

STRAINER (STONE AND GRAVEL TRAP)

Model 80F

The BERMAD 80F Strainer is engineered to effectively remove foreign matter such as stones, sticks, and other debris from the pipeline.

It is recommended to install the strainer upstream of control valves, flow meters, and other system appliances to ensure optimal performance and protection.

Features

- Large trap capacity
- Low pressure loss
- Blow-off port for easy cleaning
- In-line serviceable
- Certified for potable water



Technical Data

Main Valve:

Valve Patterns: "Y" (Globe)

Size Range: 1½"-10"; DN40-250

Pressure Rating: 600 psi

End Connections: Flanged, Grooved

Temperature Rating: 140°F

Standard materials:

Body: Ductile Iron

Cover: Carbon Steel

Bolts & Nuts: Stainless Steel

Screen / Basket: Stainless Steel 304

Seals: Synthetic rubber

Coating: Dark blue Fusion bonded epoxy

Optional materials:

Body: Stainless Steel 316

Cover: Stainless Steel 316

Screen / Basket: Stainless Steel 316

Technical Specifications

Dimensions and Weights (80F-EN)

Size		L	H	W	B (Standard)	B (Optional)	Basket Hole Diameter
Inch	DN	Inch	Inch	lbs	Inch	Inch	mm
1½"	40	9.1	4.7	22	G ¾"	NPT ¾"	0.078
2"	50	9.1	5.0	26			
2½"	65	11.4	6.7	39		-	
3"	80	12.2	7.6	51	G 1½"		0.12
4"	100	13.8	9.6	84		NPT 1½"	
6"	150	18.9	10.6	152	G 2"		0.19
8"	200	23.6	14.4	235			
10"	250	28.7	17.7	361		-	

Flow Factor

Valve Size	Inch DN	1½"	2"	2½"	3"	4"	6"	8"	10"
Cv		66	72	113	150	231	624	1045	1709

