



Industrial/Commercial Division  
Fulton Heating Solutions, Inc.

## Product Data Submittal

Fulton Model: VTG-2000

# Fulton VANTAGE Commercial/Industrial Hydronic Heating Boilers (Standard Burner)

## Dimensions

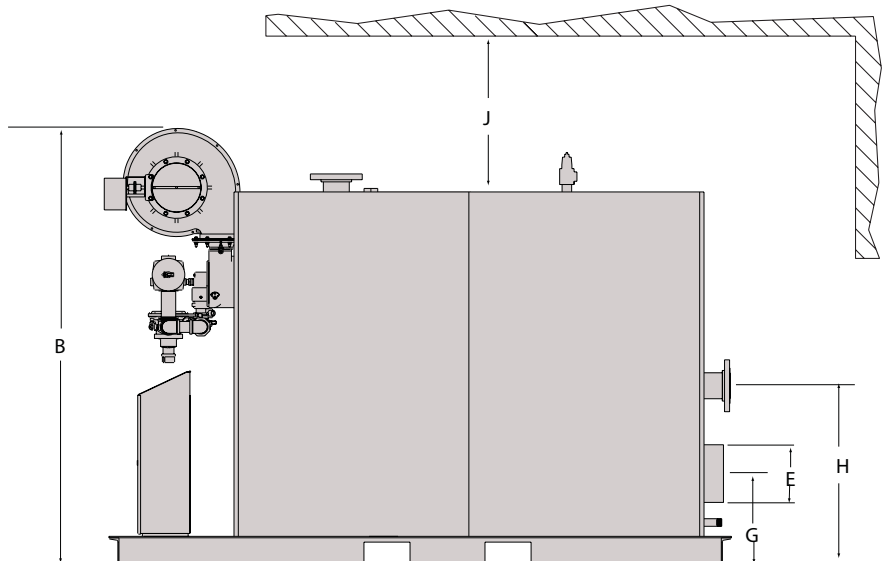
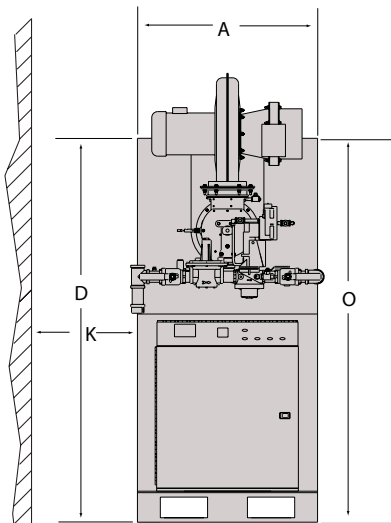
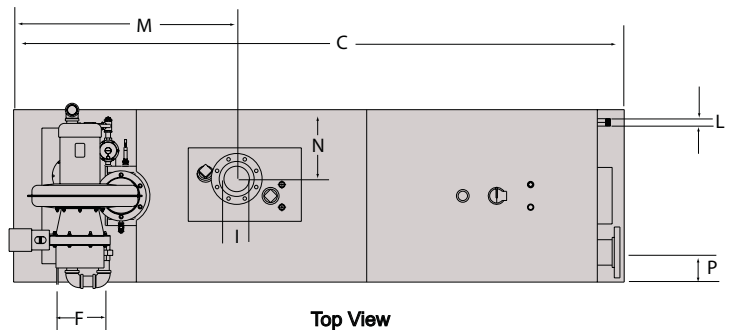
A. Boiler Width	IN	30.5
	MM	775
B. Boiler Height w/ Blower	IN	76
	MM	1930
C. Boiler Depth w/ Blower	IN	108
	MM	2744
D. Boiler Height w/o Blower	IN	68
	MM	1727
E. Flue Outlet Diameter	IN	10
	MM	254
F. Air Inlet Diameter	IN	8
	MM	203
G. To Center of Flue Outlet	IN	16.2
	MM	410
H. To Center of Return Water Inlet	IN	31.4
	MM	797
I. Water Inlet/Outlet Diameter	IN	4
	MM	102
J. Min. Clearance to Ceiling	IN	24
	MM	610
K. Min. Clearance to either Side Wall (See Note 1)	IN	12
	MM	458
Min. Clearance to Front	IN	36
	MM	915
Min. Clearance to Rear	IN	24
	MM	610

L. Condensate Drain Diameter	IN	1
	MM	25.4
M. Water Outlet from Front of Skid	IN	39.5
	MM	1003
N. Water Outlet from Side	IN	12.25
	MM	311
O. To Center of Air Inlet	IN	65.5
	MM	1664
P. Water Inlet from Side	IN	5.25
	MM	133

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

**NOTE:**

1. Consult factory for 1" side clearance.



Front View

Right Side View

# Specifications

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 Pulaski, New York USA 13142  
 Call 315-298-5121  
 Fax 315-298-6390  
 web site: www.fulton.com

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<b>Model</b>	<b>VTG-2000</b>	
Fuel	Nat. Gas or LP <b>See Note 1</b>	
Input	BTU/Hr.	2,000,000
	KCAL/Hr.	503,992
Output	BTU/Hr. 120°F in—140°F out	1,750,000
	KCAL/Hr. 49°C in— 60°C out	441,920
Fuel Consumption @ rated capacity:		
Natural Gas	FT3/Hr.	2000
	M3/Hr.	56.7
Propane	FT3/Hr.	800
	M3/Hr.	22.6
Unit Size/Output	BHP	51
	KW	513
Electrical Requirements	Amps	
	230V,60Hz,3 Phase	6.8
	460V,60Hz,3 Phase	3.4
MAWP	PSI	160
	BAR	11.0
Water Content	Gal	147
	Liters	560
<b>Boiler Connection Sizes</b>		
Safety Valve Inlet	IN	1.25
	MM	31.8
Safety Valve Outlet	IN	1.5
	MM	38.1
Water Inlet & Outlet	IN	4
	MM	104
Air Inlet	IN	8
	MM	203
Gas Inlet	IN	1.5NG/ 1.25LP
	MM	38.1 / 31.8
Exhaust Outlet	IN	10
	MM	254
<b>Approximate Weights</b>		
Dry Weight	LB	3,800
	KG	1,727
Shipping Weight	LB	4,300
	KG	1,955
Operating Weight	LB	5,100
	KG	2,138
Floor Loading	LB/FT2	220
	KG/M2	1,045

**NOTES:**

**1. The turndown ratio is 5:1 for Natural Gas and 3:1 for Propane.**

**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.

**Installation Notes**

- Minimum Natural Gas Pressure Required: 14" wc., consult factory for lower gas pressure applications.  
 Minimum Propane Gas Pressure Required: 17" wc.
- One condensate drain can be used for up to 4 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.