SINGLE BAG GENERAL PURPOSE BAG FILTER HOUSINGS

SIZE 801 - 80 GPM SIZE 802 - 180 GPM

- 3/4" through 4" pipe sizes
- NPT or flanged fittings
- Unique cover closure
- Light weight cover with handle
- Positively sealed, safe cover
- Maximum temp. 250° F
- Maximum pressure 125 psi
- △P ports optional

- Adjustable tripod legs optional
- Cleanable strainer basket option
- 8" diameter housings
- 14" or 28" basket lengths
- 3 outlet styles
- Stainless steel filter bag baskets
- Sanitary fitting available





GENERAL INFORMATION

Economical GP series housings in carbon steel, 304 or 316 stainless steel for commercial, industrial and process applications.

Polypropylene speed bar knobs injection molded to grade 8 bolts, thread into stainless helicoils in the housing top collar to provide a unique cover closure. This closure mechanism is safer and much easier than band clamps.



The housings are manufactured with investment cast covers and collars. The cover is cast with a handle across the top in combination with a concave shape which acts as a liquid displacer.

FILTER BAGS

Filter bag sizes are industry standard size #1 (7.25 Dia. x 16-1/2" L.) and size #2 (7.25 Dia. x 32" L.), and are offered in polyester, polypropylene, and nylon materials in micron ratings of 1 to 1000. Filter bags are ordered separately.

HOUSING SIZE	FILTER BAG SIZE	DIA. IN.	LGTH. IN.	AREA ft²	MAXIMUM FLOW GPM
801	1	7.25	16-1/2	2.0	80
802	2	7.25	32	4.5	180

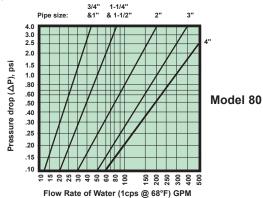
STRAINER BASKET OPTION

All housings are available with perforated or mesh lined cleanable strainer baskets in place of filter bag baskets.

The baskets are supplied with a handle across the top for easy installation and removal.

PRESSURE DROP DATA

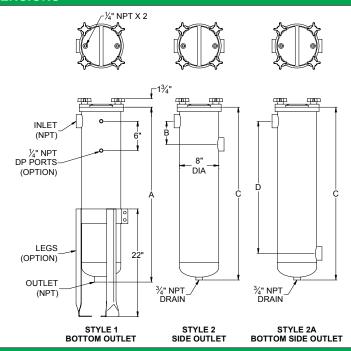
The graph below gives the clean pressure drop through the Model 80 housing with a filter bag basket installed without a filter bag.



To correct for viscosity's other than 1 cps, multiply the value obtained from the graph above by the proper correction factor from the chart below.

Viscosity, cps								
1	50	100	200	400	600	800	1000	2000
(H ₂ 0)								
1.0	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.8

DIMENSIONS



MODEL 80	PIPE SIZE IN. NPT	Α	В	С	D
	0.75	19.9	3.0	19.9	13.0
#1	1.00	20.3	3.0	20.2	13.0
SIZE	1.25	20.8	4.3	20.6	13.0
	1.50	21.1	4.3	20.8	13.0
	2.00	21.7	4.8	21.3	13.0
	2.50	22.4	5.8	21.9	13.0
	3.00	23.1	6.3	22.5	13.0
	4.00	24.1	7.3	23.5	13.0

MODEL 80	PIPE SIZE IN. NPT	Α	В	С	D
	0.75	33.9	3.0	33.9	27.0
#2	1.00	34.3	3.0	34.2	27.0
SIZE	1.25	34.8	4.3	34.6	27.0
	1.50	35.1	4.3	34.8	27.0
	2.00	35.7	4.8	35.3	27.0
	2.50	36.4	5.8	35.9	27.0
	3.00	37.1	6.3	36.5	27.0
	4.00	38.1	7.3	37.5	27.0

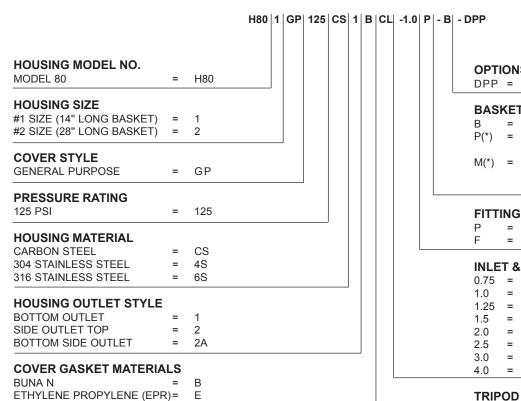
NOTES:

- NPT fittings shown flanges available
- Engineering drawings available

HOW TO ORDER

VITON

TEFLON



V

Т

OPTIONS

DPP = △P PORTS

BASKET TYPE & SIZE

PERFORATED BAG - 9/64 DIA. PERFORATED STRAINER P1/16, P3/32, P9/64, P1/4 MESH LINED STRAINER M(*) =M20, M30, M40, M50, M60 M70, M100, M150, M200

FITTING TYPE

= FEMALE NPT

150 PSI ANSI FLANGES

INLET & OUTLET SIZE

3/4" = 1" = 1-1/4" 1-1/2" 2" = = 2-1/2" 3" 4" =

TRIPOD LEG ASSEMBLY

CL **CARBON STEEL LEGS** STAINLESS STEEL LEGS SL

NLNO LEGS