

## GFS-SERIES

### SINGLE STAGE FILTER SEPARATORS

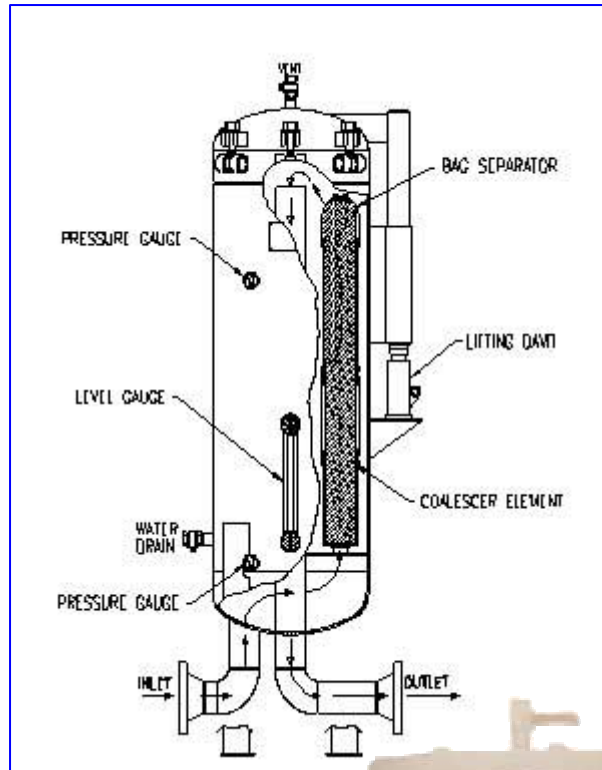
#### GFS-251 & 242 SERIES

The **GFS single stage filter separator** is a system designed in two separate designs to meet each customer's operational needs. Systems are designed for the most rapid and efficient removal of water and solids from jet fuel to kerosene. Basic design includes 150# carbon steel construction, liquid level gauge, pressure gauges on inlet and outlet and manual vent/drain valves.

**Single stage filter separators** are ideal for lower flow applications where a coalescing element with a surrounding outer sock that provides separation is used.

**GFS-251 series** vessels are compact, light weight and able to handle flow rates of up to 150 GPM. These low profile vessels are ideal for mobile applications where equipment has to be moved often and available working space is limited.

**GFS-242 series** vessels are larger, heavier and can handle flow of up to 1400 GPM. Usually skid mounted for safety and stability these vessels are capable of higher flow single stage separation.



#### STANDARD EQUIPMENT

- Manual Air Release
- Manual Water Drain
- Coalescer Element(s)
- Pressure Gauge
- Liquid Level Gauge
- Flat Head Closure (GFS-251)
- Elliptical Swing Bolt Closure (GFS-242)

#### GFS SERIES APPLICATIONS

- Jet Fuels - Diesel Fuels
- Fuel Oils - Kerosene
- Gasoline - Solvents

#### OPTIONAL EQUIPMENT

- AMSE Code Stamp
- Drip Ring Skid
- Automatic Water Drain
- Automatic Air Release
- Differential Pressure Gauge
- Pressure Relief Valve
- Slug Valve
- Dual Units
- Multiple Port Valves
- Heaters

## GFS-251 Series Sizing & Flow Chart

Model Number	Flow Rates (GPM)			Qty. Coalescer Elements	Qty. Separator Bags
	Diesel	Jet	Light Oils		
GFS-251-1	12.5	25	2.5	1	1
GFS-251-3	37.5	75	7.5	3	3
GFS-251-4	50	100	10	4	4
GFS-251-6	75	150	15	6	6

## GFS-242 Series Sizing & Flow Chart

Model Number	Flow Rates (GPM)			Qty. Coalescer Elements	Qty. Separator Bags
	Diesel	Jet	Light Oils		
GFS-242-4	100	200	20	4	4
GFS-242-7	175	350	35	7	7
GFS-242-11	275	550	55	11	11
GFS-242-19	475	950	95	19	19
GF-242-28	700	1400	140	28	28

