Standard cast pipeline strainers
Eaton standard cast pipeline strainers protect pumps, filters, nozzles, flow meters, valves, heat exchangers, condensers, oil burners, boilers, and other process system components from damaging pipeline debris. Eaton maintains the largest and broadest inventory of strainers in the industry, and can provide off-the-shelf delivery of simples, duplex, and Y strainers in metals such as cast iron, carbon steel, bronze, and stainless steel.

Eaton standard cast pipeline strainers meet customers’ expectations and the highest standards, including:
- ISO 9001-2008 quality management
- Properly sized components to meet any specified retention requirement and flow rate
- NSF approved coatings
- Ultra low discharge strainer technology that offers reduced purged volumes

For more than 50 years, Eaton has led the way with designs that meet the growing and vigorous demands of process and manufacturing industries, utilities, and municipalities around the world.

The American Bureau of Shipping (ABS) has added Eaton’s Model 72 and 73 simplex strainers and the Model 53BTx duplex strainer to its list of Type Approved products.

**Model 72 SIMPLEX BASKET STRAINER**
- 3/4” to 8” threaded or flanged connections
- Iron, bronze, carbon steel, or stainless steel
- Quick open cover—no tools required
- Heavy wall construction
- Large capacity baskets
- Machined basket seat
- Threaded drain
- Perforated or mesh 316 stainless steel basket
- Mounting feet for stable installation for flanged units 2” and larger
- Basket perforations from 1/32” to 1/2”
- Basket mesh from 20 to 400

Optional:
- Basket and seal materials, vent valves, gauge/vent taps, magnetic basket inserts, pressure differential gauge and switch

**Model 72S1 STEAM JACKETED BASKET STRAINER**
- 1” to 8” flanged connections
- Carbon steel or stainless steel
- NPT steam connections
- Up to 150° steam pressure
- Quick open cover—no tools required
- Large capacity basket
- Threaded drain plug
- Machined basket seat
- Viton® seals
- Perforated or mesh 316 stainless steel basket
- Basket perforations from 1/16” to 1/8”
- Basket mesh from 20 to 400
- Optional: vent valve and drain valves, gauge/vent taps, pressure differential gauge and switches

**Model 72L TEFZEL-LINED BASKET STRAINER**
- 1” to 6” flanged connections
- Carbon steel with abrasion resistant 1/8” Tefzel® liner
- Excellent corrosion resistance
- Tefzel-coated baskets
- Service temperatures to 350 °F
- Quick opening covers
- Large capacity baskets
- Flanged drain
- Low cost alternative to exotic alloy strainers
- Optional: MONEL® or HASTELLOY® C baskets

**Model 72L TEFLON-LINED BASKET STRAINER**
- 5”, 6”, or 8” flanged connections
- Iron, bronze, carbon steel, or stainless steel
- Continuous flow, no shutdown for basket cleaning
- Rugged tapered plug design
- Lift jack prevents galling of the plug
- Quick open cover—no tools needed
- Large capacity baskets
- Threaded drain
- Machined basket seat
- Perforated or mesh 316 stainless steel basket
- Basket perforations from 1/32” to 1/2”
- Basket mesh from 20 to 400
- Optional: MONEL baskets, vent and drain valves, gauge/vent taps, pressure differential gauge and switches

**Model 30R ECONOMY BASKET STRAINER**
- 1-1/2” to 8” threaded or flanged connections
- Iron
- Hand removable cover
- Drain plug
- Machined basket seat
- Perforated or mesh 316 stainless steel basket
- Basket perforations from 1/32” to 1/2”
- Basket mesh from 20 to 400
- Optional: MONEL baskets, vent and drain valves, gauge/vent taps, magnetic basket inserts, and pressure differential gauges and switches

**Model 73 STRAIGHT FLOW BASKET STRAINER**
- 3/4” to 4” flanged or threaded connections
- Iron, bronze, carbon steel, or stainless steel
- Dynamic sealing design for long life
- Easy-to-operate lever handle—no gear box required
- Unique seat and seal design requires no adjustments
- Teflon® seats for longer service life
- Foot pads for rock solid installation
- Double-stem O-rings for positive sealing
- Easy to access body vent valve
- Side drain plugs on each basket well
- Piston seal strainer basket cover
- Easy access for diverter cartridge removal
- 316 stainless steel ball design

**Model 50 PLUG TYPE DUPLEX BASKET STRAINER**
- Unique diverter cartridge assures fail-safe isolation of basket chamber during cleaning. A double sealing system on the upper and lower stems guards against any possible leakage. If service becomes necessary, just remove four bolts and the cartridge slides right out the top of the strainer body.

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ADDITIONAL FILTERS AND STRainers AVAILABLE

- Custom fabricated pipeline strainers offer unique designs that fit the exact requirements of any application
- Self-cleaning automated filters and strainers
- Designed and constructed to meet worldwide quality standards and required codes

MODEL 52 LARGE DUPLEX BASKET STRAINER

- 10” to 18” flanged connections
- Iron or bronze
- Continuous flow—no shutdown for basket cleaning
- Compact butterfly valve design
- Quick opening covers
- Convoluted-design baskets
- Threaded drain
- Perforated or mesh stainless steel baskets
- Vent
- Positive shutoff
- Basket perforations from 1/32” to 1/2”
- Basket mesh of 20, 40, 60, or 60
- Optional: Ductile iron construction, MONEL baskets, vent valve and drain valves, gauge/vent taps, pressure differential gauge and switches, and magnetic basket inserts

TEMPORARY STRAINER

- Designed for use in new pipeline start-up service
- Line flushing after any modification work
- 2” to 24” flanged connection
- Stainless steel or MONEL
- ANSI Classes 150, 300, and 600
- Perforations from 1/32” to 1/2” diameter
- Mesh liners of 20, 40, 60, 80, and 100 (best with basket type strainers)
- Optional: Alloy construction, RTJ-style connections

Cone type temporary strainer is shown bolted between two pipe flanges

For more information, please email us at filtration@eaton.com or visit www.eaton.com/filtration

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