

MODEL 72 STRAIGHT FLOW BASKET STRAINER

Iron or Bronze • Sizes 10" to 18" • Flanged

Quick-Opening Cover



Features

- Quick open cover
- Straight through flow design
- Low pressure loss
- Convoluted basket design
- Hand removable basket
- Threaded Drain
- Buna-N O-ring seal
- Standard perforated stainless steel basket

Options

- Basket perforations from 1/32" to 1/2"
- Basket mesh of 20 or 40
- Monel baskets
- Vent valves
- Drain valves
- 1/4" NPT taps
- Pressure differential gauge and switches

Large size pipelines with high flow rates require a unique type of basket strainer. The typical design for smaller size pipelines just won't perform efficiently...the pressure loss would be too high and the baskets too large to remove and clean easily.

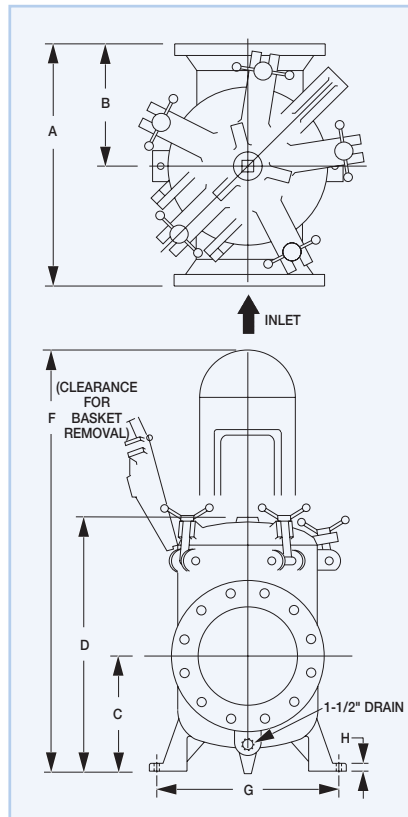
These problems have been solved by the Eaton Straight Through Flow design simplex basket strainer. With this straight through flow, pressure loss is greatly reduced and, at the same time, results in a compact strainer that can fit in tight spaces.

The basket that this strainer uses is special as well. The perforated or mesh straining screen in the basket is convoluted (pleated). This increases the amount of straining area available while at

the same time reducing the overall basket size and weight.

This makes it easy to remove the basket from the strainer housing. No lifting tackle is required. And the quick opening cover provides fast and easy access to the basket. What all this means is that the basket of the Model 72 is quick and easy to service... saving considerable time and money over the years.

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 change out. Also remember that if cleaning the basket is difficult, or requires two people to perform, operating costs will continue to be too high. The design of the Eaton Model 72 Straight Through Simplex Basket Strainer takes all these operating parameters into consideration and is the best simplex strainer for higher flow applications in large pipelines.



Selection Chart

Size	Material	End Connections *	Seals	Pressure Rating
10" to 12"	Iron	Flanged 125#	Buna N	200 psi @ 100F
	Bronze	Flanged 150#		
14" to 18"	Iron	Flanged 125#		150 psi @ 100F
	Bronze	Flanged 150#		

* DIN flanges and BSP threads available

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 72 Straight Flow

Pipe Size	A	B	C	D	F	G	H	Net Wt. (lb / kg)	
								Iron	Bronze
10	23.00 / 584	11.00 / 279	12.19 / 310	29.00 / 737	47.00 / 1194	19.00 / 483	15/16	420 / 191	500 / 227
12	27.00 / 686	13.00 / 330	16.75 / 425	38.00 / 965	67.00 / 1702	23.00 / 584	1	550 / 250	825 / 374
14	31.00 / 787	15.50 / 394	18.75 / 476	45.00 / 1143	77.00 / 1956	27.00 / 686	1	850 / 386	1150 / 522
16	31.00 / 787	15.50 / 394	18.75 / 476	45.00 / 1143	77.00 / 1956	27.00 / 686	1	975 / 443	1400 / 635
18	31.00 / 787	15.50 / 394	18.75 / 476	45.00 / 1143	77.00 / 1956	27.00 / 686	1	1000 / 454	—

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