

Y Type Strainer

T Type Strainer

Simplex Basket Strainer

Quick Opening Casted Basket Strainer

Duplex Basket Strainer

Temporary Strainer

Scraper Mechanism Self Cleaning Filter

Disc Type Self Cleaning Filter

Auto Back Flush Self Cleaning Filter

Cartridge Filter Housings

Bag Filter Housings

Filter Elements

Filtration Systems



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Y TYPE STRAINER

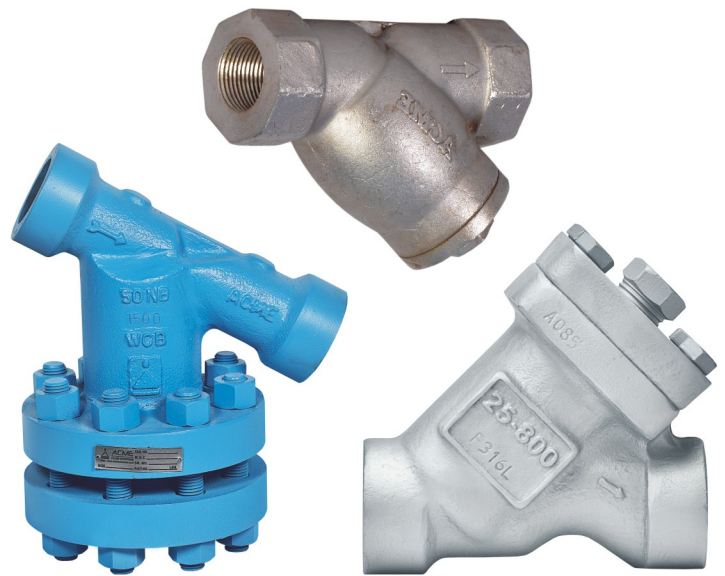


SIZE

- ▶ ¼" to 2" Screwed Ends/Socket Weld ends
- ▶ ½" to 20" Flanged ends/ Buttweld Ends

FEATURES

- ▶ Compact design
- ▶ Horizontal or vertical installation
- ▶ Large screening capacities
- ▶ Precision machined seats
- ▶ Bolted cover with blow off drain connection



MOC

- ▶ Cast steel, stainless steel or alloy steel

PRESSURE RATING

- ▶ 150# to 2500#

OPTIONS

- ▶ Larger size and pressure ratings
- ▶ D. P. Tappings/Gauge
- ▶ Magnetic screen insert.
- ▶ Special finish/linings.
- ▶ Pleated filter elements for more filtration area.

T TYPE STRAINER



SIZE - 1" to 24" Flanged Ends/Buttweld Ends

MOC - Carbon steel, stainless steel or alloy steel

PRESSURE RATING - 150# to 2500#

FEATURES

- ▶ Straight through flow design/side flow
- ▶ Dimensions can be modified to suit customer requirements
- ▶ Drain provided on strainers

OPTIONS

- ▶ Quick opening covers
- ▶ Cover lifting davits
- ▶ Upstream and downstream screen supports allow bi-directional flow

SIMPLEX BASKET STRAINER



SIZE - 1" to 60" Flanged End/Buttweld End

MOC - Carbon steel, Stainless steel or Alloy steel

FEATURES

- ▶ More open area for debris collection.
- ▶ Dimensions can be modified to suit customer requirements.
- ▶ Vent and drain provided on all strainers.

PRESSURE RATING - 150# to 2500#

OPTIONS

- ▶ Bolted, quick opening hinged cover or davit assembly.
- ▶ Steam jacket for highly viscous fluids.
- ▶ Magnetic screen inserts.
- ▶ Pressure differential gauge and switch connections.
- ▶ Pleated filter elements for more filtration.

QUICK OPENING CASTED BASKET STRAINER



SIZE

- ▶ ½" to 2" Screwed/Socket Weld Ends
- ▶ ¾" to 12" Flanged End Connection

MOC - Cast steel, stainless steel or alloy steel

FEATURES

- ▶ Quick open cover-no tools needed
- ▶ Integrally cast housings
- ▶ Flow is from inside to outside the basket to trap and retain debris
- ▶ Threaded drain
- ▶ Large screen area ensures efficient filtration with low pressure drop

OPTIONS

- ▶ Viton, PTFE-encapsulated, or EPDM seals
- ▶ Pleated baskets for high filtration areas
- ▶ Magnetic screen insert
- ▶ Supplied with equipment such as DP gauges and switches, valves for vent and drains etc.

DUPLEX BASKET STRAINER



SIZE

- ▶ ½" to 2" Threaded Ends
- ▶ 1" to 24" Flanged Ends

FEATURES

- ▶ Continuous Flow- No shut Down for Cleaning
- ▶ Single lever operation for safety and simplicity
- ▶ Higher degree of filtration area
- ▶ Butterfly or 3 way ball valve design



MOC - Carbon steel, stainless steel or alloy steel

OPTIONS

- ▶ Bolted, Quick Opening hinged cover or davit assembly
- ▶ Magnetic Screen Inserts
- ▶ Pressure differential gauge and switch connections
- ▶ Pleated Filter elements for More Filtration
- ▶ Steam jacketing for highly viscous fluids

TEMPORARY STRAINER



SIZE

- ▶ 1" to 48" (To be sandwiched between FF, RF and RTJ flanges)

MOC

- ▶ Carbon steel, stainless steel or alloy steel

PRESSURE RATING

- ▶ 150# to 2500#

THREE TYPES OF DESIGN ARE AVAILABLE

- ▶ Conical, Flat Hat and Plate Type

SPECIALLY DESIGNED FOR FILTRATION OF UNWANTED PARTICLES FOR PROTECTION OF GAS AND FLUID HANDLING EQUIPMENTS DURING COMMISSIONING OR MAINTENANCE OF PLANT

SCRAPER MECHANISM SELF CLEANING FILTERS



FLOW - 1 m³/hr – 7000 m³/hr

SIZE - 1" to 60"

MOC - Carbon Steel, Stainless Steel, Monel, Duplex SS

INTERNALS - Wedge Wire Screens/Wire Mesh

FEATURES

- ▶ Online Self Cleaning means Uninterrupted Flow
- ▶ Reduces Process/System downtime

APPLICATIONS - River water Intake, Cooling water, Water to Spraying systems, Black Liquor to Burners etc

OPTIONS

- ▶ Fully Integrated PLC Controls
- ▶ Pneumatic/Electric Drain Valves

DISC TYPE SELF CLEANING FILTERS



FLOW - 0.5 m³/hr – 45 m³/hr @ 100 Microns

SIZE - 1" to 4"

MOC - Carbon Steel, Stainless Steel, Monel, Duplex SS

Ideal for highly Viscous, abrasive or sticky Liquids

FEATURES

- ▶ Elimination or reduction in disposable filter bags and cartridges
- ▶ Reduces Process/System downtime

APPLICATIONS - Paper Coating, Phenolic Resins, Paints, Inks, Machining Coolants, edible Oil

OPTIONS

- ▶ Fully Integrated PLC Controls
- ▶ Pneumatic/Electric Drain Valves

AUTO BACK FLUSH SELF CLEANING FILTERS



FLOW - 1 m³/hr - 6000 m³/hr

SIZE - 1" to 60"

MOC - Carbon Steel, Stainless Steel, Monel, Rubber lining

INTERNALS - Wedge Wire Screens/Wire Mesh filters

FEATURES

- ▶ Automatic back washing for operator-free service and minimal backwash effluent
- ▶ Reduces Process/System downtime

APPLICATIONS - Cooling water filtration, Protective filter before nozzles and pumps. · Water conditioning for cooling blast furnaces and rolling mills.

OPTIONS

- ▶ Fully Integrated PLC Controls
- ▶ Pneumatic/Electric Drain Valves

CARTRIDGE FILTER HOUSINGS



FEATURES

- ▶ Fine Filtration capacity
- ▶ Housings suitable for most types of Cartridges (PP, SS, DOE, Sintered, etc)

OPTIONS

- ▶ Hinged cover or davit assembly for easier maintenance
- ▶ Drain/Vent Valves
- ▶ D. P. Toppings / Gauge
- ▶ Steam jacket for highly viscous fluids
- ▶ Rotated or offset nozzle placement
- ▶ High pressure capabilities
- ▶ Coatings and linings available upon request

BAG FILTER HOUSINGS



SUITABLE FOR BAG DIMENSIONS

- ▶ Dia 4" x 10" long Bag filter
- ▶ Dia 4" x 17" long Bag filter
- ▶ Dia 7" x 17" long Bag filter
- ▶ Dia 7" x 32" long Bag filter

FEATURES

- ▶ Highly durable SS 304/SS 316 material.
- ▶ Positive sealing arrangement to avoid by passing.
- ▶ Lower pressure drop & high flow rates.
- ▶ Multiple bag filter/duplex bag filter unit designs available.
- ▶ Housings can be designed for custom bag size.

FILTER ELEMENTS



• Stainless steel wire mesh filter elements for T type, Y type and basket strainers.

• Filter elements for already existing housings can be manufactured as per your drawings.

FILTRATION SYSTEMS

- Trolley mounted bag filters.
- Mobile filtration systems with pump, pressure gauge and FRL.
- Custom made filtration systems as per your specifications can be designed and manufactured.



WORKS

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