

Model 73 Straight flow



- Iron or bronze
- Sizes 10" to 18"
- Flanged

Features

- Quick open cover
- Straight through flow design
- Low pressure loss
- Convoluted basket design
- Hand removable basket
- Threaded drain
- Buna-N® O-ring seal
- Perforated or mesh 316 stainless steel basket
- Low profile
- American Bureau of Shipping (ABS) Type Approved for ship designers, builders and owners



Options

- Basket perforations from 1/32" to 1/2"
- Basket mesh of 20, 40 or 60
- MONEL® baskets
- Vent valves
- Drain valves
- Gauge/vent taps - 1/4" NPT
- Pressure differential gauge and switches

MONEL® is a registered trademark of Special Metals Corporation group of Companies.

The Best simplex strainer for high flow applications in large pipelines

The Eaton Model 73 simplex basket strainer with its straight flow design greatly reduces pressure loss and results in a compact strainer that can fit in tight spaces.

Special basket strainer

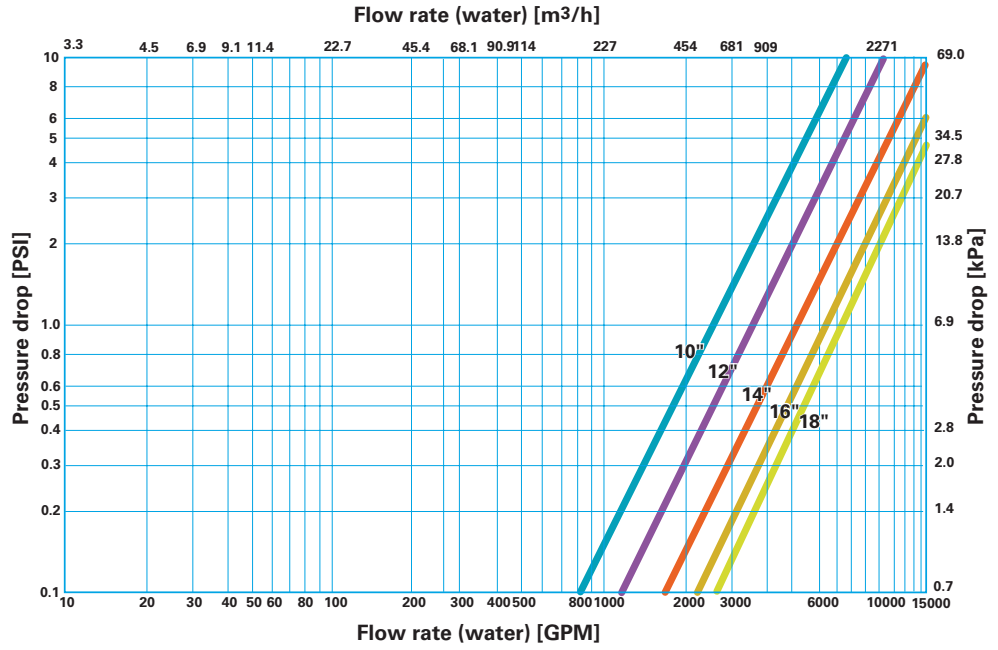
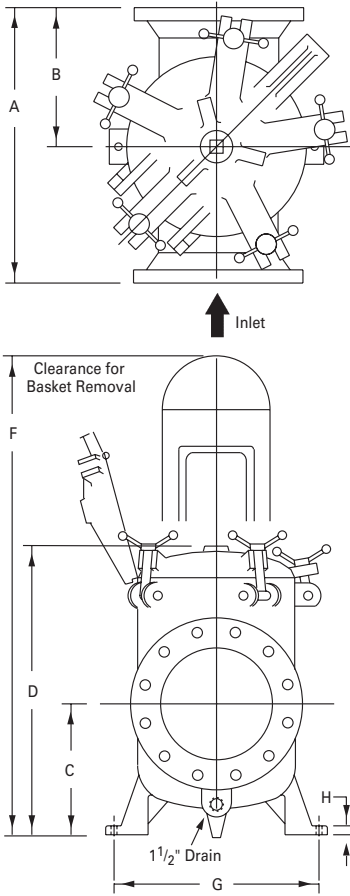
Large size pipelines with high flow rates require a specific type of basket strainer. The convoluted (pleated) perforated or mesh screens in the basket increases the amount of straining area available while reducing the basket size and weight. This makes it easy to remove the basket from the strainer housing. No lifting tackle required. The quick opening

cover provides fast and easy access to the basket for quick service. This can save considerable time and money in labor.

When selecting a pipeline strainer for a large size piping system with high flow rates, be sure to consider all the factors, not just initial pressure loss. The amount of straining area in the basket is critical to reducing the amount of time between cleanings or changeouts.



Model 73 Straight Flow Strainer



Selection chart

Size	Material	End connection	Seals	Pressure rating
10" to 12"	Iron	Flanged 125#	Buna-N	13.8 bar @ 38 °C
10" to 12"	Bronze	Flanged 150#	Buna-N	13.8 bar @ 38 °C
14" to 18"	Iron	Flanged 125#	Buna-N	10.3 bar @ 38 °C
14" to 18"	Bronze	Flanged 150#	Buna-N	0.3 bar @ 38 °C

C_v factors*

Size	Value
10"	2300
12"	3200
14"	5000
16"	6000
18"	7000

* For water with clean, perforated basket

Dimensions (in/mm) Model 73 straight flow

Pipe size	A	B	C	D	F	G	H	Net Wt (kg)	
								Iron	Bronze
10	23.00 / 584	11.00 / 279	12.19 / 310	29.00 / 737	47.00 / 1194	19.00 / 483	15/16 / 24	191	227
12	27.00 / 686	13.00 / 330	16.75 / 425	38.00 / 965	67.00 / 1702	23.00 / 584	1 / 25	250	374
14	31.00 / 787	15.50 / 394	18.75 / 476	45.00 / 1143	77.00 / 1956	27.00 / 686	1 / 25	386	522
16	31.00 / 787	15.50 / 394	18.75 / 476	45.00 / 1143	77.00 / 1956	27.00 / 686	1 / 25	443	635
18	31.00 / 787	15.50 / 394	18.75 / 476	45.00 / 1143	77.00 / 1956	27.00 / 686	1 / 25	454	—

Dimensions and weights are for reference only. Contact Eaton for certified drawings.

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