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 simplex, 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

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 53 BTX BALL TYPE DUPLEX BASKET STRAINER

- 3/4" to 4" threaded or 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, cast iron and stainless steel diverter plug, magnetic basket inserts and a variety of seal materials

MODEL 73 STRAIGHT FLOW BASKET STRAINER

- 10" to 18" flanged connections
- Iron or bronze
- Quick open cover
- Straight through flow design
- Low pressure loss
- Convoluted basket design
- Hand removable basket
- Threaded drain
- Buna-N O-ring seal
- Low profile
- No tools required for access
- Perforated or mesh 316 stainless steel basket
- Basket perforations from 1/32" to 1/2"
- Basket mesh of 20, 40, or 60
- Optional: vent valves, drain valves, gauge/vent taps, pressure differential gauge and switches

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
- Basket perforations from 1/32" to 1/2"
- Basket mesh of 20, 40, 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

Unique diverter cartridge assures leak-tight 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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HASTELLOY® is a registered trademark of Haynes International Inc.
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 1/8” 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

MODEL 570 DUPLEX MULTI BASKET STRAINER

- 8” to 24” flanged connections
- Iron or carbon steel
- Continuous flow no shutdown for basket cleaning
- Sliding gate design
- Bolted covers
- Compact
- Threaded drain
- Eight baskets per strainer (four per side)
- Perforated or mesh stainless steel baskets
- Basket perforations from 1/8” to 1/2”
- Basket mesh of 20, 40, 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

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

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

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