

Model: 155M

Cast Iron Flanged End Basket Strainers, Clamped Cover Sizes: 2" - 16" (50 - 400mm)

Pressure/Temperature Non-Shock		
Model	Material	Rating
155M 2" - 12"	Cast iron	200psi @ -20 to 150°F 13.8 bar @ 65°C
155M 14" - 16"	Cast iron	150psi @ -20 to 150°F 10.3 bar @ 65°C

Max. temp. can be limited by O-ring material. Consult Factory.

155M

Class 125



Model 155M

Strainers provide economical protection for costly pumps, meters, valves, and other similar mechanical equipment by straining foreign matter from the connected piping system. Installation of a strainer before mechanical equipment can ensure trouble free service and avoid costly shutdowns for repair or replacement of equipment damaged by foreign matter. The size of the perforation or mesh in the basket screen will determine the smallest particles captured. See Strainer Information section in the Mueller Steam Specialty Engineering binder for detailed information including sizes and materials available.

Typical Service

- These are well-suited for high flow applications such as swimming pool installations.
- They are especially suited for medium or coarse straining. For finer straining, see Model 125.
- Model 155M is not recommended for steam service or at temperatures that will allow liquid to flash to steam if the clamp cover is opened. For steam service see Model 165 or other Mueller models with bolted cover.

Features

- The angular cutaway design of the baskets allows a straight through flow, resulting in extremely low pressure drop. See Technical Data section of Mueller Steam Specialty Engineering binder for Pressure Drop Charts.
- Tapped and plugged NPT drain on the strainer bottom at location D. See next page.

Construction

- Cover is secured with quick-opening knobs to minimize service time.

Capacity

- Large capacity basket to capture large amounts of debris and provide maximum time between cleaning.
- Open Area Ratio much greater than pipe size, ensuring low pressure drop.

Galvanizing

- Available on all sizes, consult factory.

Baskets

MODEL	SIZES	LIQUID	
		MATERIAL	OPENING
155M	2" - 4"	304SS	.062 perf
155M	5" and Up	304SS	.125 perf

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Materials

	126F-CS
Body	Cast Iron ASTM A126-B
Cover	A516-70 Plate
O-Ring	Buna-N

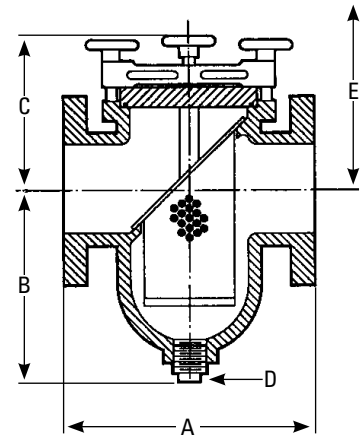
Pressure Drop

See Pressure Drop Charts in the Technical Data section of the Mueller Steam Specialty Engineering binder.

Dimensions and Weights

SIZE		DIMENSIONS								WEIGHT			
		A		B		C		D (NPT)		E SCREEN REMOVAL			
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.
2	50	8 ⁵ / ₁₆	219	5 ⁷ / ₈	149	5 ³ / ₄	146	1/2	15	10 ⁷ / ₈	276	35	15
2 1/2	65	7 ⁹ / ₁₆	189	5 ³ / ₈	137	5 ¹ / ₄	133	3/4	20	9	229	32	14.5
3	80	8 ³ / ₄	222	5 ¹ / ₄	133	6 ⁵ / ₈	168	3/4	20	11 ¹ / ₄	286	40	18
4	100	11 ³ / ₁₆	284	8	203	7 ⁷ / ₈	187	1	25	15 ¹ / ₂	394	70	31.8
5	125	12 ¹ / ₄	311	10 ¹ / ₄	260	6 ⁹ / ₁₆	167	1	25	14 ¹ / ₄	386	108	49
6	150	14	356	10 ³ / ₈	270	8 ⁷ / ₈	225	1 ¹ / ₄	32	18 ¹ / ₄	464	136	61
8	200	17 ¹ / ₈	435	15 ¹ / ₈	384	10	254	1 ¹ / ₂	40	23 ³ / ₈	594	218	99
10	250	22	559	16	406	12 ³ / ₈	321	1 ¹ / ₂	40	29	737	396	180
12	300	25 ¹ / ₄	645	23 ¹ / ₁₆	602	14	356	2	50	37 ¹ / ₂	953	720	327
14	350	29 ¹ / ₄	756	26 ³ / ₄	679	17 ¹ / ₂	445	2	50	42	1066	990	450
16	400	31 ⁷ / ₈	810	29 ¹ / ₂	749	19	483	2	50	50	1270	1040	472
20	500	36 ⁵ / ₈	930	39 ¹ / ₈	994	16	406	2	50	60	1524	2400	1088

Consult Factory for Larger sizes.



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