

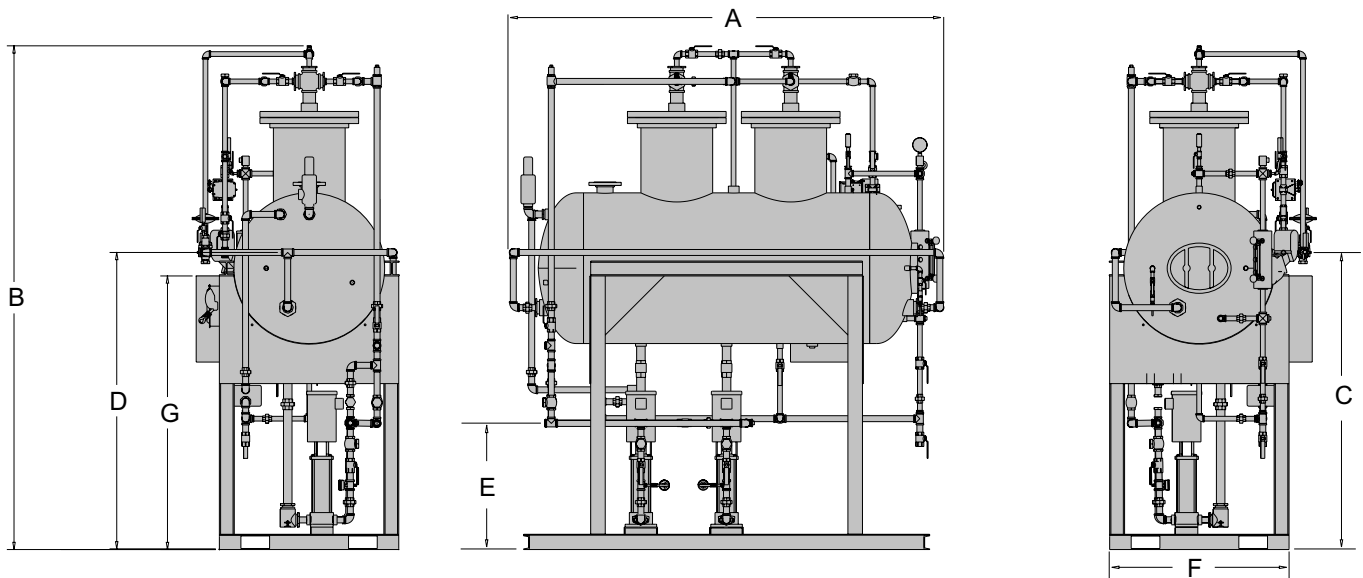
**Product Data Submittal**  
**Fulton Model FD-H**

**Fulton Horizontal**  
**Deaerator Tank**

**Dimensions**

Models FD-H		150	200	300	400	500	600	800	1000	1200
Unit Size:	BHP	101-175	176-240	241-350	351-450	451-550	551-700	701-900	901-1100	1101-1300
Rating	LB/HR	6000	8000	13000	15000	19000	24000	31000	38000	45000
	KG/HR	2722	3629	5897	6804	8618	10886	14061	17237	20412
A. Unit Width	IN	78	96	102	108	120	132	125	143	150
	MM	1981	2438	2591	2743	3048	3353	3175	3632	3810
B. Unit Height	IN	121	121	128	128	141	141	141	141	152
	MM	3070	3070	3251	3251	3581	3581	3581	3581	3861
C. Height to Steam Inlet	IN	75	75	75	75	82	82	82	82	64
	MM	1905	1905	1905	1905	2083	2083	2083	2083	1626
D. To Bottom of Cold Water Supply	IN	42	42	42	42	76	76	78	78	40
	MM	1070	1070	1070	1070	1930	1930	1981	1981	1016
E. Connection to Boiler	IN	24	24	24	24	26	26	26	26	26
	MM	610	610	610	610	660	660	660	660	660
F. Unit Depth	IN	54	54	60	60	66	66	66	66	90
	MM	1372	1372	1524	1524	1676	1676	1676	1676	2286
G. Height to top of Panel Box	IN	70	70	70	70	70	70	74	74	64
	MM	1780	1780	1780	1780	1780	1780	1880	1880	1626
<b>Approximate Weight</b>										
Shipping Weight	LB	2110	2530	3700	4400	5625	6200	7131	7640	9300
	KG	957	1148	1682	1996	2556	2812	5611	3466	4219
Operating Weight	LB	3700	4500	6980	7500	9003	10300	12300	13675	17850
	KG	1678	2041	3173	3402	4082	4672	5579	6203	8097
DA Tank Capacity	GAL	250	310	500	540	602	675	850	960	1400
	LITERS	946	1174	1893	2044	2279	2555	3218	6334	5300
Water Level Full Volume	GAL	170	210	325	360	405	475	590	700	975
	LITERS	644	795	1230	1363	1533	1798	2233	2650	3691

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



# Specifications

Models FD-H		150	200	300	400	500	600	800	1000	1200
Steam Inlet - Low Pressure	IN	1.25	1.25	2	2	2	2	3	3	4
	MM	31.8	31.8	50.8	50.8	50.8	50.8	76.2	76.2	101.6
Steam Inlet - High Pressure	IN	.75	.75	1	1	1.25	1.25	1.5	1.5	2
	MM	19	19	25.4	25.4	31.8	31.8	38.1	38.1	50.8
Boiler Feedwater Connection	IN	1	1	1	1	1.25	1.25	1.5	2	2
	MM	25.4	25.4	25.4	25.4	31.8	31.8	38.1	50.8	50.8
Cold Water Supply	IN	1	1	1	1	1.25	1.25	1.25	1.5	1.5
	MM	25.4	25.4	25.4	25.4	31.8	31.8	31.8	38.1	38.1
Drain Connection	IN	1	1	1	1	1.25	1.25	1.5	2	2
	MM	25.4	25.4	25.4	25.4	31.8	31.8	38.1	50.8	50.8
Air Vent Connection	IN	.5	.5	.75	.75	.75	.75	.75	*.75	*.75
	MM	12.7	12.7	19	19	19	19	19	19	19
Safety Valve Outlet - 15 PSIG	IN	1.25	1.5	2.5	2.5	*2.5	*2.5	*2.5	*2.5	3
	MM	31.8	38.1	63.5	63.5	63.5	63.5	63.5	63.5	76.2
Safety Valve Outlet - 50 PSIG	IN	1.25	1.5	1.5	1.5	*2.5	*2.5	*2	*2	3
	MM	31.8	38.1	38.1	38.1	63.5	63.5	50.8	50.8	76.2
Chemical Quill Connection	IN	.5	.5	.5	.5	.5	.5	.5	.5	.5
	MM	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
High Pressure Return	IN	N/A	N/A	2	2	2	2	2	2	4
	MM			50.8	50.8	50.8	50.8	50.8	50.8	101.6
Low Pressure Return	IN	3	3	3	3	4	4	4	4	*3
	MM	76.2	76.2	76.2	76.2	101.6	101.6	101.6	101.6	76.2

\* = Quantity of 2

## Standard Features

- ASME Section VIII, 50 psig Tank
- 1/8" Corrosion Allowance, 3/8" 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 (except DA1200):TCV with Sparge System and Tray Section PRV with 3 Valve Bypass
- Pump Suction Strainers, Isolation Valves, Flex Connectors all piped
- Pump Discharge Isolation Valve, Check Valve and Discharge Pressure Gauge
- Removeable Tray Section with 316L Stainless Trays
- Continuous Recirculation of Hot Storage Water Through Tray Section

## When Ordering, please specify:

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

## Options

- On/Off 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