

BASKET TYPE STRAINERS

Mueller Steam Specialty Simplex Basket Strainers are called for when the application requires a strainer with an extremely large capacity. Most of these strainers have an open area ratio of 6 to 1 with even greater open area ratios available.

As with all of the Mueller Steam Specialty strainers, basket strainers are available in an almost endless combination of materials, pressures, end connections and cover configurations from 1/4" to 24" (72" in fabricated units). Units are also available in cast iron, bronze, carbon steel, stainless steel, Alloy 20 and most other alloys. The baskets in the Mueller Steam Specialty simplex basket strainers share the same quality of construction as the Mueller Steam "Y" strainers.

From threaded end connections to offset flanged connections, we can provide the exact basket strainer to meet your needs.

MODEL 125/125-B**

MODEL 125-CS/125-SS**

CLASS 125 - 250*

Cast Iron, Bronze, Cast Steel, Stainless Steel
NPT Ends, Quick Open Cover with Non-Yoke knobs,
O-ring Seal, Bolted Cover

- Size: 3/8" - 3" (10 - 80mm)
- 200psi WOG @ 150°F
- 13 bar @ 65°C



MODEL 125F/125F-B**

MODEL 125F-CS/125F-SS**

CLASS 125 - 250*

Cast Iron, Bronze, Cast Steel, Stainless Steel
Flanged Ends, Quick Open Cover with Non-Yoke Knobs on
most sizes, O-ring Seal

- Size: 1" - 12" (25 - 300mm)
- 200psi WOG @ 150°F
- 13 bar @ 65°C
- 125psi WSP @ 350°F
- 9 bar @ 177°C



MODEL 155M

CLASS 125

Cast Iron

Flanged Ends, Side Swing Clamps on 2" - 12", Vertical
Swing Clamps on 14" and 16", Bolted Cover

- Size: 2" - 16" (50 - 400mm)
- to 12" 200psi WOG @ 150°F
- (to 300mm) 13 bar @ 65°C
- 14"-16" 150psi WOG @ 150°F
- (350 - 400mm) 10 bar @ 65°C



* with bolted cover

**Pressure-Temperature Rating for Cast Iron Models

Consult factory for other materials. Optional sizes, materials, baskets, gaskets and mesh liners are available on application.

† Pressure-Temperature Rating for Stainless Steel Models only

Consult factory for Carbon Steel. Optional sizes, materials, baskets, gaskets and mesh liners are available on application.

MODEL 165

CLASS 125

Cast Iron

Flanged Ends, Bolted Flange Cover

- Size: 1 1/4" - 24" (32 - 600mm)
- to 12" For Steam
- (to 300mm) Consult Factory
- 200psi WOG @ 150°F
- 13 bar @ 65°C



- 14"-24" For Steam
- (350 - 600mm) Consult Factory
- 150psi WOG @ 150°F
- 10 bar @ 65°C

MODEL 166

CLASS 250

Cast Iron

Flanged Ends, Bolted Flange Cover

- Size: 2" - 24" (50 - 600mm)
- to 12" 250psi WSP @ 406°F
- (to 300mm) 17 bar @ 208°C
- 500psi WOG @ 150°F
- 34 bar @ 65°C

- 14"-24" 200psi WSP @ 406°F
- (350 - 600mm) 13 bar @ 208°C
- 300psi WOG @ 150°F
- 20 bar @ 65°C

MODEL 165-B

CLASS 150

Bronze

Flanged Ends, Bolted Flange Cover

- Size: 2" - 12" (50 - 300mm)
- 150psi WSP @ 406°F
- 10 bar @ 208°C
- 225psi WOG @ 150°F
- 15 bar @ 65°C



MODEL 166-B

CLASS 300

Bronze

Flanged Ends, Bolted Flange Cover

- Size: 2" - 12" (50 - 300mm)
- 350psi WSP @ 350°F
- 24 bar @ 176°C
- 500psi WOG @ 150°F
- 34 bar @ 65°C
- 300psi WSP @ 406°F
- 20 bar @ 208°C

MODEL 185/185-SS†

CLASS 150

Cast Steel/Stainless Steel

Flanged Ends, Bolted Flange Cover

- Size: 1 1/4" - 20" (32 - 500mm)
- 150psi WSP @ 565°F
- 10 bar @ 296°C
- 285psi WOG @ 100°F
- 19 bar @ 38°C



MODEL 186/186-SS†

CLASS 300

Cast Steel/Stainless Steel

Flanged Ends, Bolted Flange Cover

- Size: 1 1/4" - 16" (32 - 400mm)
- 505psi WSP @ 750°F
- 20 bar @ 448°C
- 740psi WOG @ 100°F
- 51 bar @ 38°C

MODEL 126F-CS

CLASS 300

Cast Steel/Stainless Steel

Flanged Ends, Bolted Flange Cover

- Size: 3/4" - 18" (20 - 450mm)
- 300psi WSP @ 838°F
- 21 bar @ 448°C
- 740psi WOG @ 100°F
- 51 bar @ 38°C



MODEL 126F-SS

CLASS 300

Cast Steel/Stainless Steel

Flanged Ends, Bolted Flange Cover

- Size: 3/4" - 18" (20 - 450mm)
- 300psi WSP @ 838°F
- 21 bar @ 48°C
- 720psi WOG @ 100°F
- 50 bar @ 38°C