



FILTRATION SPECIFICATIONS

Filter: Model 82 Filter Housing

DUAL CAPACITY BAG FILTER & BASKET STRAINER

Extra Capacity at High Flow Rates

Rosedale dual capacity housings can serve as either basket strainers or bag filters. Covers are easily removed without tools, and the basket or bag is quickly and easily cleaned or replaced. The Model 82 accepts trade size 2 filter bags and pleated cartridges, which will provide even greater dirt-holding capacity.

FEATURES

- Low pressure drop
- Permanently-piped housings
- Covers are O-ring sealed
- Carbon steel or stainless steel (304 or 316) housings
- Housings are electropolished to resist adhesion of dirt or scale
- Adjustable-height legs
- For flow rates to 440 GPM
- ASME code stamp available
- Large-area, heavy-duty baskets

OPTIONS

- Higher pressure ratings
- Extra-length legs
- Heat jacketing
- Liquid displacers for easier servicing
- Dual stage straining / filtering



BASKET DATA
(EACH BASKET, TWO BASKETS TOTAL)

| DEPTH (INCHES, NOMINAL) | DIAMETER (INCHES) | SURFACE AREA (SQ. FT.) | BAG SIZE NO. |
|-------------------------------|----------------------|------------------------------|-----------------|
| 30 | 6.7 | 4.4 | 2 |

CORRECTION FACTORS

VISCOSITY - CPS

| 1 (H ₂ O) | 50 | 100 | 200 | 400 | 600 | 800 | 1000 | 2000 |
|----------------------|-----|------|------|------|------|------|------|------|
| .65 | .85 | 1.00 | 1.10 | 1.20 | 1.40 | 1.50 | 1.60 | 1.80 |



Model 82 Housing Code - How to Order

CONFIGURE YOUR PART NUMBER (EXAMPLE: 82-30-4F-1-150-C-B-S-BM200-D-C)

A

MODEL
NUMBER

B

BASKET
SIZE

C

PIPE
SIZE

D

OUTLET
STYLE

E

PRESSURE
RATING

F

HOUSING
MATERIAL

G

COVER
SEAL

H

BASKET
SEAL

I

BASKET
TYPE

J

BASKET,
MEDIA SIZE

K

DISPLACER

L

ASME
CODE

| A | MODEL NUMBER | CODE |
|---|--------------|------|
| | MODEL 82 | 82 |

| B | BASKET SIZE | CODE |
|---|-------------|------|
| | 30 INCH | 30 |

| C | PIPE SIZE ¹ | CODE |
|--|-----------------------------------|------|
| | 2" CLASS 150 OR 300 RFSSO FLANGE* | 2F |
| | 3" CLASS 150 OR 300 RFSSO FLANGE* | 3F |
| | 4" CLASS 150 OR 300 RFSSO FLANGE* | 4F |
| | 6" CLASS 150 OR 300 RFSSO FLANGE* | 6F |
| *DEPENDENT ON REQUIRED PRESSURE RATING | | |

| D | OUTLET STYLE | CODE |
|---|--------------|------|
| | SIDE | 1 |

| E | PRESSURE RATING ² | CODE |
|---|------------------------------|------|
| | 150 PSI (FLANGED) | 150 |
| | 300 PSI (FLANGED) | 300 |

| F | HOUSING MATERIAL | CODE |
|---|---------------------|------|
| | CARBON STEEL | C |
| | 304 STAINLESS STEEL | S |
| | 316 STAINLESS STEEL | S316 |

| G | COVER SEAL | CODE |
|---|--------------------|------|
| | BUNA N | B |
| | ETHYLENE PROPYLENE | E |
| | FLUOROELASTOMER | V |
| | FKM/FEP | TEV |
| | PTFE | TSW |

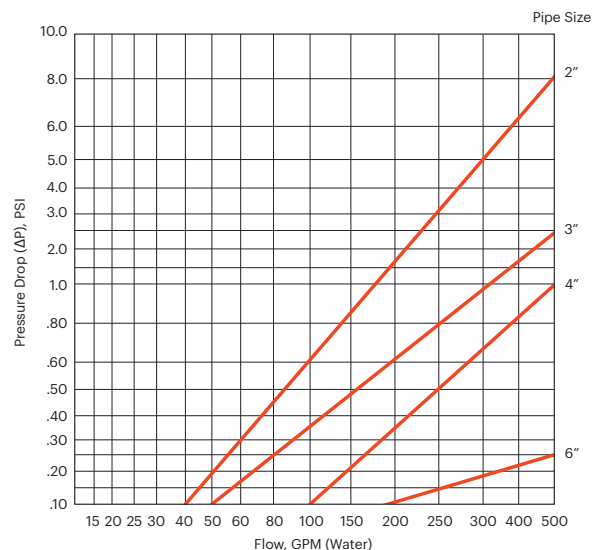
| H | BASKET SEAL | CODE |
|---|-----------------|------|
| | SEAL (REQUIRED) | S |

| I | BASKET TYPE | CODE |
|---|--|------|
| | FILTER BAG BASKET ³ | PB |
| | STRAINER BASKET | P |
| | FILTER BAG BASKET, MESH LINED ³ | BM |
| | STRAINER BASKET, MESH LINED | M |
| | FILTER BAG BASKET, HEAVY WIRE MESH | HWM |
| | FSI/POLYLOC | POLY |

| J | BASKET, MEDIA SIZE (NO SYMBOL IF PB WAS SELECTED) | CODE |
|---|--|---------|
| | STRAINER BASKET - P 1/4, 3/16, 9/64, 3/32, 1/16 | EX: 1/4 |
| | MESH LINED BASKET - M & BM 20, 40, 60, 80, 100, 200 | EX: 20 |

| K | DISPLACER | CODE |
|---|-----------|------|
| | DISPLACER | D |

| L | ASME CODE STAMP | CODE |
|---|-----------------|------|
| | CODE | C |



1. Flanges provided with the housing match the pressure rating of the vessel. Housings rated 150 PSI have 150 class flanges. Housings rated 300 PSI have 300 class flanges.

2. Higher pressures are available. Consult factory.

3. Filter bags are specified and sold separately.

*Based on housing only. Fluid viscosity, filter bag used, and expected dirt loading should be considered when sizing a filter.

Consult factory for certified vessel drawings.