

Permanent Media Systems

Y-Strainer
Simplex

Duplex
Multi-basket

Temporary



Standard cast pipeline strainers

EATON

Powering Business Worldwide

Standard cast pipeline strainers

High performance systems for keeping debris out of your downstream equipment

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 9001-2015 quality management
- Properly sized components to meet any specified retention requirement and flow rate
- NSF approved coatings

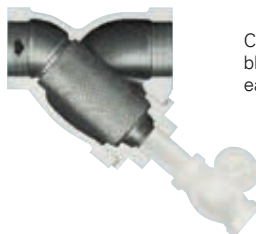
For more than 50 years, Eaton has led the way with designs that meet the growing and vigorous demands of process and manufacturing industries, utilities, and municipalities around the world.

The American Bureau of Shipping (ABS)

has added Eaton's Model 73 simplex strainers and the Model 53BTX duplex strainer to its list of Type Approved products.

MODEL 85 Y-STRAINER

- 1/4" to 10" threaded, flanged, or socket weld connections
- Carbon steel and stainless steel
- Compact design
- Bolted or threaded covers
- Standard stainless steel screens
- Horizontal or vertical installation



Cross-section of a Y Strainer with blow off connection for quick and easy clean-out.

MODEL 72X SIMPLEX BASKET STRAINER

- Flanged or threaded DIN and ANSI end connections
- Ductile Iron models designed to 10 bar, 120°C
- Stainless steel models designed to 16 bar, 120°C
- Bolted cover
- Machined basket seat with o-ring seal
- Large capacity 316 stainless steel baskets, perforated or mesh
- Bottom drain port
- 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 72SJ STEAM JACKETED BASKET STRAINER

- 1" to 8" flanged connections
- Carbon steel or stainless steel
- NPT steam connections
- Up to 6.9 bar 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 1/32" to 1/2"
- 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 149 °C
- Quick opening covers
- Large capacity baskets
- Flanged drain
- Low cost alternative to exotic alloy strainers
- Optional: MONEL or HASTELLOY C baskets



MODEL 53BTX BALL TYPE DUPLEX BASKET STRAINER

- 3/4" to 4" threaded or flanged 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 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



Unique diverter cartridge assures minimal leaks, if any to the basket chamber during cleaning. A double sealing system on the upper and lower stems guards against any possible leakage between fluid chambers and the environment. If service becomes necessary, just remove four bolts and the cartridge slides right out the top of the strainer body.



MODEL 50 PLUGTYPE DUPLEX 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, cast iron and stainless steel diverter plug, magnetic basket inserts and a variety of seal materials



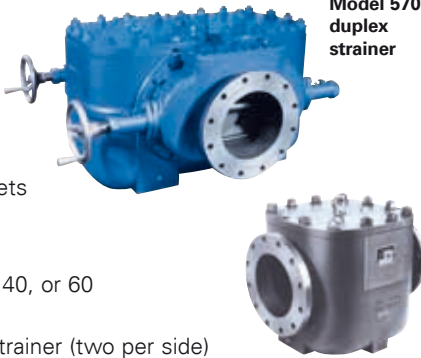
MODEL 52 LARGE DUPLEX BASKET STRAINER

- 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



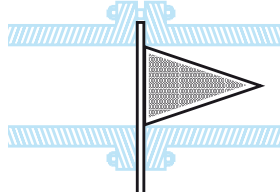
MODEL 510 / 570 COMPACT MULTI-BASKET STRAINER

- 8" to 24" flanged connections
- Iron or carbon steel
- Bolted covers
- Compact
- Threaded drain
- Perforated or mesh stainless steel baskets
- Basket perforations from 1/32" to 1/2"
- Basket mesh of 20, 40, or 60
- Model 510:
 - Four baskets per strainer (two per side)
- Model 570:
 - Sliding gate design
 - Continuous flow- no shutdown for basket cleaning
 - Eight baskets per strainer (four per side)
- Optional: Ductile iron construction, MONEL baskets, vent valve and drain valves, gauge/vent taps, pressure differential gauge and switches, and magnetic basket inserts



MODEL 92 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

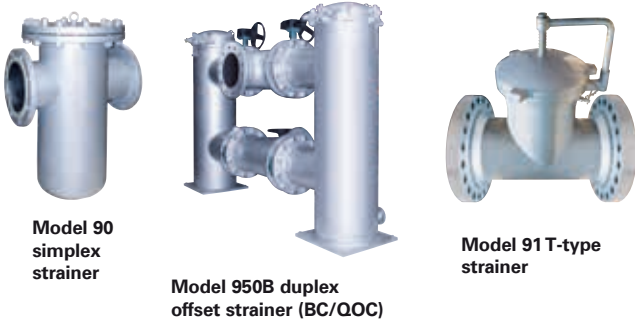


Cone type temporary strainer is shown bolted between two pipe flanges



ADDITIONAL FABRICATED STRAINERS AVAILABLE

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



North America
 44 Apple Street
 Tinton Falls, NJ 07724
 Toll Free: 800 656-3344
 (North America only)
 Tel: +1 732 212-4700

Europe/Africa/Middle East
 Auf der Heide 2
 53947 Nettersheim, Germany
 Tel: +49 2486 809-0
 Friedensstraße 41
 68804 Altlußheim, Germany
 Tel: +49 6205 2094-0

An den Nahewiesen 24
 55450 Langenlonsheim, Germany
 Tel: +49 6704 204-0

Greater China
 No. 7, Lane 280,
 Linhong Road
 Changning District, 200335
 Shanghai, P.R. China
 Tel: +86 21 2899-3687

Asia-Pacific
 100G Pasir Panjang Road
 #07-08 Interlocal Centre
 Singapore 118523
 Tel: +65 6825-1620

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

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