

# FAUDI Aviation VFC-1/254-10 and VFC-1/355-10 acc. to API/IP 1581 5<sup>th</sup>. Edition, Category C, type S

## Product Description

The FAUDI Aviation VFC-1 (Vertical Filter Coalescer) housings for 10" and 14" combined Coalescer/Separator elements are simple compact units, which can be easily installed and serviced. The VFC-1/254-10 assembly can flow 71 l/min. maximum. The VFC-1/355-10 can flow 110 l/min. maximum. **Approved acc. to API/IP 1581 5<sup>th</sup>. Edition, Category C, type S.**

## Installations

- Aircraft refuelling vehicles
- Hydrant dispensers
- Fixed fuelling installations, tank farms
- Other mobile fuelling equipment

## Applications

- Jet Fuel, AVGAS, Diesel



## Optional Accessories

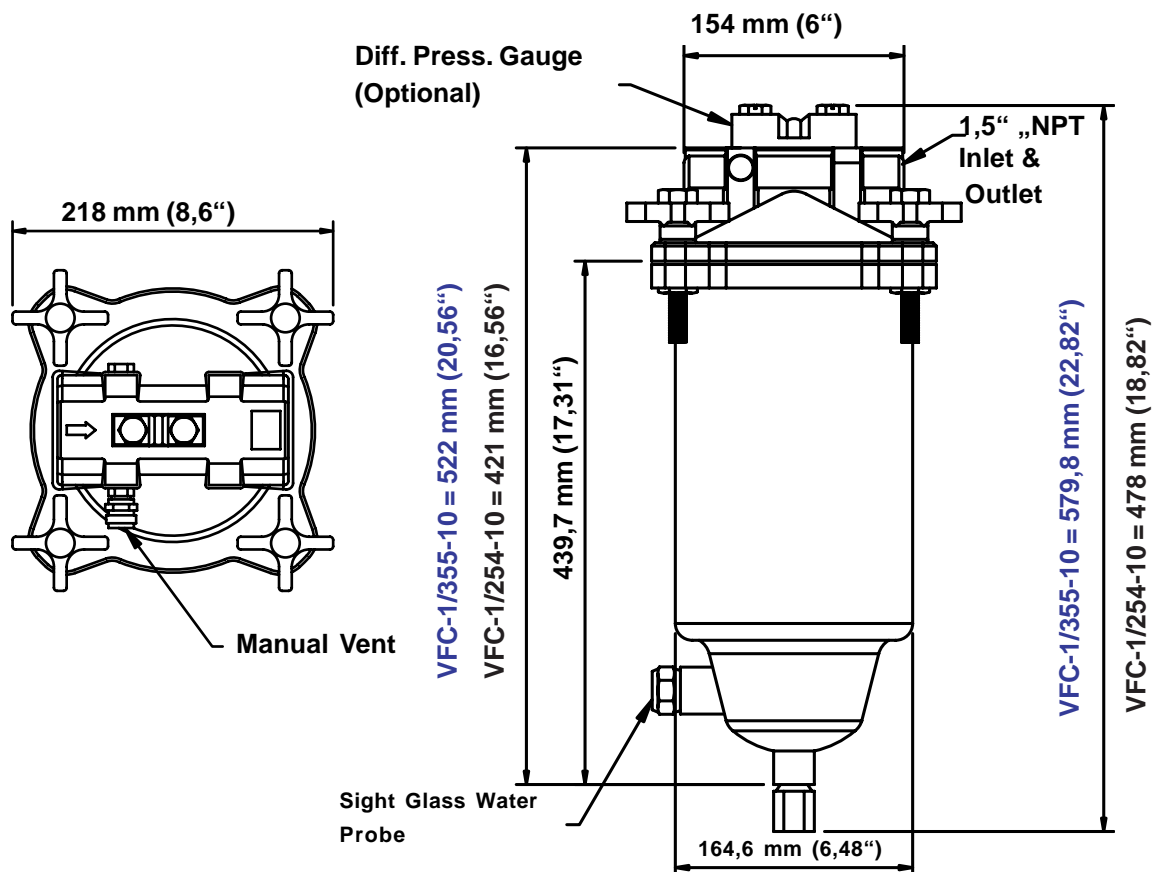
- Differential Pressure Gauge

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Filter/Water Separators

Description	Quantity	Material No.
VFC-1/254-10	1	3003985
VFC-1/355-10	1	3003986
Differential pressure gauge O-Ring seal 20,5x3 FKM	2	3003830
Differential pressure gauge O-Ring seal 9,52x1,78 FKM	2	3003831
Gasket Di 150x5 NBR	1	8869406
10" Element CS6-254-1	1	3003983
14" Element CS6-355-1	1	3003984

## Standard Design Features

- Die-cast Aluminum Head
- Steel filter bowl housing
- Powder coated Components
- 10 bar @ +50°C Maximum Design Pressure
- 1 ½" NPT Inlet and Outlet
- „Locking Ring Collar“ – no clamps
- Manual Drain valve
- Manual Vent valve, Sight glass

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aviation  
quality guarantees safety

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		Maximum Flow Rates		Changeout differential pressure
VFC-1/254-10	Micron rating	Jet Fuel	Diesel	Delta P
CS6-254-1	1	71 l/min.	29 l/min.	1,1 bar
VFC-1/355-10	Micron rating	Jet Fuel	Diesel	Delta P
CS6-355-1	1	110 l/min.	45 l/min.	1,1 bar

## Technical details VFC-1/254-10

Design pressure: 10 bar  
 Design temperature: -10 to +50 C°  
 Flow rate: varies with fluid

## Technical details VFC-1/355-10

Design pressure: 10 bar  
 Design temperature: -10 to +50 C°  
 Flow rate: varies with fluid

## **Maintenance & Inspection Features**

- V-Band Clamps are not used. This allows one person to change the elements easily.
- A slotted „locking ring collar“ allows maintenance personnel to hand loosen the four collar bolts, rotate and lower the bowl assembly for element change outs.

## **Other possible Applications/Installations**

The FAUDI Aviation VFC-1 housing can also be used for:

- Diesel Fuel Dispensing Systems
- Fuel Systems on Large Diesel Engines
- Marine Fuel Docks