

# Fulton Blow-off Separators

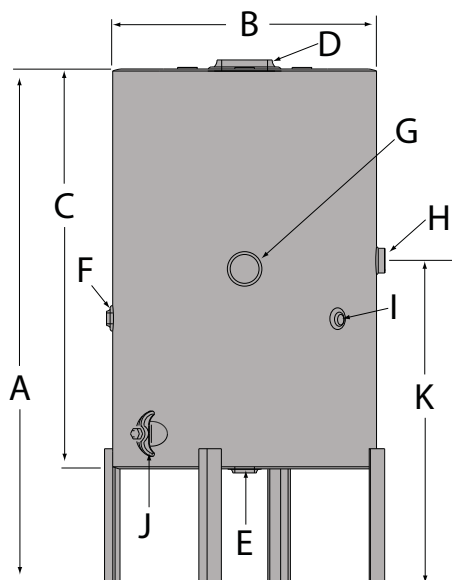
## Product Data Submittal

Fulton Models: F-10 through F-350

## Specifications/Dimensions/Connections

Models F		10	20	30	50	75	100	150	250	350
For Boiler Size:	HP	1-10	11-20	21-30	31-50	51-80	81-100	101-150	151-250	251-400
Capacity	U.S. Gallons	7.9	17.4	22	35.6	40.8	58.75	70.5	157	179
	LITERS	30	66	83	135	154	222	267	594	667
Weight	LBS	110	190	200	255	295	415	450	585	690
	KG	50	86	91	116	134	188	204	260	313
<b>DIMENSIONS</b>										
A. Height	IN	32	34	34	40	44	44	50	68	74
	MM	813	864	864	1016	1118	1118	1270	1727	1880
B. Diameter	IN	10.75	16	18	20	20	24	24	32	32
	MM	254	406	457	508	508	610	610	813	813
C. Tank Height	IN	20	20	20	26	30	30	36	48	54
	MM	508	508	508	660	762	762	914	1219	1372
D. Vent	IN	3	3	3	3	4	4	4	6	6
	MM	76	76	76	76	102	102	102	153	153
E. Drain	IN	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2	2
	MM	38	38	38	38	38	38	38	51	51
F. Water Supply	IN	.50	.50	.50	.50	.75	.75	.75	.75	.75
	MM	13	13	13	13	19	19	19	19	19
G. Outlet	IN	3	3	3	3	3	3	3	3	3
	MM	76	76	76	76	76	76	76	76	76
H. Inlet	IN	1	1.25	1.25	1.5	2	2	2	2	2
	MM	25	32	32	38	51	51	51	51	51
I. Thermometer	IN	.5	.5	.5	.5	.5	.5	.5	.5	.5
	MM	13	13	13	13	13	13	13	13	13
J. Hand Hole	IN	3x4	3x4	3x4	3x4	3x4	3x4	3x4	3x4	3x4
	MM	76x102	76x102	76x102	76x102	76x102	76x102	76x102	76x102	76x102
K. Inlet Height	IN	24	26	26	29	31	31	34	43	46
	MM	610	660	660	739	787	787	864	1092	1168

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



### Standard Features

- ASME Section VIII Code Vessels stamped at 75 psig
- Baffle Plate at Inlet and Vent Connections
- 3" x 4" Handholes for Cleaning and Inspection
- Heavy Gauge Carbon Steel Shell and Head Construction
- Cold Water Connection for Cooling of Blow-off Water
- Thermometer

### Options

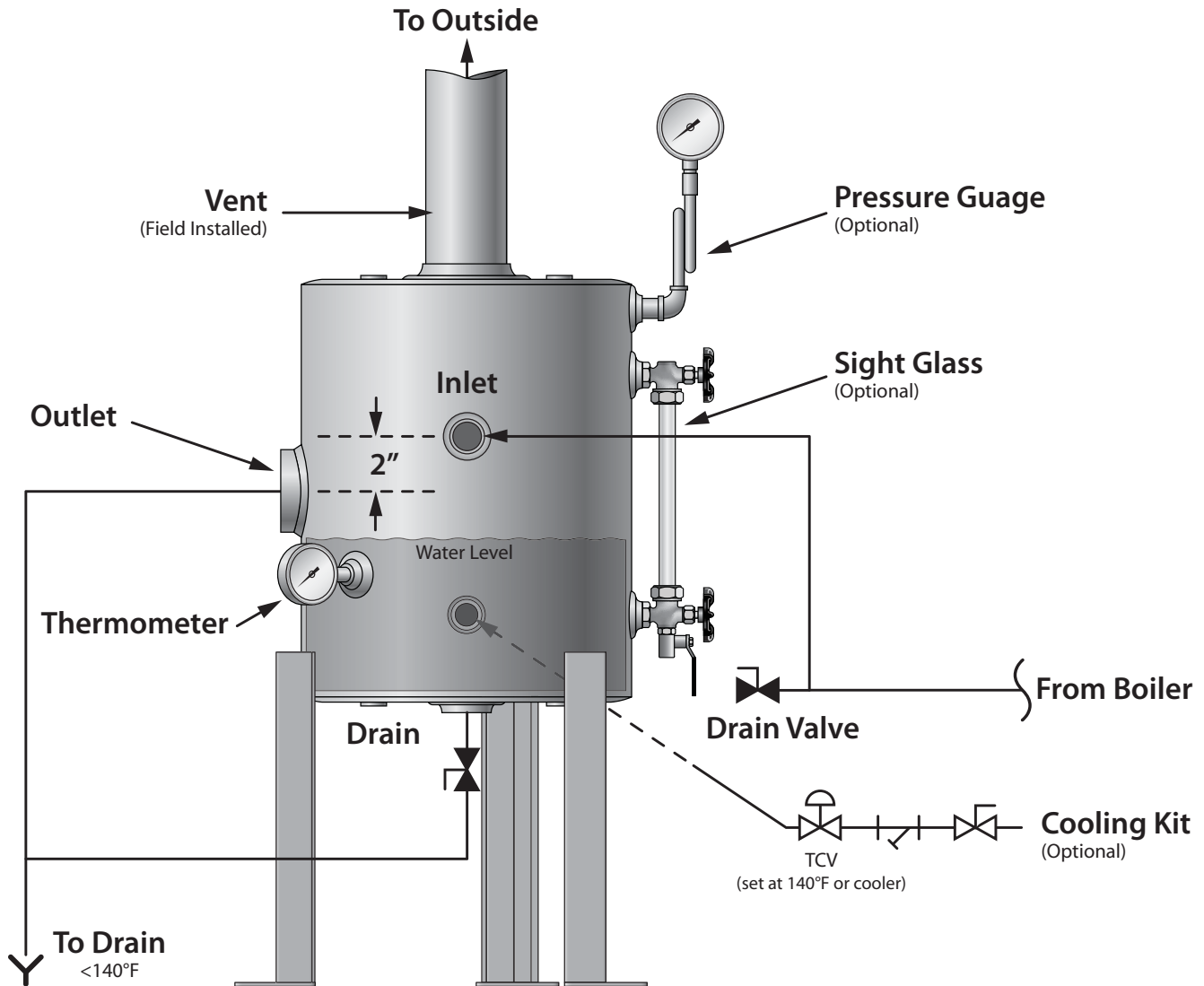
- Sight Glass/Pressure Gauge
- Custom Pressure Ratings
- Stainless Steel Baffle Plates
- Automatic Self Actuating Valve Cooling Kits

### When Ordering, please specify:

- Unit Size
- Boiler(s) Size and Pressure
- Methods of Auto Cooling
- Any Desired Options

# Typical Installation

Fulton Models: F-10 through F-350



## Installation Guidelines

1. Blow-off Vessels should be vented to the outside, via the top of the blow-off vessel, without reducing the vent size.
2. Where continuous, or high capacity intermittent blow-off rates are expected, Fulton highly recommends a cooling kit to be installed to a cool discharge water to <math><140^{\circ}\text{F}</math>.
3. For multiple boiler installations, each boiler can be piped to a common header provided the header is sized equal or larger than the largest single line from any boiler.
4. Blow-off Piping from a boiler to the blow-off vessel cannot be reduced in size per ASME code.



The heat transfer innovators.

The Fulton Companies

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