

Simplex Basket Strainer

Model 72X



- Cast construction in Ductile Iron or Stainless Steel
- Conforming to the PED, CE-marked
- Sizes 1" to 6"

FEATURES

- Flanged or threaded DIN and ANSI end connections
- Ductile Iron models designed to 10 bar, 120°C
- Stainless steel models designed to 16 bar, 120°C
- Bolted Cover
- Machined basket seat with o-ring seal
- Large capacity 316 stainless steel baskets, perforated or mesh
- Bottom drain port
- Mounting feet for stable installation for flanged units 2" and larger

OPTIONS

- Basket perforations from $\frac{1}{32}$ " to $\frac{1}{2}$ "
- Basket mesh from 20 to 400
- NBR, EPDM, FPM or FEP encapsulated FPM O-rings
- Gauge/vent taps - $\frac{1}{4}$ " BSP
- Vent valves
- Pressure differential gauge and switch
- Magnetic basket inserts

Specifically designed for conformance in the European market, the model 72X Simplex cast manual strainer complements Eaton's range of manual pipeline strainers.

The model 72X is CE-marked to Pressure Equipment Directive (PED) and is compliant with the EN13445 and AD 2000 pressure vessel codes.

Also the model 72X pipeline strainers provide bypass-free filtration to protect process equipment in most demanding applications, including chemical, petrochemical and water pipelines that can be

temporarily shut down for strainer basket cleaning or changeout.

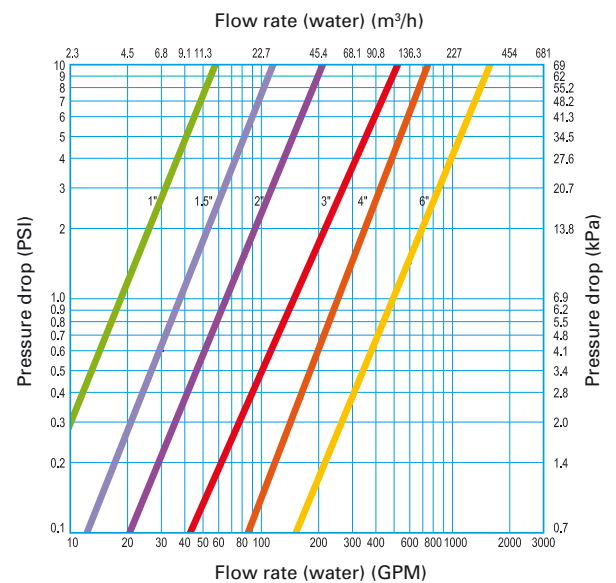
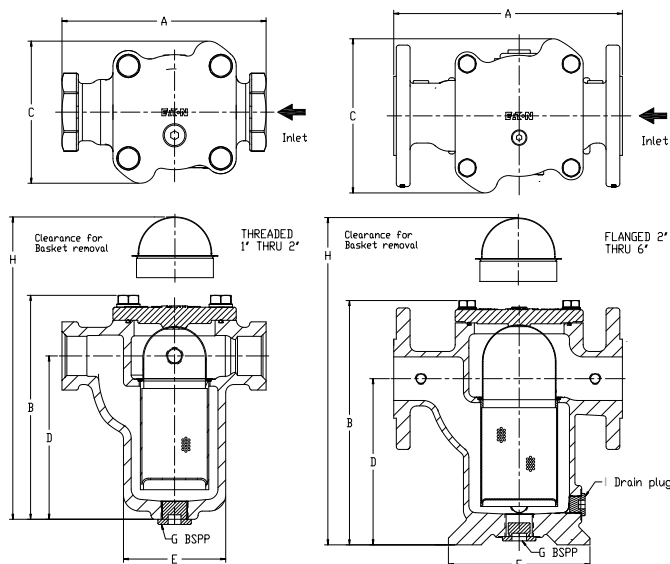
The new Simplex 72X strainer range features the same connection dimensions as Eaton's legacy 72 models, enabling simple upgrades and open up the use in new applications requiring CE-stamped strainers.

For ease of use, the new Simplex 72X models use the same strainer basket range in various retention ratings but features improved sealing with an additional O-ring underneath the basket.



Powering Business Worldwide

Model 72X Simplex Basket Strainer



Threaded Model 72X dimensions (in/mm)

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

Ductile Iron models only. Additional connections G 1/4 inch for differential pressure measurement available on the housing.

Size	A	B	C	D	E	F	G	H	I	Net weight (kg)
1	6,26 / 159	7,09 / 180	4,33 / 110	5,16 / 131	3,15 / 80	—	½	12,01 / 305	-	5
1 ½	8,15 / 207	9,17 / 233	5,12 / 130	6,92 / 176	4,17 / 106	—	¾	16,00 / 406	-	8
2	10,47 / 266	11,18 / 284	7,09 / 180	7,64 / 194	5,12 / 130	6,50 / 165	1 ½*	18,90 / 480	½	13

Hole size for the integrated feet in (in/mm)

2"	5,5 / 140 x 2,75 / 70
3"	7,0 / 178 x 3,13 / 79
4"	10,0 / 254 x 3,88 / 99
6"	10,0 / 254 x 5,0 / 127

Flanged Model 72X dimensions (in/mm)

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

For Ductile Iron and Stainless Steel models. Additional connections G 1/4 inch for differential pressure measurement available on the housing.

Nennweite	A	B	C	D	E	F	G	H	I	Net weight (kg)
1 / DN 25	7,63 / 194	8,38 / 180	4,00 / 110	5,00 / 131	5,00 / 80	—	½	13,00 / 305	-	7
1½ / DN 40	10,25 / 260	11,00 / 233	4,88 / 130	7,00 / 176	5,00 / 106	—	¾	16,00 / 406	-	11
2 / DN 50	10,50 / 266	11,18 / 284	6,75 / 180	7,63 / 194	5,13 / 130	6,25 / 165	1 ½*	20,00 / 480	½	16
3 / DN 80	13,15 / 334	16,14 / 410	8,43 / 214	12,24 / 311	6,50 / 165	8,70 / 221	1 ½*	27,00 / 686	½	33
4 / DN 100	17,36 / 441	16,14 / 410	11,89 / 302	10,71 / 272	9,65 / 245	11,40 / 289	1 ½*	26,73 / 679	½	59
6 / DN 150	19,76 / 502	24,65 / 626	11,89 / 302	18,31 / 465	9,96 / 253	11,40 / 289	2 *	50,00 / 1.270	½	94

*Size 2, 3 and 4 inch: Bottom connection 1 1/2 inch locked - not intended for any use

Size 6 inch: Bottom connection 2 inch locked - not intended for any use

Model 72X Cv factors**

Size	Value
1"	18
1 ½"	37
2"	66
3"	154
4"	244
6"	484

** For water with clean, perforated basket