

CAST CARBON AND ALLOY STEEL SCREWED AND SOCKET WELD "Y" STRAINERS

600 lb. ANSI
Screwed Cap
#861
Screwed
#862
Socket Weld

600 lb. ANSI
Bolted Cap
#861-BC
Screwed
#862-BC
Socket Weld

| PRESSURE-TEMPERATURE RATING in accordance with ANSI B 16.5-1981 | | |
|--|------------------|------------------|
| | STEEL | LIQUIDS |
| Carbon Steel | 800 PSI @ 325°F | 1480 PSI @ 100°F |
| Chrome-moly (WC8) | 1000 PSI @ 325°F | 1500 PSI @ 100°F |

SERVICE RECOMMENDATIONS: Designed to insure complete protection to mechanical equipment from the injurious effects of dirt, scale, welding particles or other foreign objects. Ruggedly built for long service under high pressure and temperature conditions.

FEATURES: #861 and #862 strainers have removable caps, machined from cold drawn steel bar stock. Caps are straight threaded and faced and assembled with a gasket designed for high temperature service. A machined seat in both the body and cap combine to insure easy alignment and perfect seating of the screen. Caps available with or without female tapped blowoff connection. Blowoff connection normally supplied. No deduction for blind cap. Self cleaning is easily accomplished by opening the valve or plug connection to the blowoff outlet. Plugs not normally furnished. #861-BC and #862-BC combine the features of the #861 and #862 with added convenience of an easily removable bolted cap.

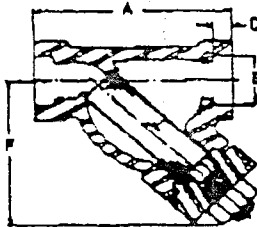
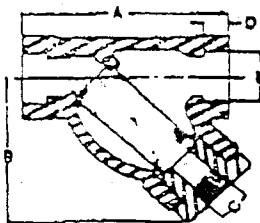
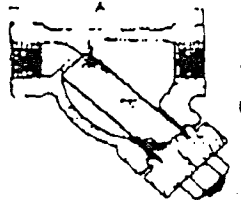
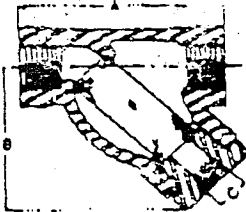
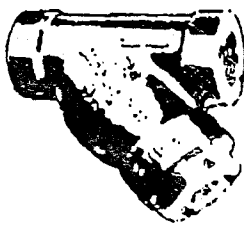
SCREENS: Stainless steel, spot welded screens normally furnished. See page B-3 for other perforations and wire mesh.

STEAM: .033" (1/32") perforations
WATER: .062" (1/16") perforations

CONSTRUCTION: Extremely heavy, rugged bodies in either cast carbon steel (ASTM A215 Grade WCB) or cast chrome-moly (ASTM A217 Grades WC8 and WC9) available from stock. Cast carbon-moly and other alloys available. All sizes have generously proportioned screens with a minimum capacity of four times the corresponding pipe size when standard screens are used. See page C-1 for pressure drop figures. Bore measurement available to correspond with inside diameter of either standard or extra heavy pipe. Normally furnished with extra heavy bore.

INDIVIDUALLY HYDROSTATICALLY TESTED

MATERIALS: Carbon Steel ASTM A215 Grade WCB
Chrome-Moly ASTM A217 Grades WC8 and WC9
Carbon-Moly ASTM A217 Grade WC1



DIMENSIONS AND WEIGHTS - APPROXIMATE "APPLY FOR CERTIFIED DRAWINGS"

| SIZE | 1/4" | 3/8" | 1/2" | 3/4" | 1" |
|--------|-------------|-------------|-------------|-------------|-------------|
| "A" | 3 | 3 | 3 7/8 | 4 1/2 | 4 15/16 |
| "B" | 2 1/2 | 2 1/2 | 3 1/16 | 3 5/8 | 4 1/4 |
| "C" | 1 1/4 | 1 1/4 | 1 1/4 | 3/8 | 1/2 |
| "D" | 3/8 | 3/8 | 3/8 | 1/2 | 1/2 |
| "E" | .565 | .487 | .500 | 1.000 | 1.331 |
| "F" | — | — | 3 1/4 | 4 | 4 1/2 |
| Weight | 1 1/2 | 1 1/2 | 2 1/4 | 3 3/4 | 8 1/2 |
| | Screwed Cap | Screwed Cap | Screwed Cap | Screwed Cap | Screwed Cap |
| | 3 | 3 | 3 1/4 | 4 1/4 | 7 |
| | Bolted Cap | Bolted Cap | Bolted Cap | Bolted Cap | Bolted Cap |

MLS
2" = 400
2 1/2" = 500
3" = 600
3 1/2" = 1700

MUELLER STEAM SPECIALTY

Lumberton, NC 28358