



POT STRAINER

With Automatic Backwash System

Series : SI-1001/BW

S.I (SI-1001/BW) Series **Pot Strainers** with Auto Backwash system are manufactured in a wide variety of required specifications, Temperature / Pressure Rating & different types to meet specific requirement of Straining application in the HVAC System Water Line, Oil Field, Agriculture, *etc.*

FEATURES

a. Eliminating a regular clean up process.

b. Maintain constant system pressure drop.

c. The strainer body have two separate chambers properly sealed to avoid mixing of filtered and unfiltered water, provided with two drain pipes at the bottom and side of the chambers to flush out sediment and foreign particles.

d. For cleaning of the strainer filter, a Nylon Brush/Nylon Rod is provided along with strainer filter, which is connected with centric shaft and is operated electrically by motorized Gear box. This arrangement is to avoid frequent opening of the pot strainer for cleaning of filter element.

e. The tangential entry of water shall create a centrifugal action and due the velocity shall separate sediment in outer chamber and remaining deposit at the bottom of the inner chamber. A core with sufficiently large drain pipe with ball valve is provided at the bottom of both the chambers to flush out foreign particles and sediments.



PIC-P-1

APPLICATION

S.I. Backwash Pot strainers ideal for HVAC cooling Tower systems, process and Hydronic Heating and cooling systems, petrochemical Industries, Hotels, Malls, Multi-story Buildings *etc.*

INSTALLATION

S.I. Backwash Pot Strainers can be mounted on the main line of the system followed by flow direction.

CONSTRUCTION FEATURES

Body available in Mild Steel / Stainless Steel with Brass / Bronze / Stainless Steel Filter Screen.

AVAILABLE SIZES

S.I. Backwash Pot Strainers are available in various sizes Starting from 50mm upto 1000mm Flanged End Connection only.

QUALITY CONTROL

All the Raw Material used in the construction of these Strainer are produced from highest quality material and subject to stringent quality control. Each and every Strainer is Pressure tested prior to leaving factory.