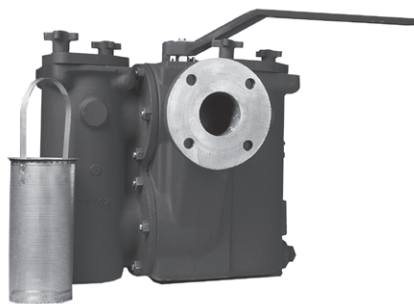


Models: 792FB, 794FB**Ball-Plex™ Cast Aluminum Bronze Flanged End Duplex Strainers**
Sizes: 1" - 6" (25 - 150mm)

Pressure / Temperature – Non-Shock		
Model	Material	Rating
792FB	Al-Brz	225psi @ -20°F to 150°F
		15.51 bar @ 65.56°C
		195psi @ 250°F
		13.44 bar @ 121.11°C
794FB	Al-Brz	500psi @ -20°F to 150°F
		34.47 bar @ 65.56°C
		425psi @ 250°F
		29.30 bar @ 121.11°C

Max. temp. can be limited by gasket and seat material. Consult factory.

792FB**Class 150****794FB****Class 300**

Models 792FB, 794FB

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 of the Mueller Steam Specialty Engineering binder for detailed information including sizes and materials available.

Typical Service

- Duplex Strainers are designed for use in fluid handling systems where the flow cannot be shutdown for basket cleaning.
- Typical services include cooling water, compressors, condensers, fire lines, fuel lines, lubrication systems, salt and fresh water systems, chemical process systems, pump suction service, and more.
- Consider strainer body and screen material as well as gasket and seat materials for suitability for particular service.

Features

- Ball-Plex™ Duplex Strainers use 3-way balls as the diverter valves
- Balls are 316SS for corrosion resistance, strength, and resistance to build-up of solids on the balls' surfaces.
- PTFE seats provide bubble-tight sealing, superior to metal seats in other designs. This eliminates potentially dangerous leakage into the chamber being cleaned.
- Two part body casting allows true and easy in-line service
- After removal of the cover and basket, all working parts are easily accessible even with the unit in line.
- The handle covers the pressurized chamber. This prevents accidental opening of the pressurized chamber, and allows easy access to the chamber to be cleaned.

Baskets

- Large Open Area Ratios ensure minimum pressure drop across the unit.
- See Technical Data Section of the Mueller Steam Specialty Engineering binder for Pressure Drop Charts.

MODEL	SIZES	STANDARD (WATER)	
		MATERIAL	OPENING
792FB, 794FB	1" - 4"	304SS	.062 perf
792FB, 794FB	5" - 6"	304SS	.125 perf

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Material

	792FB, 794FB
Body	Aluminum Bronze ASTM B148
Cover	Aluminum Bronze ASTM B148
Seats	PTFE
O-Rings	Buna-N

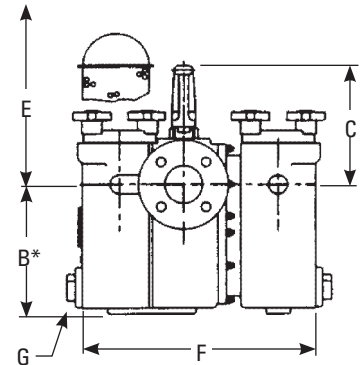
Dimensions and Weights

SIZE		DIMENSIONS												WEIGHT			
		A		B		C		D		E Screen Removal		F		G (NPT)			
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.
792FB																	
1	25	6 ⁷ / ₈	175	4 ¹⁵ / ₁₆	125	4 ⁵ / ₈	118	10	254	7 ³ / ₄	197	10 ⁹ / ₁₆	259	¾	20	35	15.8
1¼	32	9 ³ / ₈	238	6¾	171	4¾	111	10	254	10 ³ / ₈	264	12¾	324	1¼	32	65	29.4
1½	40	9 ³ / ₈	238	6¾	171	4¾	111	10	254	10 ³ / ₈	264	12¾	324	1¼	32	65	29.4
2	50	10 ⁵ / ₈	270	8 ³ / ₁₆	208	7 ¹ / ₈	181	20	508	12 ⁵ / ₈	321	16 ³ / ₈	416	1½	40	118	53.5
2½	65	13½	343	12	305	8 ¹ / ₁₆	205	20	508	17 ²¹ / ₃₂	448	20 ³ / ₈	518	1½	40	249	112.9
3	80	13½	343	12	305	8 ¹ / ₁₆	205	20	508	17 ²¹ / ₃₂	448	20 ³ / ₈	518	1½	40	249	112.9
4††	100	16	406	16 ¹³ / ₁₆	427	15½	394	14+	356	23½	597	24½	622	1½	40	435	197.2
5††	125	22	559	18 ⁵ / ₈	473	17¼	438	14+	356	25 ¹¹ / ₁₆	653	26¼	667	1½	40	746	338.3
6††	150	22	559	18 ⁵ / ₈	473	17¼	438	14+	356	25 ¹¹ / ₁₆	653	26¼	667	1½	40	746	338.3
794FB																	
1	25	7 ¹ / ₈	181	4 ¹⁵ / ₁₆	125	4 ⁵ / ₈	118	10	254	7 ³ / ₄	197	10 ⁹ / ₁₆	259	¾	20	40	18.1
1¼	32	9 ³ / ₈	238	6¾	171	4¾	111	10	254	10 ³ / ₈	264	12¾	324	1¼	32	70	31.7
1½	40	9 ³ / ₈	238	6¾	171	4¾	111	10	254	10 ³ / ₈	264	12¾	324	1¼	32	70	31.7
2	50	10 ⁵ / ₈	270	8 ³ / ₁₆	208	7 ¹ / ₈	181	20	508	12 ⁵ / ₈	321	16 ³ / ₈	416	1½	40	120	54.4
2½	65	14¼	362	12	305	8 ¹ / ₁₆	205	20	508	17 ²¹ / ₃₂	448	20 ³ / ₈	518	1½	40	260	117.9
3	80	14¼	362	12	305	8 ¹ / ₁₆	205	20	508	17 ²¹ / ₃₂	448	20 ³ / ₈	518	1½	40	260	117.9
4††	100	16½	419	16 ¹³ / ₁₆	427	15½	394	14+	356	23½	597	24½	622	1½	40	450	204.0
5††	125	22 ⁷ / ₈	581	18 ⁵ / ₈	473	17¼	438	14+	356	25 ¹¹ / ₁₆	653	26¼	667	1½	40	—	—
6††	150	22 ⁷ / ₈	581	18 ⁵ / ₈	473	17¼	438	14+	356	25 ¹¹ / ₁₆	653	26¼	667	1½	40	—	—

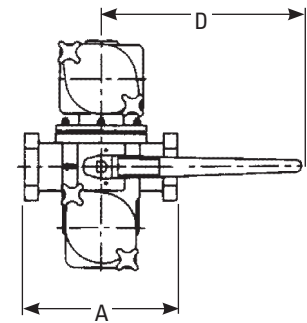
Apply For Certified Drawings.

+ 4", 5" and 6" units are standard with a gear operator. The handwheel dimension is 10".

†† 4", 5" and 6" units are standard with floor supports. Dimension "B" reflects this standard in those sizes.



* "B" dimension includes the floor supports when applicable



Models 792FB, 794FB

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-792FB_794FB 1453

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