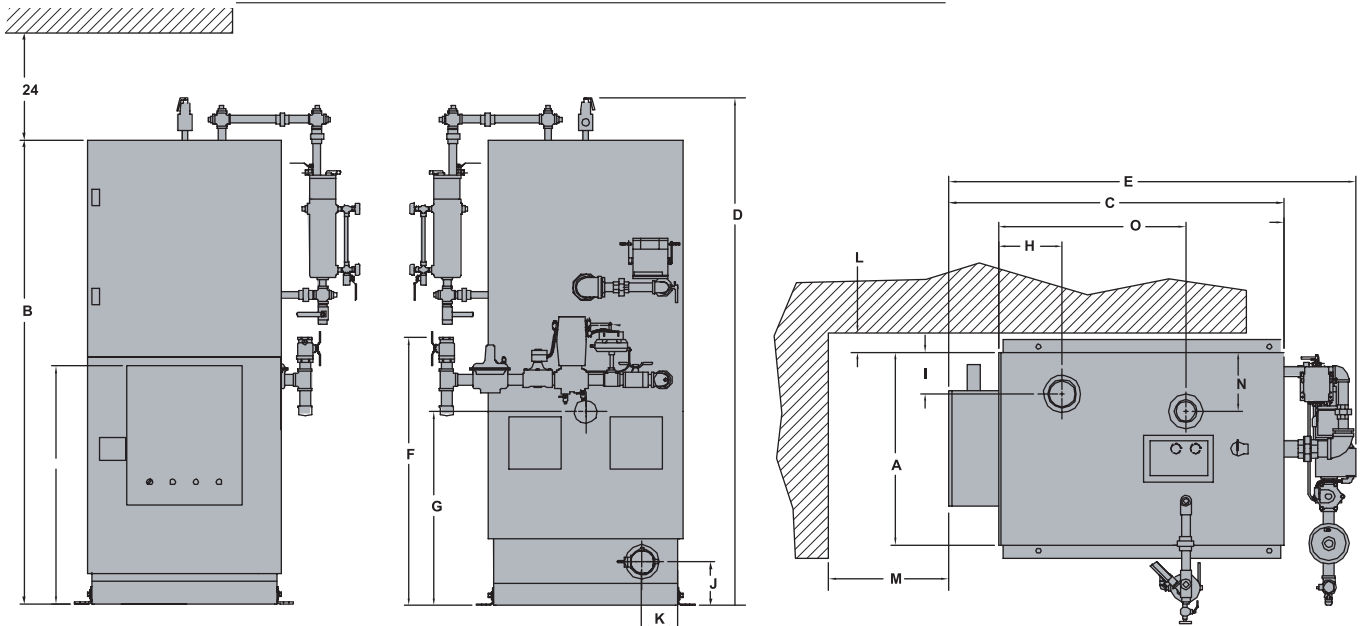


Product Data Submittal

Fulton PulsePak Models PVL750 and PVL1150

**Fulton Pulse
Combustion Vertical
Low Pressure Boilers**

Dimensions	Model	PVL750	PVL1150	
A. Boiler Width	IN	33.5	33.5	
	MM	851	851	
B. Boiler Height	IN	81	81	
	MM	2,058	2,058	
C. Boiler Depth	IN	50	50	
	MM	1,270	1,270	
D. Boiler Height w/trim	IN	87.5	87.5	
	MM	2,223	2,223	
E. Boiler Depth w/trim	IN	62	62	
	MM	1,575	1,575	
F. Gas Inlet Height	IN	46	46	
	MM	1,169	1,169	
G. Water Inlet	IN	34.25	34.25	
	MM	870	870	
H. Air Inlet Depth	IN	11	11	
	MM	279	279	
I. Air Inlet Width	IN	7.5	7.5	
	MM	191	191	
J. Exhaust Outlet Height	IN	17	17	
	MM	432	432	
K. Exhaust Outlet Width	IN	7	7	
	MM	178	178	
L. Min. Clearance to Walls	Left (as viewed from front)	IN	1	1
		MM	25.5	25.5
	Right (as viewed from front)	IN	24	24
		MM	610	610
M. Min. Clearance (Front and Rear)	IN	36	36	
	MM	914	914	
N. Steam Out From Side	IN	10.5	10.5	
	MM	267	267	
O. Steam Out From Front	IN	32.5	32.5	
	MM	826	826	



Specifications

Model		PVLP750	PVLP1150
Fuel		Natural Gas	Natural Gas
Input	BTU/Hr.	750,000	1,150,000
	KCAL/Hr.	189,000	289,000
Output	BTU/Hr.	623,000	932,000
	KCAL/Hr.	157,000	235,000
Fuel Consumption @ rated capacity:			
Natural Gas	FT3/Hr.	750	1150
	M3/Hr.	21.2	32.6
Unit Size/Output	BHP	18	27
	KW	180	269
Electrical Requirements	Amps		
	120V,60 CY.1 Phase	4	4
	240V,50/60 CY.1 Phase	N/A	N/A
MAWP	PSI	15	15
	BAR	1.03	1.03
Water Content	Gal	85	85
	Liters	322	322
Boiler Connection Sizes			
Supply Safety Valve Inlet	IN	1.25	1.25
	MM	31.8	31.8
Supply Safety Valve Outlet	IN	1.5	1.5
	MM	38.1	38.1
Water Inlet	IN	1	1
	MM	25.4	25.4
Steam Outlet	IN	3	3
	MM	76.2	76.2
Air Inlet	IN	4	4
	MM	102	102
Gas Inlet	IN	1	1.5
	MM	31.5	38
Exhaust Outlet	IN	4	4
	MM	102	102
Approximate Weights			
Dry Weight	LB	2500	2500
	KG	1134	1134
Shipping Weight	LB	2660	2660
	KG	1,208	1,208
Operating Weight	LB	3195	3195
	KG	1,451	1,451
Floor Loading	LB/FT ²	246	246
	KG/M ²	1,200	1,200

Air Intake Supply & Exhaust Vent Piping+		
	No. of Feet of Standard Dia. Pipe	No. of 90° Elbows
Min. length air intake supply piping	10 (3.1m)	0
Max. length air intake supply piping	35 (10.7m)	4
Min. length exhaust vent piping	10 (3.1m)	0
Max. length exhaust vent piping	35 (10.7m)	4

Installation Notes

1. Natural Gas Pressure Required - 7" W.C. (5.5" W.C. minimum).
2. For the mufflers to attenuate the boiler noise level as shown on the Sound Pressure Level Values bulletin, the muffler should be installed within 8 feet of the boiler.
3. Any pulse boiler can have the venting extended to 100 ft. and 6 elbows by increasing the vent size from 4" to 6".
4. One condensate drainer can be used for up to 8 boilers. The condensate drainer requires a fresh water connection. The connection is a 1/4" compression fitting, and the water pressure shall be less than 100 PSI.

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