

Product Specifications

Strainers

- **Threaded end strainer** shall be rated for **250psi SWP, 400psi CWP**, NPT threaded ends, a cast iron body **ASTM A-126 Gr. B**, straight threaded cap, metal inserted graphite gasket. Screen material shall be 304 SS. Suggested screen openings for size ½" up to 2" are 20 mesh screen for water service and 30 mesh for steam service, for sizes 2½" – 3" .062 perforated for water service and ¾" perforated screen must be used for steam service. Mueller Steam Specialty Model **11M**.
- **Flanged end strainer** through 12" shall be rated for **125psi SWP, 200psi CWP**, strainers 14" through 24" shall be rated for **100psi SWP, 150psi CWP, ANSI 125 Lb.** class flanged ends, a cast iron body **ASTM A-126 Gr. B**, bolted cover, compressed fiber gasket. Screen material shall be 304 SS. Suggested screen openings are .062 for sizes up to 4" and .125 perforated screen for 5" and up for water service, .045 perforated screen for sizes 2" to 8" and 30 mesh lined screen for sizes 10" and up must be used for steam service. Mueller Steam Specialty Model **758**.
- **Flanged end and weld end strainer** shall be rated for **150psi SWP, 285psi CWP, ANSI 150 Lb.** class flanged ends, a cast carbon body **ASTM A-216 Gr. WCB**, bolted cover, compressed fiber gasket. Screen material shall be 304 SS. Suggested screen openings of .062 perforated screen up to 4" and .125 perforated screen for sizes 5" and up for water service, .045 perforated screen for sizes 2" to 8" and .062 perforated lined screen for sizes 10" and up must be used for steam service. Mueller Steam Specialty Model **781 and 781WE**.
- **Threaded and solder end strainer** shall be rated for **150psi SWP, 200psi CWP**, NPT threaded ends, a cast bronze body **ASTM B62**, straight threaded cap, metal inserted graphite gasket. Screen material shall be 304 SS. Suggested screen openings 20 mesh screen must be used for water service and .033 perforated screen for steam service. Mueller Steam Specialty Model **351M and 358S**.
- **Threaded and socket weld end strainer** shall be rated for **600psi SWP, 1480psi CWP**, a cast carbon steel body **ASTM A-216 Gr. WCB**, straight threaded cap, Spiral wound graphite gasket. Screen material shall be 304 SS. Suggested screen openings .062 perforated screen must be used for water service, .033 perforated screen for steam service. Mueller Steam Specialty Model **861, 581 and 862, 582**.
- **Flanged end and weld end strainer** shall be rated for **600psi SWP, 1480psi CWP**, a cast carbon steel body **ASTM A-216 Gr. WCB**, bolted cover, Spiral wound graphite gasket. Screen material shall be 304 SS. Suggested screen openings .062 perforated screen must be used for water service, .033 perforated screen for steam service. Mueller Steam Specialty Model **764 and 764-WE**.
- **Flanged end strainer** vertical in-line basket type through 12" shall be rated for **125psi SWP, 200psi CWP**, strainers 14" through 24" shall be rated for **100psi SWP, 150psi CWP, ANSI 125 Lb.** class flanged ends, a cast iron body **ASTM A-126 Gr. B**, bolted cover, compressed fiber gasket. Screen material shall be 304 SS. Suggested screen openings .062 for sizes up to 4" and .125 perforated screen for sizes 5" and up must be used for water service. Mueller Steam Specialty Model **165**.
Note: Other materials of construction such as 316SS, WC6, WC9, C5, and Al Bz, are available upon request.
- **Threaded end vertical in-line basket strainer** shall be rated for **200psi CWP**, 150 NPT threaded ends, a cast iron body **ASTM A-126 Gr. B**, knob type cover, O-ring cover seal. Screen material shall be 304 SS. Suggested screen openings for sizes ½" up to 4" are .062 perforated and sizes 5" and larger should use ⅛" perforated basket for water service. Open area ratio must be 6:1. Mueller Steam Specialty Model **125**.
Note: Other materials are available upon request.
- **Uninterrupted flow twin basket type duplex strainer** should be used. Threaded end strainer shall be rated for **200psi CWP**, NPT threaded ends, a cast iron body **ASTM A-126 Gr. B**, knob type cover, O-ring cover seal gasket. Screen material shall be 304 SS. Suggested screen openings for sizes ½" up to 3" is .062 perforated basket for water service. ⅛" NPT vent must be provided in the cover. Bubble tight shutoff. Mueller Steam Specialty Model **791S (Ball-Plex™ duplex strainer)**.
Flange Type, other materials and sizes are available upon request.

Product Specifications (cont.)

Mueller Steam Specialty Check Valves

- Globe style, single disc center guided check valves 2" through 12" shall be rated for **200psi CWP**, 14" through 24" shall be rated for **150psi CWP**, have a cast iron body ASTM A126 Gr. B, **ANSI 125 LB CLASS** flat face flanged ends, a type 302 Stainless Steel spring and a bronze seat and disc. Mueller Steam Specialty Model **105M-AP**.
- Globe Style single disc center guided check valves 2" through 12" shall be rated for **500psi CWP**, 14" through 24" shall be rated for **300psi CWP**, have a cast iron body ASTM A126 Gr. B, **ANSI 250 LB CLASS** flat face flanged ends, a type 302 Stainless Steel spring and a bronze seat and disc. Mueller Steam Specialty Model **107M-AP**.
- Wafer style double disc check valves 2" through 54" shall be rated for **285psi CWP**, have a cast carbon body ASTM A 216 Gr. WCB, **ANSI 150 LB CLASS**, a type 302 Stainless Steel spring and a soft seat and bronze disc. Mueller Steam Specialty Model **72**.

Other materials and pressure classes are available upon request..

- CONTROL CHEK® 2" through 14" shall be rated for 200psi CWP, a cast iron body ASTM-A-126 Gr. B, yoke cover, O-ring seal, bronze stem. The valve shall be capable of providing adjustable flow control from full open to bubble tight shutoff by means of an external rising stem with a positioning indicator. Mueller Steam Specialty Model **721**.

Mueller Steam Specialty Butterfly Valves

- The Butterfly Valve shall be soft seated, wafer type **65M** or lugged type **66M**, cast iron ASTM A126 Gr.B, Bronze disc, Buna-N seat, 10 position handle, **ANSI 125 Lbs Class**, Conforming to **MSS SP 67** and **API 609** specifications.

