

# DF105

## Automatic Float Drain

**Materials**     **316L SS**  
**Pressure**     **500 psi**  
**Ports**         **1/8" to 1/2"**

The DF105 automatic drains are used to automatically remove liquids from a coalescing filter housing under positive pressure. The body and internals are constructed from 316L stainless steel.

The unique design uses a float and diaphragm system to drain the liquid. The housing has a male inlet port and this is connected directly to the drain port of the coalescing filter housing. Standard housings have NPT ports and include Viton seals. Other seal types are available as an option.

The housings are free from welds and comply with NACE MR-01-75 and conform to SEP of PED 97/23/EC.



### Technical Specifications

Housing Model	DF105.111	DF105.221	DF105.441
Port Size	1/8" NPT	1/4" NPT	1/2" NPT
Drain	1/8" NPT	1/4" NPT	1/2" NPT
Maximum Pressure, psi	500	500	500
Minimum Pressure, psi	10	10	10
Maximum Temperature, °F	210	210	210
<b>Materials of Construction (1)</b>			
Head, Bowl & Internals	316L SS	316L SS	316L SS
Seal (2)	Viton	Viton	Viton
<b>Principle Dimensions in inches</b>			
Diameter	1.90	1.90	1.90
Height	4.75	4.75	4.75
Volume, cc	48	48	48
Weight, lbs	2.20	2.20	2.20

#### Notes

(1) Material abbreviations, 316L SS = 316L Stainless Steel

(2) Add suffix for other seal types, Nitrile = N, EPDM = .E, (e.g. DF105.221.E)