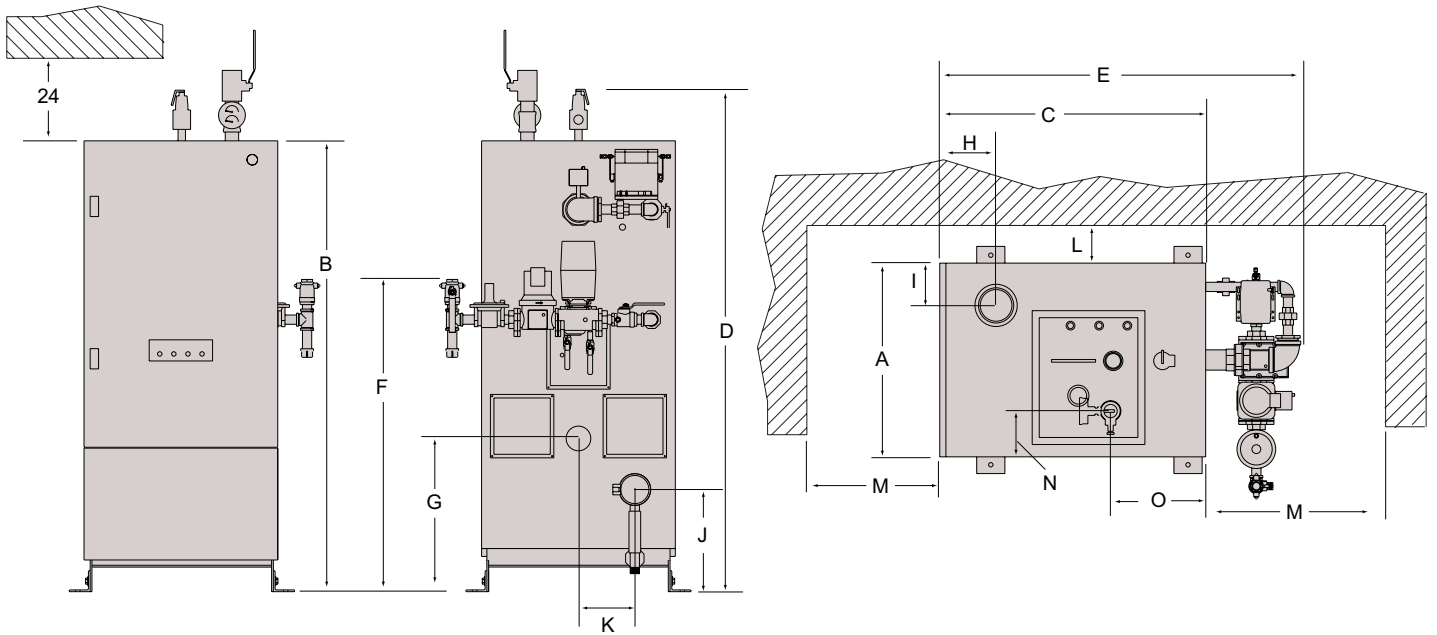


Product Data Submittal
 Fulton Pulse Model PHW-300

**Pulse Combustion
 Hydronic Boilers**

Dimensions

Model	PHW-300	
A. Boiler Width	IN	27.5
	MM	699
B. Boiler Height	IN	64
	MM	1,646
C. Boiler Depth	IN	37.8
	MM	959
D. Boiler Height w/trim	IN	71.25
	MM	1810
E. Boiler Depth w/trim	IN	53.25
	MM	1353
F. Gas Inlet Height	IN	44.5
	MM	1130
G. Return Water Inlet	IN	21.75
	MM	553
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	6.75
	MM	172
O. Water Out From Back	IN	13.25
	MM	337



Specifications

Model	PHW-300	
Fuel	Natural Gas Propane	
Input	BTU/Hr. KCAL/Hr.	300,000 75,600
Fuel Consumption @ rated capacity:		
Natural Gas	FT3/Hr. M3/Hr.	300 8.5
Propane	FT3/Hr. M3/Hr.	120 3.4
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	34 129

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	3
	MM	76.2
Gas Inlet	IN	1
	MM	25.4
Exhaust Outlet	IN	4
	MM	102

Approximate Weights

Dry Weight	LB	1,395
	KG	633
Shipping Weight	LB	1,720
	KG	780
Operating Weight	LB	1,680
	KG	737
Floor Loading	LB/FT2	235
	KG/M2	1,116

NOTES:

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

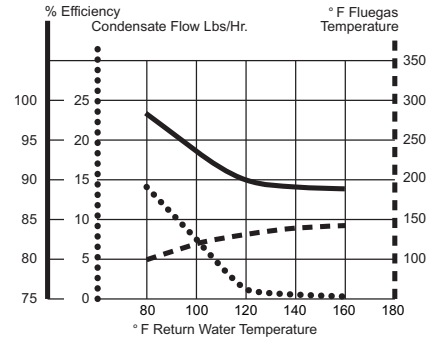
Installation Notes

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.

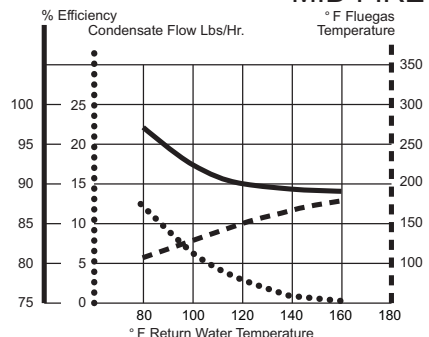
Efficiency Curves

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

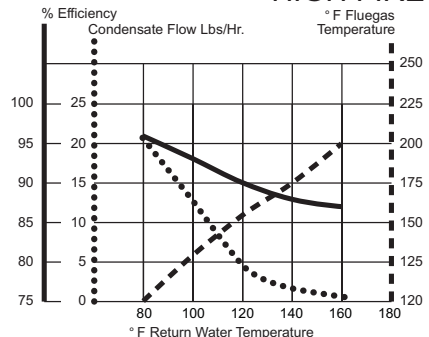
PHW 300 LOW FIRE



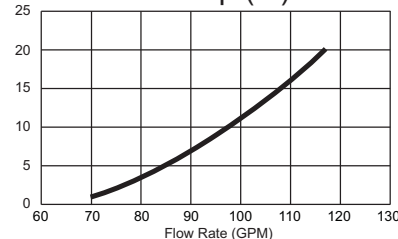
MID FIRE



HIGH FIRE



Pressure Drop (ft.) Water



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