

MODULINE™

Multiple Single Bag Housing Assembly

*Designed for continuous
flow applications
and lower capital cost*

- Quick and easy bag changeout
- Flexibility for adding capacity
- Smaller footprint verses duplexed multibag housings
- Capital cost savings of 30% to 40% or more
- Each housing serviced individually
- No need to shut down system—continuous operation

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The new MODULINE™ system provides a compact and efficient assembly of two or more single bag housing units. MODULINE can be equipped with the economical Flowline II™ housing for coarse particle filtration, the Sideline™ housing for a greater range of applications, or the most advanced Toplevel™ housings (shown above).

MODULINE is a space saving design that can be readily expanded with additional housing units and extra banks to provide the highest level of flexibility for your process requirements. The multi-vessel arrangement assures continuous flow rates. Each unit is individually valved and can be taken off-line in sequence for bag changeouts without having to take the complete bank of filters off line.

Capital Cost Savings

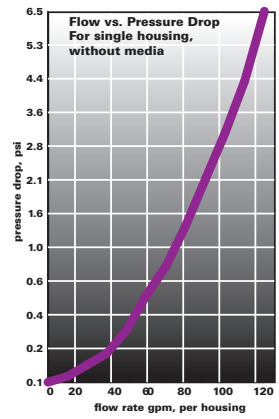
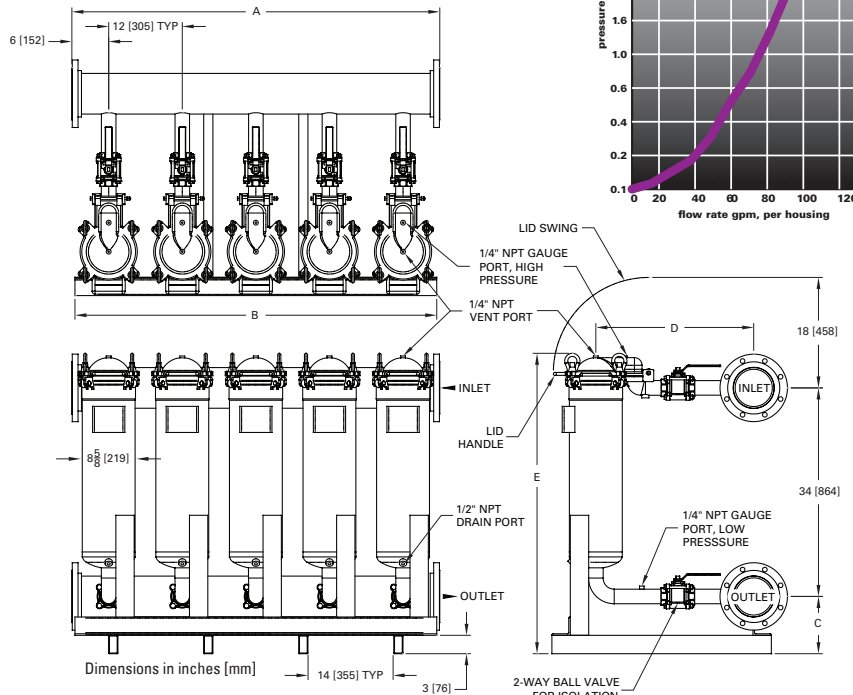
Example - A duplexed four bag MBF in 316SS would cost between \$31K and \$35K, depending on the type of valves. A five station MODULINE would cost between \$21K and \$25K, a savings of up to 40%.

Specifications

- Two to eight housing units in each MODULENE assembly allows sequential bag changeout without system interruption
- Type 316 stainless steel construction for superior corrosion resistance (carbon steel and Type 304SS construction are options. Consult factory for correct model and availability)
- Smooth bead blasted finish for easy cleaning
- Sized for #2 double-length bags (#1 size vessel assembly is optional)
- Unique two-weld design
- Cover positively seals filter bag (Topline, Sideline)
- Buna N™ seals standard (Topline)
- Stainless steel basket
- Domed cover with swing bolts (Topline)
- Integrated ergonomic cover handle with swing bolts (Flowline II, Sideline)
- ASME code stamp (Topline, Sideline)
- Optional gauges, vents and pressurize air port with 1/4" NPT threaded cover taps
- Easy-action 1/4-turn ball valves for precision flow control

Dimensions for MODULENE using Topline Vessels.

Details on MODULENE assemblies using Sideline and Flowline II vessels available on request.



MODULENE Systems with Topline housings

Item Number	No. of Bags	Bag Size	gpm @ 2.1 psid	Volume (gal.)	Weight (lbs.)	Max pressure (psid*)	Max temp (°F)	I/O connection	Dimensions				
									A	B	C	D	E
F3AVTB0402	2	2	140	16.5	320	150	400	3"	24"	23"	7-3/4"	24-3/16"	47-1/2"
F3AVTB0403	3	2	210	25.7	490	150	400	4"	36"	35"	8-1/4"	24-11/16"	48"
F3AVTB0404	4	2	280	35	630	150	400	4"	48"	47"	8-1/4"	24-11/16"	48"
F3AVTB0405	5	2	350	54.2	800	150	400	6"	60"	59"	9-15/16"	25-3/4"	49-1/16"
F3AVTB0406	6	2	420	65.5	950	150	400	6"	72"	71"	9-15/16"	25-3/4"	49-1/16"
F3AVTB0407	7	2	490	76.7	1100	150	400	6"	84"	83"	9-15/16"	25-3/4"	49-1/16"
F3AVTB0408	8	2	560	86	1250	150	400	6"	96"	95"	9-15/16"	25-3/4"	49-1/16"

*psid values are without filter media.

Dimensions vary by model

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