



Industrial/Commercial Division
Fulton Heating Solutions, Inc.

Product Data Submittal

Fulton Model: VTG-2000DF

Fulton VANTAGE Commercial/Industrial Hydronic Heating Boilers

(Dual Fuel Burner - Gas/Oil)

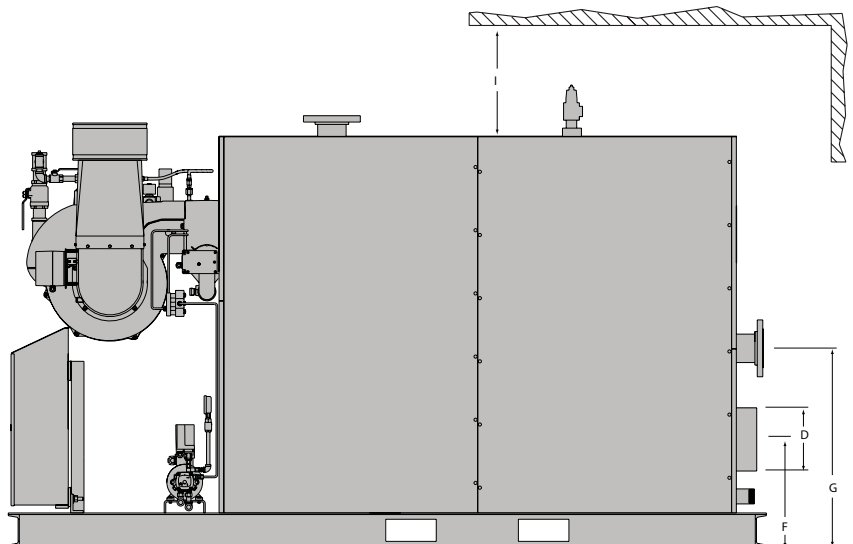
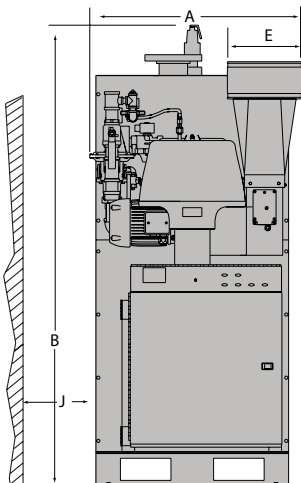
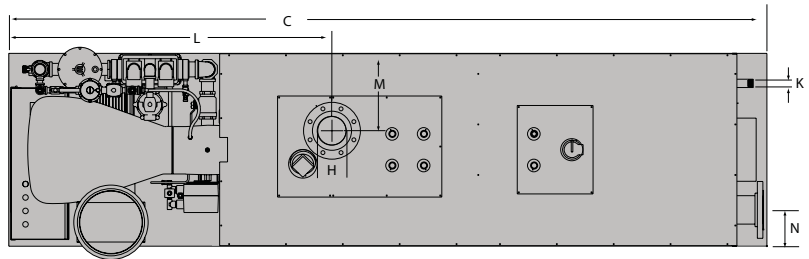
Dimensions

A. Boiler Width	IN	33.6
	MM	854
B. Boiler Height	IN	72.75
	MM	1848
C. Boiler Depth w/ Blower	IN	120
	MM	3048
D. Flue Outlet Diameter	IN	10
	MM	254
E. Air Inlet Diameter	IN	10
	MM	254
F. To Center of Flue Outlet	IN	16.9
	MM	429
G. To Center of Return Water Inlet	IN	31.25
	MM	794
H. Water Inlet/Outlet Diameter	IN	4
	MM	102
I. Min. Clearance to Ceiling	IN	24
	MM	610
J. Min. Clearance to either Side Wall *	IN	12
	MM	305
Min. Clearance to Front	IN	36
	MM	915
Min. Clearance to Rear	IN	24
	MM	610
K. Condensate Drain Diameter	IN	1
	MM	25.4

L. Water Outlet from Front of Skid	IN	51.1
	MM	1298
M. Water Outlet from Side	IN	12.25
	MM	311
N. Water Inlet from Side	IN	5.75
	MM	146

Specifications and Dimensions are approximate and for reference only. We reserve the right to change specifications and/or dimensions.

* Consult factory for 1" side clearance.



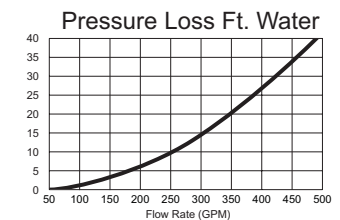
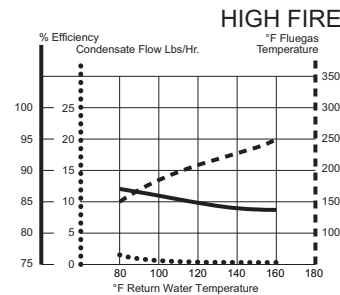
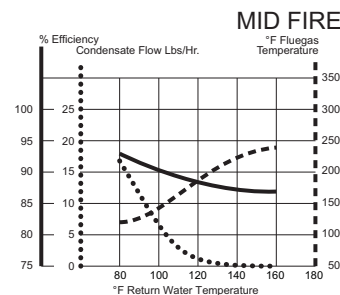
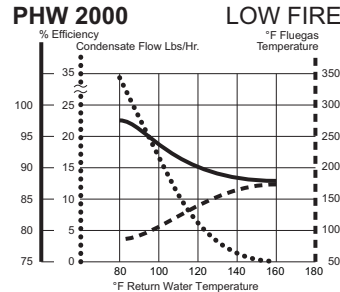
Specifications

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Industrial/Commercial Division
Fulton Heating Solutions, Inc.

Model	VTG-2000DF	
Fuel	Nat. Gas, LP, #2 Oil See Note 1	
Input	BTU/Hr. KCAL/Hr.	2,000,000 503,992
Fuel Consumption @ rated capacity:		
Natural Gas	FT ³ /Hr. M ³ /Hr.	2000 56.7
#2 Oil	GPH LPH	14.3 54.2
Unit Size/Output	BHP KW	51 510
Electrical Requirements		
230V,60Hz,3 Phase	Amps	13.4
460V,60Hz,3 Phase	Amps	6.7
Blower Motor	HP KW	2 1.5
MAWP	PSI BAR	160 11.0
Max. suction to boiler mounted oil pump	Hg Bar	13 0.44
Max. flow & return pressure to oil pump	PSI Bar	3 2
Water Content	Gal Liters	147 560
Boiler Connection Sizes		
Safety Valve Inlet	IN MM	1.25 31.8
Safety Valve Outlet	IN MM	1.5 38.1
Water Inlet & Outlet	IN MM	4 102
Air Inlet	IN MM	10 254
Exhaust Outlet	IN MM	10 254
Gas Inlet	IN MM	1.5 38.1
Oil Inlet Connection	IN MM	.25 6
Approximate Weights		
Dry Weight	LB KG	3,800 1,727
Shipping Weight	LB KG	4,300 1,955
Operating Weight	LB KG	5,100 2,138
Floor Loading	LB/FT ² KG/M ²	220 1,045

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



Air Intake Supply & Exhaust Vent Piping+

	No. of Feet of Standard Dia. Pipe	No. of 90° Elbows
Min. length air intake supply piping	0	0
Max. length air intake supply piping	35 (10.7m)	4
Min. length exhaust vent piping	0	0
Max. length exhaust vent piping	35 (10.7m)	4

+ Screened Termination Couplings inapplicable. Air intake and vent sizes may vary based on the installation. Please contact Fulton for vent sizing assistance. Consult factory for longer air intake and exhaust run requirements.

NOTES:

- The turndown ratio is 5:1 for Natural Gas; 3:1 for Propane; 2:1 for Oil

Installation Notes

- Natural Gas Pressure Required: 11.5" W.C., consult factory for lower gas pressure applications. Minimum Propane Gas Pressure Required: 17" wc.
- One condensate drain can be used for up to 3 boilers. The condensate drain requires a fresh water connection. The connection is a 1/4" compression fitting and the water pressure shall be less than 100 PSI.