Ft. Water



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