

Models: 125F-CI*, 125F-B

Cast Iron or Cast Bronze Flanged End Basket Type Strainers Sizes: 3/4" - 18" (10-450mm)

Pressure / Temperature – Non-Shock		
Model	Material	Rating
125F-CI 3/4"-12"	Cast Iron	200psi @ -20°F to 150°F 13.79 bar @ 65.56°C 190psi @ 200°F 13.10 bar @ 93.33°C
125F-CI 14"-18"	Cast Iron	150psi @ -20°F to 150°F 10.34 bar @ 65.56°C 125psi @ 250°F 8.62 bar @ 121.11°C
125F-B 3/4"-18"	Al-Brz	225psi @ -20°F to 150°F 15.51 bar @ 65.56°C 210psi @ 200°F 14.48 bar @ 93.33°C

All units with knob type closures rated 200psi maximum.

125F-CI Cast Iron **Class 125**

125F-B Al-Brz **Class 150**



Model 125F

*125F supersedes Model 195.
195 still available upon request.

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 strainers can be specified for cooling water, seawater, hot water systems and more.

Features

- Designed for large capacity straining and ease of maintenance.
- Cover is secured with quick-opening knobs to minimize service time.
- O-ring seals on both the cover and baskets can usually be reused after service, no need to clean gasket residue and replace costly gaskets.
- Machined basket seat eliminates particle bypass.

Construction

- Standard cover has O-ring seal and quick release knob fasteners up to 8" size, bolted cover for sizes 10" and up.
- Bolted cover available for all sizes, consult factory
- Swing clamp covers are available, consult factory
- Plugged NPT connection is provided at location D. See next page.

Capacity

- Minimum 6 to 1 ratio

Galvanizing

- Available on cast iron models. Other coatings are available on application.

Baskets

MODEL	SIZES	STANDARD (WATER)		STEAM RECOMENDATION	
		MATERIAL	OPENING	MATERIAL	OPENING
125F-CI, 125F-B	3/4" - 4"	304SS	.062 perf	304SS	.062 perf
125F-CI, 125F-B	5"-18"	304SS	.125 perf	304SS	.125 perf

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Material

	125F-CI	125F-B
Body	Cast Iron ASTM A126-B	Aluminum Bronze ASTM B148
Cover	Cast Iron ASTM A126-B	Aluminum Bronze ASTM B148
O-Ring	Buna-N	Buna-N

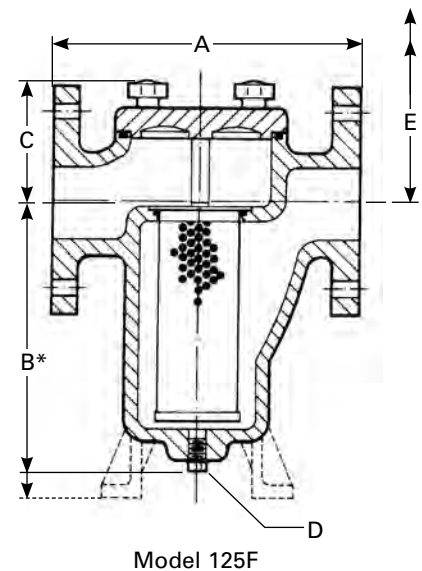
Pressure Drop

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

Dimensions and Weights

SIZE		DIMENSIONS								WEIGHT					
		A		B		C		D (NPT)		E Screen Removal		Cast Iron		Bronze	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.	lbs.	kgs.
¾	20	5⅞	145	4⅞	119	2¾	70	⅝	10	5⅞	150	9	4	11	5
1	25	5⅞	145	4⅞	119	2¾	70	⅝	10	5⅞	150	9	4	11	5
1¼	32	6⅝	176	6½	165	3	76	½	15	8⅞	206	15	6.8	18	8
1½	40	6⅝	176	6½	165	3	76	½	15	8⅞	206	15	6.8	18	8
2	50	9	229	7⅞	200	3⅝	92	¾	20	10⅞	257	26	11	31	14
2½	65	10⅞	264	8¾	222	4	102	1	25	11⅞	291	38	17	45	20
3	90	11¾	298	11⅝	289	4½	114	1	25	14⅜	376	62	28	72	32
4	100	15	381	15⅞	403	5¾	146	2	50	19⅞	505	118	53.6	147	66
5	125	18⅝	467	18⅝	467	7⅞	189	1½	40	25⅞	650	170	77	210	95
6	150	20¼	514	22⅜	568	8⅞	208	2	50	29⅞	740	266	120	315	143
8	200	27⅝	695	27¾	705	9⅞	233	2	50	29⅞	943	518	235	553	251
10	250	29½	749	35⅞	897	12⅞	316	2	50	50⅜	1291	1134	515	CF	CF
12	300	33¼	857	43⅞	1114	10¾	273	2	50	61¼	1556	1200	544	CF	CF
14	350	47⅞	1197	34⅝	873	20⅝	524	2	50	69	1753	1725	784	CF	CF
16	400	47⅞	1197	34⅝	873	20⅞	510	2	50	69	1753	2100	954	CF	CF
18	450	49½	1257	58	1381	16	406	2	50	82	2083	2850	1295	CF	CF

CF - Consult Factory. Apply for Certified Drawings.



Model 125F

* "B" dimension includes the floor supports on 4" size and larger

Mueller Steam Specialty product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Mueller Steam Specialty Technical Service. Mueller Steam Specialty reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Mueller Steam Specialty products previously or subsequently sold.



A Watts Water Technologies Company

ES-MS-125F_125FB 1453

USA: Tel: (800) 334-6259 • Fax: (800) 421-6772 • MuellerSteam.com
Latin America: Tel: (52) 81-1001-8600 • Fax: (52) 81-8000-7091 • MuellerSteam.com

© 2014 Mueller Steam Specialty