

Vessel customization

Custom sizes of strainers housing and basket dimensions are available to meet client specific requirements or flow / process conditions.

Both the Series S and Series D range of Basket Strainers can be furnished in –

Self draining: The internals are arranged such that in shut down / isolation conditions the handled product is caused to naturally drain through the outlet connection.

Hi flow: In place of a standard basket arrangement, the use of a pleated screen is adopted that maximizes the surface area of media that the handle product interacts with thereby minimizing the pressure loss throughout the vessel.

Basket Material

The main basket assembly can be supplied in wide range of materials including, Stainless steel 304 & 316 grades, Monel, Hastelloy C and Alloy 20

Basket Perforations

Standard available perforation include: 1/16", 3/32", 1/8", 3/16", 1/4", 5/16"

Special perforation size and wedge wire screens available on request

Mesh Linings

Mesh linings can be added to the basket assembly to permit retention of smaller size particles with standard mesh options ranging from 10 to 300 mesh (0.075" to .0018").

Housing material of construction

Standard material of construction for Series S and D Basket strainers is carbon steel but both designs can be manufactured from alternate materials in accordance with client specifications.

Design Code

As standard the ANSI B31.4 design code is adopted for the construction of the Series S and D Basket Strainers. On client request, the use of either ANSI B31.8 or ASME VIII Div 1 'U' stamp can be adopted.

Access Cover

Both the Series S and Series D range of Basket Strainers can be furnished with either Bolted Blind Covers or Quick Opening Closures for access to the basket assembly. Several designs of Quick Opening Closures are available including Threaded, Clamp Ring and Band Locking styles depending on client specific requirements.

Bolted covers can be furnished as either hinge, with lifting eye or with davit assembly depending on the client preferences. QOC's are furnished with the proprietary support device.

Ancillary Connections

Vent and drain connections can be supplied as Threaded NPT, Socket Weld or Flanged and sized per client specific piping requirements. Additional connections for DP, Air Release Vents etc. are also available upon request.

Support

The Series S and Series D Basket Strainers can be furnished with or without support base per the clients' requirements. Support structure options include the supply of support legs (3 or 4 depending on vessel capacity), skirt base or skid / structural support base.