



AN SPX BRAND



Fabricated Single Strainer

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This range of fabricated single basket strainers is designed to complement the cast simplex filters for larger pipe sizes. The welded construction allows units to be designed for any application with respect to flow, pressure, material requirements and design code. Vessel configuration and closure can be arranged to suit client preferences and a range of standard designs are available.

Features

- Welded steel single basket filter units designed to increase the capacity and maximum pipe size available in the cast product range
- Fabricated design allows options of bolted or quick release covers to be selected and easy adaptation to suit customer requirements for materials and design conditions
- Sizes from 6" to 20" NB flanged or butt weld connections.
- Materials fabricated from carbon steel and standard or stainless steel to special order, all fitted with baskets and inserts as required

Options

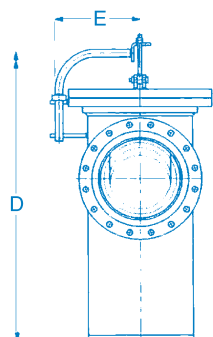
- Construction to PD5500, ASME VIII
Body materials — stainless steel or special alloys
- Suitable for any pressure or pipe size
- Various quick release cover designs available
- Custom design to suit requirements



SPX[®]

Specifications	
Design Pressure	10 BARG @ 38°C
Corrosion Allowance	1.6mm
Flanges	ASME B16.5 150RF or BS4504 PN 10
Design Code	Commercial Standard
Test Pressure	15 BARG

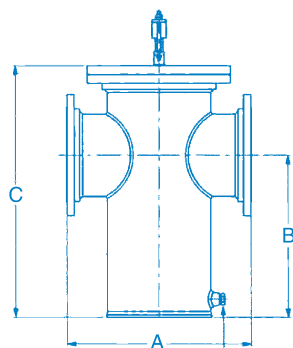
Typical Materials of Construction (or equivalent, depending on availability)	
Body & Branches	ASTM A106 GRB
Flanges	ASTM A105
Flat Plate	ASTM A516 GR60



Dimensions

Coarse Strainers (Basket area 7 times pipe cross sectional area)

Size		A	B	C	D	E	Typical Water Flow (M ³ /hr)
In	mm	mm	mm	mm	mm	mm	
8"	200	600	420	703	1290	309	390
10"	250	650	665	1000	1910	340	430
12"	300	700	665	1055	1975	405	735
14"	350	750	665	1055	1975	405	765
16"	400	900	765	1185	2270	430	970
18"	460	1000	825	1275	2390	500	1340



Fine Strainers (Basket area 9 times pipe cross sectional area)

Size		A	B	C	D	E	Typical Water Flow (M ³ /hr)
In	mm	mm	mm	mm	mm	mm	
8"	200	600	420	703	1290	309	390
10"	250	650	665	1000	1910	340	430
12"	300	700	665	1055	1975	405	735
14"	350	750	765	1185	2270	430	920
16"	400	900	825	1275	2390	500	1208

Alternative Dimension for Unit with Hinged T Bolt Closures

Size		Coarse Strainer			Fine Strainer		
In	mm	C	D	E	C	D	E
		mm	mm	mm	mm	mm	mm
8"	200	820	1290	309	820	1290	309
10"	250	1025	1910	340	1025	1910	340
12"	300	1080	1975	405	1080	1975	405
14"	350	1120	1975	405	1120	2270	430
16"	400	1120	2270	430	1327	2390	500
18"	460	1327	2390	500	Details on Application		

* Typical water flow which results in clean pressure drop of 0.2kg/cm² (3PSI).

SPX
FLOW CONTROL

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For more information about our worldwide locations, approvals, certifications, and local representatives, please visit www.plentyfiltration.net.

SPX Corporation reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing.

