

Model: 758G

LOCXEND® Y Strainers Sizes: 2" – 12" (50 – 300mm)

Pressure / Temperature – Non-Shock

| Model | Material | CWP |
|-------|--------------|----------------------------------|
| 758G | Ductile Iron | 640psi @ 100°F 150psi @ 565°F |

Pressure/Temperature can be limited by gasket material. Consult factory.



Model 758G

Typical Service

- The LOCXEND® Y Strainer is designed for installation in grooved end piping systems.
- Used extensively to strain foreign matter from pipe lines and provide economical protection for costly pumps, meters, valves, and other similar mechanical equipment

Features

- Mueller "BREECH-LOK STRAINERS"
 - Furnished as standard in sizes 8" and larger.
 - A one-quarter turn securely locks the screen in its seat.
 - Allows for easy bolting of the cover flange.
- Tapered seats in both the body and cover flange retain screen and prevent particle bypass

Construction

- All covers have NPT blowoff outlet at Location C. See next page.
- Recessed seat in the cover assures accurate screen alignment.
- Bosses at the inlet and outlet flanges are provided for the gauge taps.

Self-cleaning

- Self-cleaning is accomplished by opening the plug or valve connected to the blowoff outlet
- Advise when strainers are to be mounted in vertical piping so we can rotate the cover to position the blowoff at the lowest point.

Blowoff Outlets

- Outlets are NPT tapped
- Sizes of tapping specified on next page.
- Not normally furnished with plug. Plug available, specify with order

Capacity

- Generously proportioned bodies
- Open Area Ratio much greater than pipe size, ensuring low pressure drop

Pressure Drop

See Pressure Drop Charts in Technical Data section of the Mueller Steam Specialty Engineering binder.

Screens

| MODEL | SIZES | STANDARD (WATER) | | STEAM RECOMMENDATION | |
|-------|------------|------------------|-----------|----------------------|-----------|
| | | MATERIAL | OPENING | MATERIAL | OPENING |
| 758G | 2"– 4" | 304SS | .062 perf | 304SS | .045 perf |
| 758G | 5"– 8" | 304SS | .125 perf | 304SS | .045 perf |
| 758G | 10" and Up | 304SS | .125 perf | 304SS | .062 perf |

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

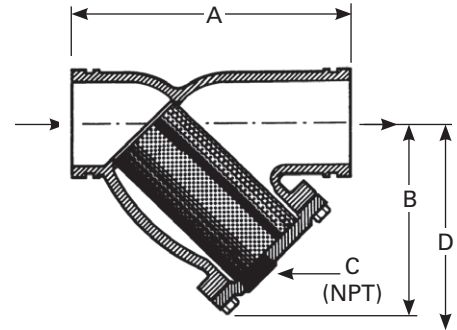
Materials

| 758G | |
|-------------|------------------------|
| Body | Ductile Iron ASTM A536 |
| Cover | Ductile Iron ASTM A536 |
| Flat Gasket | Compressed Fiber |
| Screen | 304 Stainless Steel |

Consult factory for other materials.

Dimensions and Weights

| SIZE | | DIMENSIONS | | | | | | | | WEIGHT | |
|-----------------|-----|------------------|-----|------------------|-----|-----------------|----|------------------|-----|--------|-------|
| | | A | | B | | C (NPT) | | D | | | |
| in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | lbs. | kgs. |
| 2 | 50 | 7 $\frac{7}{8}$ | 200 | 5 $\frac{1}{4}$ | 133 | $\frac{1}{2}$ | 13 | 7 | 178 | 12 | 5.44 |
| 2 $\frac{1}{2}$ | 65 | 10 | 254 | 6 $\frac{1}{2}$ | 165 | 1 | 25 | 9 $\frac{3}{4}$ | 248 | 18 | 8.16 |
| 3 | 80 | 10 $\frac{5}{8}$ | 257 | 7 | 178 | 1 | 25 | 10 | 250 | 23 | 10.4 |
| 4 | 100 | 12 $\frac{1}{8}$ | 308 | 8 $\frac{3}{4}$ | 210 | 1 $\frac{1}{2}$ | 38 | 12 | 305 | 42 | 19 |
| 5 | 125 | 15 $\frac{5}{8}$ | 397 | 11 $\frac{1}{4}$ | 286 | 2 | 51 | 17 | 432 | 80 | 36.3 |
| 6 | 150 | 18 $\frac{1}{2}$ | 470 | 13 $\frac{1}{2}$ | 343 | 2 | 51 | 20 | 508 | 112 | 50.8 |
| 8 | 200 | 21 $\frac{5}{8}$ | 549 | 15 $\frac{1}{2}$ | 394 | 2 | 51 | 22 $\frac{3}{4}$ | 578 | 205 | 93 |
| 10 | 250 | 29 $\frac{1}{8}$ | 654 | 19 $\frac{1}{4}$ | 470 | 2 | 51 | 29 $\frac{1}{4}$ | 711 | 277 | 125.6 |
| 12 | 300 | 33 $\frac{3}{4}$ | 762 | 22 $\frac{7}{8}$ | 552 | 2 | 51 | 35 $\frac{1}{4}$ | 762 | 470 | 213.2 |



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A Watts Water Technologies Company

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