

SM INDUSTRIAL CONTROLS



Just Make Difference...

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We proudly introducing the most comprehensive range of the new generation SM STRAINERS & BETA FCU Brass Ball Valve sets to the market. It sums up fifteen years of experience of developing and producing HVAC Strainers to establish higher standard of performance compatibility with the state of the art technology. Now these days with some unique features for longer service life. The concept of launching the new product line is to give more benefits, reduce pipeline accidents and increase value and performance to the customers by quality manufacturing with enormous efforts and manpower invested by the team of dedicated staff of SM Industrial Controls.

SM 'Y' STRAINER

SM Y TYPE pipe line strainers are manufactured in a wide variety of sizes & pressure ratings to fit various pipe line straining requirement in field of HVAC Oil & Gas etc and cover all specific needs of straining.

Features

- Stylish and modern design shot ballasted sand casted.
- Full bore from both inlet & outlet to minimize pressure drop.
- Basket covers are fitted with studs and nut bolts from 5" and above sizes and screw bonnet up to 4" and below sizes.
- Screen supports are made precisely for the guidance in cover and basket.
- Provided with permanent magnets to attracts iron particles.

Availability

In various material of construction namely Cast Iron/ Mild Steel/ Bronze/SS

Size

- 15 mm to 50 mm Screwed end /Flanged end connection
- 65 mm to 300 mm Flanged end connection
- Pressure rating Available
200PSI/300 PSI ASA150/ISI657 /BS 4504





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SM Pot STRAINER

SM Pot Strainers are manufactured in a wide variety of required specifications, Temperature/Pressure ratings to meet straining requirements in the field of HVAC, Oil, Fire Fighting etc.

Application

These strainers are used in industrial use and recommended for the HVAC systems, petro chemicals, textile, agriculture fire fighting etc. Ideally to prevent the costly system from sediments and impurities and cover all need of straining specifically.

Features

- Full size capacity flow though full size inlet/outlet connection with large free flow filtration area to minimize pressure drop and screen clogging problems.
- The bonnet is connected to body with nuts or studs to access the filter basket easily.
- Drain plug is provided in the bottom to clean the sediments without opening the strainer.

Availability

These pot strainers are available in normal and SSPL specification series.

- Normal Sizes 40 mm to 300mm
- SSPL Size 50mm to 600mm
- Pressure rating 200psi/300 psi
- Flanges ASA150/IS:1657/BS10 Table D/Table E





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SM SUCTION GUIDE

Suction Guides are designed to use directly to mount on the suction side of pump to prevent, the System and costly components from hazardous foreign particles & Water impurities and reduce fittings, while minimizing the use of space. These are manufactured in wide variety of size specifications, Temperature/Pressure Rating to meet specific requirement of straining application in the water line.

Application

- SM Suction Guides are designed for the following application:
 - ▶ 90° Elbow
It can be mounted on any pump suction & turn the piping 90° replacing an elbow and in addition, these can be rotated in other directions by the bolt adjustments.
 - ▶ In Line Strainer
Excellent replacement of the conventional strainer with 250% free filtration area of the pipe section with disposable fine mesh SS/Brass filter.
 - ▶ Reducing Elbows
Suction Guides can be used for the same size inlet & outlet as well as with one size Larger inlet eliminating reducing elbow.
 - ▶ Guide Vanes
Flow stabilizing guide vanes on the outlet allow the system to bolt directly with pump and save space and cost of pipe.

Features

- Cast Iron/MS Body with table E or BS4504 Flanged end connections.
- Stainless Steel Strainer with fine Brass/SS Start up filter with a filtration area 4 times to the normal 'Y' Strainer.
- Flow Straightener with flow stabilizing guiding Vanes on the outlet of suction guide to bolt directly with the pump saving the space and cost of long.
- Straight pipe length and reduce cost of elbows & Pipes.
- Its optimum flow conditions provided as the outlet reduce turbulence to reduce stress from all the sediments / foreign particles which can flushed out thru drain plug.
- Available for both 10 bar & 16 bar operating pressure as per requirement.



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Design, Dimensions & Data specifications is subject to change without notice as products improvement is a continuous process.