

Strainer

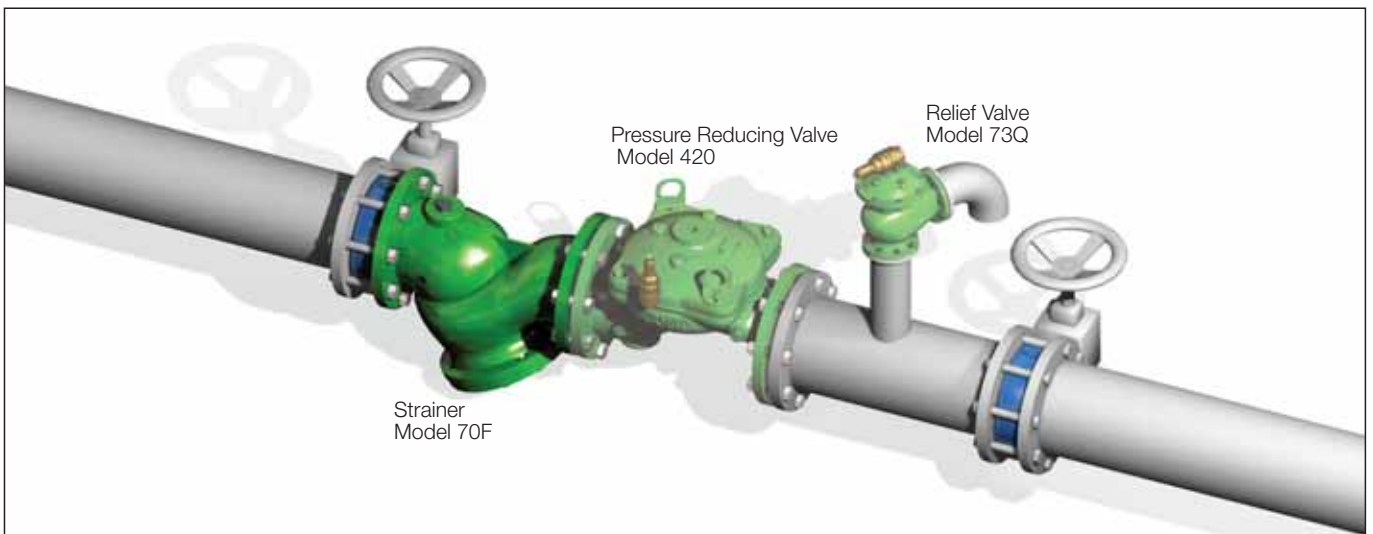
Model 70F

The BERMAD 70F Strainer is designed to remove foreign matter such as stones, sticks etc. from the pipeline. It is recommended to install the Strainer upstream from control valves, flow meters and other system appliances. High Pressure Strainer Model 80F is also available.

- Large trap capacity
- Low pressure loss
- Blow-off port for easy cleaning

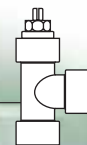


Typical application



Maintenance Tips

- It is recommended to install a full-bore Ball Valve at the Strainer blow-off port for easy cleaning.
- Should disassembly for maintenance be required; leave the lower cover-screw half-open. This way it can serve as an axis for pivoting the Strainer cover, easing maintenance.



Technical Data

Dimensions and Weights

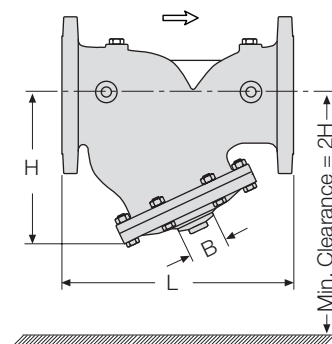
Size	L	L1	H	W	W1	B
mm inch	mm inch	mm inch	mm inch	kg lbs	kg lbs	mm
40 1 1/2"	205 8.1	205 8.1	125 4.9	6.5 14.3	7.8 17.2	3/4"
50 2"	210 8.3	210 8.3	125 4.9	8.0 17.6	10 22.0	3/4"
65 2 1/2"	222 8.7	222 8.7	125 4.9	10.4 22.9	12.8 28.2	3/4"
80 3"	250 9.8	264 10.4	170 6.7	17 37.5	20 44	1 1/2"
100 4"	320 12.6	335 13.2	210 8.3	28 61.7	34 75	1 1/2"
150 6"	415 16.3	433 17.0	270 10.6	48 106	58 128	1 1/2"
200 8"	500 19.7	524 20.6	330 13.0	75 165	95 210	2"
250 10"	605 23.8	637 25.1	420 16.5	125 276	153 337	2"
300 12"	725 28.5	762 30.0	480 18.9	225 496	266 586	2"
350 14"	733 28.9	767 30.2	480 18.9	235 518	288 635	2"
400 16"	990 39.0	1024 40.3	620 24.4	535 1180	590 1300	3"
450 18"	1000 39.4	1030 40.5	620 24.4	670 1477	735 1620	3"
500 20"	1100 43.3	1136 44.7	620 24.4	760 1675	835 1840	3"

L, W – ISO 10 & 16; ANSI 150

L1, W1 – ISO 25; ANSI 300

"L", ISO standard lengths available

B – Blow-off port



Basket Hole Diameter (mm)

Stainless Steel 304 (Standard)

2"	3-4"	6-20"
1.5	3.0	5.0

Stainless Steel 316 (Optional)

2-6"	8-20"
2.0	3.0

Specifications

Patterns: "Y" (globe) & angle

Size Range: 1 1/2" - 20" (40-500 mm)

End Connections (Pressure Ratings):

Flanged: ISO PN16, PN25

(ANSI Class 150, 300)

Threaded: BSP or NPT

Others: Available on request

Working Temperature: Water up to 80°C (180°F)

Standard Materials:

Body: Ductile Iron

Cover: Steel

Screen / Basket: Stainless Steel 304

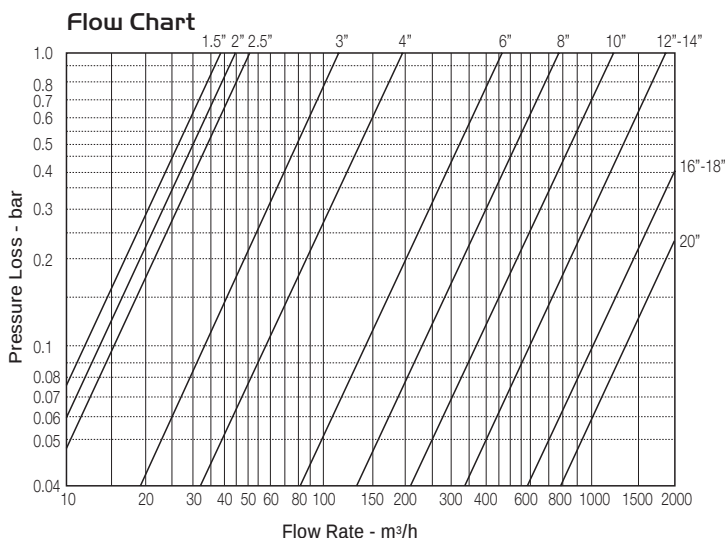
Seals: NBR

Coating:

Fusion Bonded Epoxy, RAL 5005 (Blue)

NSF & WRAS approved or Electrostatic Polyester

Powder, RAL 6017 (Green)



How to Order

Sector	Size	Primary Feature	Pattern	Body Material	End Connections	Coating	Additional Attributes
WW	6"	70F*	Y	C	16	EB	mN
Waterworks	1 1/2" - 20"	Strainer	Oblique (up to 20") Angle (up to 18")	Ductile Iron Standard Cast Steel St. Steel 316	ISO-16 ISO-25 ANSI-150 ANSI-300 JIS-16 JIS-20	Polyester Green Polyester Blue Epoxy FB Blue Uncoated	St. Steel 316 bolts & nuts St. Steel 316 screen
			Y A	C S N	16 25 A5 A3 J6 J2	PG PB EB UC	m N

* For PN 40 Strainer, order Model 80F



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