

Models: 792SB, 794SB**Ball-Plex™ Aluminum Bronze Screwed End
Duplex Strainers**
Sizes: 3/4" - 3" (20 - 80mm)**Pressure/Temperature-Non-Shock**

Model	Material	Rating
792SB	Al-Brz	200psi @ -20°F to 150°F 13.79 bar @ 65.56°C 180psi @ 250°F 12.41 bar @ 121.11°C
794SB	Al-Brz	400psi @ -20°F to 150°F 27.58 bar @ 65.56°C 395psi @ 250°F 25.17 bar @ 121.11°C

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

792SB**Class 125****794SB****Class 250**

Models 792SB, 794SB

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

Typical Service

- Duplex Strainers are designed for use in fluid handling systems where the flow cannot be shut down 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
792SB, 794SB	3/4" - 3"	304SS	.062 perf

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

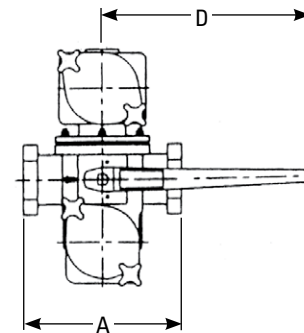
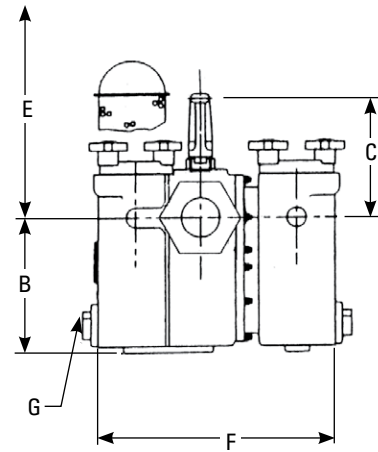
Representative _____

Material

	792FB, 794FB
Body	Aluminum Bronze ASTM B148
Cover/Cap	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.
¾	20	5½	140	4 ¹⁵ / ₁₆	125	4⅝	118	10	254	7¾	197	10 ³ / ₁₆	259	¾	20	33	14.9
1	25	5½	140	4 ¹⁵ / ₁₆	125	4⅝	118	10	254	7¾	197	10 ³ / ₁₆	259	¾	20	33	14.9
1¼	32	7½	191	6¾	171	4⅜	111.1	10	254	10 ³ / ₈	264	12¾	324	1¼	32	58	26
1½	40	7½	191	6¾	171	4⅜	111.1	10	254	10 ³ / ₈	264	12¾	324	1¼	32	57	25.8
2	50	10	254	8 ³ / ₁₆	208	7⅞	181	20	508	12 ⁵ / ₈	321	16 ³ / ₁₆	416	1¼	32	113	51.2
2½	65	11½	292	12	309	8 ¹ / ₁₆	205	20	508	17 ¹¹ / ₁₆	449	20 ³ / ₁₆	518	1½	40	235	106.5
3	80	11½	292	12	309	8 ¹ / ₁₆	205	20	508	17 ¹¹ / ₁₆	449	20 ³ / ₁₆	518	1½	40	235	106.5



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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-792SB_794SB 1453

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