

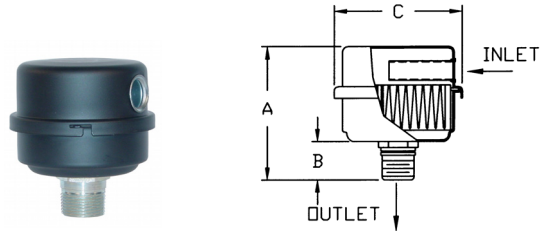


# Fine Filtration Hydraulic Breathers

For Heavy & Severe Duty Systems

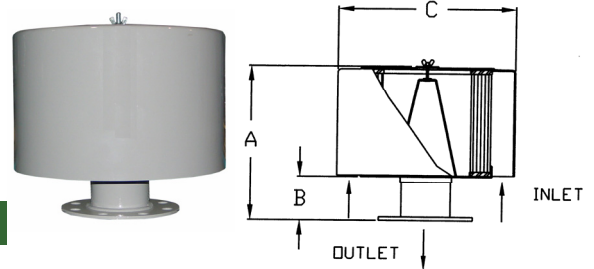
## SMALL COMPACT BREATHERS: "FS" Series: 1/4" - 1" MPT

- Strong carbon steel construction offers strength while plastic models easily snaps off
- Simple threaded connection saves on labor costs involved with special tapping into reservoir
- Twist turret top design allows for speedy element change out
- Various connection sizes and media to choose from
- Durable polyester media element provides maximum efficiency and surface area



## COMPACT BREATHERS: "F" Series: 2" MPT - 12" FLG

- Durable heavy gauge base with low pressure drop yoke and pipe design
- Low entry velocity air gap between base and cover
- Polyurethane Prefilters increase dust holding capacity 40 - 50%
- Maximum effective surface area for optimal filter life
- High efficiency polyester filter media: 99+% at 5 micron
- All "F" Series Models Available in **Stainless Steel**



Dimension tolerance  $\pm 1/4"$

## APPLICATIONS & EQUIPMENT

- Plastic Injection Machinery
- Hydraulic Power Units
- Oil Reservoirs
- Paper & Pulp
- Industrial & Mobile Hydraulics
- Petrochemical
- Dock controls

**I = Industrial Duty S = Severe Duty**

	"FS" Series Models	MPT Outlet	DIMENSIONS - inches			Maximum Constant Flow GPM			Approx Wt. lbs
			A	B	C	Reciprocating Piston	Constant Flow	Element Rating	
I	FS-05-025	1/4"	2 3/4	5/8	2 1/2	30	30	60	0.25
I	FS-05-038	3/8"	2 3/4	5/8	2 1/2	45	60	60	0.25
S	FS-05-050	1/2"	3	7/8	2 1/2	45	60	60	0.25
I	FS-07-038	3/8"	3 9/16	5/8	3 1/4	60	60	90	0.5
I	FS-07-050	1/2"	3 13/16	7/8	3 1/4	75	90	90	0.5
S	FS-07-075	3/4"	4 3/16	1 1/4	3 1/4	90	90	90	0.5
I	FS-11-050	1/2"	4 1/8	7/8	4 1/8	90	90	263	1
I	FS-11-075	3/4"	4 1/2	1 1/4	4 1/8	150	188	263	1
I	FS-11-100	1"	4 1/2	1 1/4	4 1/8	188	263	263	1
<b>"F" Series Models</b>									
I	F-31P-200	2"	7 1/4	2 1/4	7 3/4	638	1013	1463	4.7
S	F-231P-200	2"	12 1/4	2 1/4	10	1013	1013	2250	12
I	F-31P-250	2 1/2"	7 1/2	2 1/2	7 3/4	750	1463	1463	5.5
I	F-231P-300	3"	13	3	10	2250	2250	2250	14
I	F-35P-400	4"	9	4	10	1500	1725	2063	10
S	F-235P-400	4"	14	4	10	2250	3900	4275	15
S	F-235P-400F	4" Flg	14	4	10	2250	3900	4275	20
S	F-275P-500F	5" Flg	14	4	16	4875	6000	8250	32
I	F-275P-600F	6" Flg	15	5	16	4875	8250	8250	34
I	F-377P-800F	8" Flg	23	6	22 1/2	10800	13500	13688	68
I	F-385P-1000F	10" Flg	23	6	28 1/2	13500	24750	24750	130
S	F-485P-1200F	12" Flg	31	6	28 1/2	19500	35250	35288	155

Note: Model offerings and design parameters may change without notice.

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