

Product Data Submittal
Fulton Model FD-V

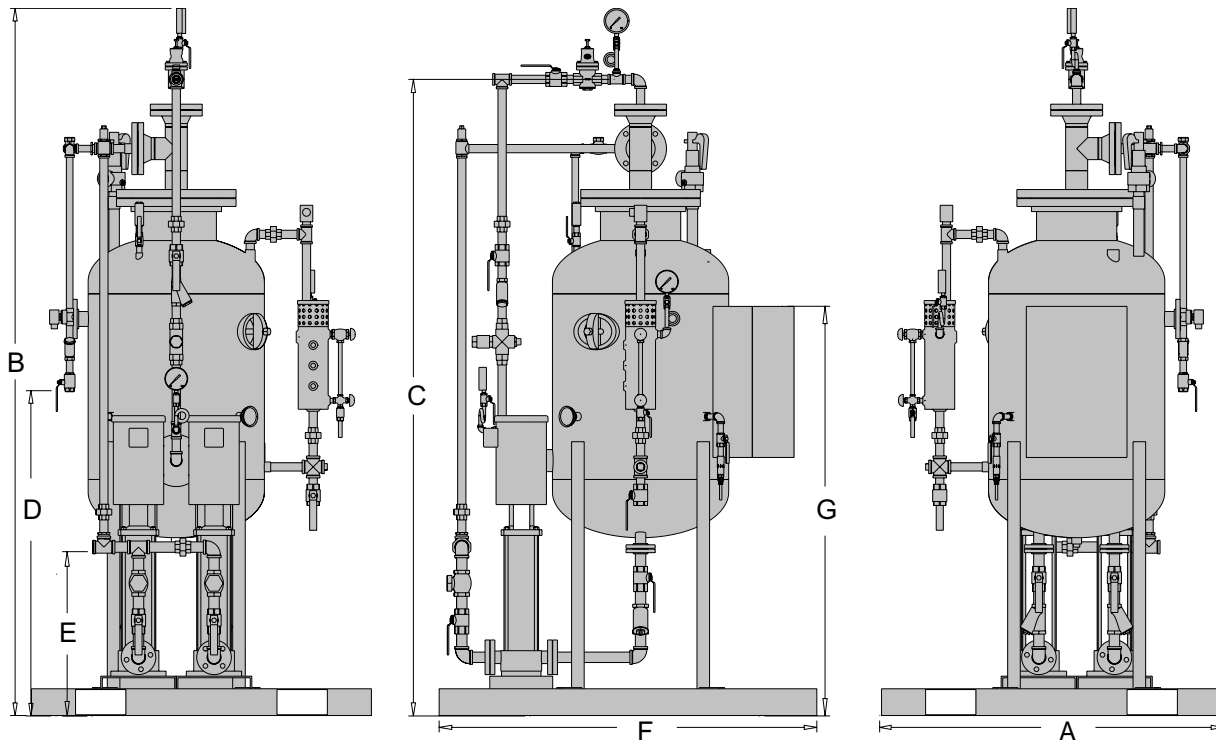
Fulton Vertical Deaerator Tank

Dimensions

Models FD-V		80
Unit Size:	BHP	4-80
Rating	LB/HR	2700
	KG/HR	1225
A. Unit Width	IN	54
	MM	1372
B. Unit Height	IN	112
	MM	2845
C. Height to Steam Inlet	IN	100
	MM	2450
D. To Bottom of Cold Water Supply	IN	60
	MM	1524
E. Connection to Boiler	IN	26
	MM	660
F. Unit Depth	IN	60
	MM	1524
G. Height to top of Panel Box	IN	64
	MM	1626

Specifications

Models FD-V		80
Steam Inlet	IN	1
	MM	25.4
Boiler Feedwater Connection	IN	1
	MM	25.4
Cold Water Supply	IN	.75
	MM	19
Drain Connection	IN	1
	MM	25.4
Air Vent Connection	IN	.5
	MM	12.2
Safety Valve Outlet	IN	1.25
	MM	31.75
Chemical Quill Connection	IN	.5
	MM	12.2
High Pressure Return Connection	IN	2
	MM	50.8
Low Pressure Return Connection	IN	
	MM	
Approximate Weight		
Shipping Weight	LB	1750
	KG	794
Operating Weight	LB	2900
	KG	1320
DA Tank Capacity	GAL	125
	LITERS	473
Water Level Full Volume	GAL	84
	LITERS	318



STANDARD FEATURES

- ASME Section VIII, 50 psig Tank
- 1/8" Corrosion Allowance, 1/4" Carbon Steel Shell/Heads
- Trim at 50 or 15 psig
- Duplex Grundfos CR Series Vertical Multistage Pumps
- NEMA 1 Control Panel with Motor Starter, HOA's, Nonfused Disconnect
- High/Low Water Alarm/Light
- Probe Style Level Control Systems with External Water Column
- Fresh Water Pneumatic Actuated Ball Valve
- Dual Steam Controls: TCV with Sparge System and Tray Section PRV with 3 Valve Bypass
- Pump Custion Strainers, Isolation Valves, Flex Connectors all piped
- Pump Discharge Isolation Valve, Check Valve and Discharge Pressure Guage
- Removeable Tray Section with 316L Stainless Trays
- Continuous Recirculation of Hot Storage Water Through Tray Section

OPTIONS

- On/Off or Modulating Float Type Level Controls
- Stainless Steel Pressure Vessel
- Insulated PV
- Multiple Pumps
- NEMA 4 Panel with Liquid Tight Conduit
- Combination Motor Starters or External Fused Disconnects

When Ordering, please specify:

- Unit Size
- Number of Pumps
- On/Off or Continuous Pumps
- Tank Trim Pressure
- Pressurized or Atmospheric Operation
- Pump Voltage
- Boiler(s) Size, Trim/Operating Pressure and type of Level Control



Fulton Heating Solutions, Inc.
972 Centerville Road
Pulaski, New York USA 13142
Call 315-298-5121
Fax 315-298-6390

FD-V PDS
Rev. 01/07
Printed in USA