

Permanent Strainer-Basket**Product Coding**
P4103XXXXXX**Introduction**

Basket type is typically used in applications where a low level of contaminants is expected. These strainers can be installed in either a vertical or horizontal orientation, depending on the specific design. Regardless of the configuration, all permanent strainers must include a housing and a removable filtration element that allows for cleaning or replacement without needing to disconnect the strainer from the pipeline. Basket type strainers are used when a larger filtration area or higher debris-holding capacity is needed within the same pipeline size, allowing for longer intervals between cleanings. The filter element is a cylindrical basket made of V-wire screen supported by a perforated plate. The housing is designed as a pressure vessel based on pressure drop and filtration velocity requirements.

Specifications

- Perforations from 1/32" to 1/2"
- Mesh from 20# to 400#
- Material AISI 304/304L/316/316L/Monel
- Full cylinder, slanted cylinder, conical
- Curved handle or eye bolt

Features

- High filtration area
- Excellent debris-holding capacity
- Suitable for systems with heavy particulate loads
- Usually installed horizontally
- Long service intervals
- High flow cooling water unit
- Steam or high temperature unit
- Recommended for non-corrosive fluids

Applications

- Water treatment
- Petrochemical and oil/gas
- Pulp and paper industry
- Agriculture and irrigation
- Mining
- HVAC and cooling water systems



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