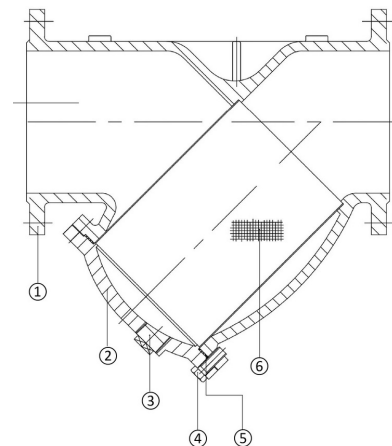


K-901-U**Y-STRAINER**
Flanged Ends**PRODUCT DESCRIPTION**

General	Used to prevent clogging in Automatic Sprinkler Systems and various Spray Systems
Standard	Comply with UL 321 standard
Size	2½" to 12" [DN65 to DN300]
Pressure Rating	175 psi [12 Bar]
End Connection	Flanged to ANSI B16.1 Class 125, Flat Face
Coating	Fusion Bonded Epoxy Coated comply with AWWA C550
Features	Recessed seat in body ensure accurate Screen alignment Stainless Steel Screen with 60 degree staggered round holes
Approvals	UL Listed

**MATERIAL SPECIFICATIONS**

No.	Part Name	Material
1	Body	Cast Iron A126 Grade B
2	Cover	Cast Iron A126 Grade B
3	Plug	Malleable Iron A47 Grade 22010
4	Body/Cover Bolts	Stainless Steel F593 Grade 304
5	Body/Cover Gasket	PTFE/Graphite Commercial
6	Screen	Stainless Steel A276 Grade 304

**SCREEN DETAILS**

Strainer Size	Hole Diameter		Free Flow Area Opening
	in.	mm	
2½"	0.12	3.0	53.60%
3"	0.17	4.3	55.43%
4"	0.17	4.3	55.43%
6"	0.24	6.0	63.00%
8"	0.24	6.0	63.00%
10"	0.24	6.0	63.00%
12"	0.25	6.3	40.70%

PRESSURE DROP

Strainer Size	Pressure Drop (psi)*
2½"	8.30
3"	12.20
4"	7.20
6"	7.30
8"	4.66
10"	5.40
12"	8.10

Measured at 15 FPS [4.57 m/s]

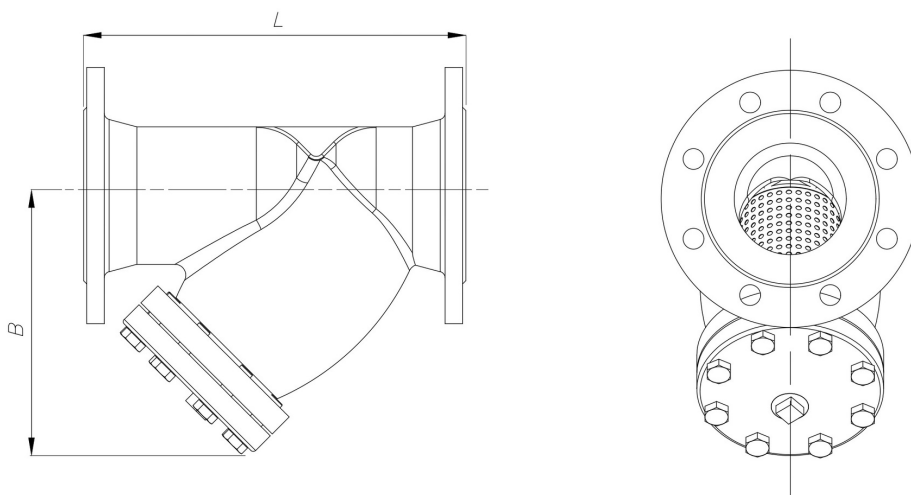
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K-901-U**Y-STRAINER**

Flanged Ends

**DIMENSIONS**

Strainer Size	L		B		Plug Size	
	in.	mm	in.	mm	in.	mm
2½"	10.8	273	5.5	140	1"	25.4
3"	11.6	295	8.0	203	1"	25.4
4"	13.9	352	9.5	240	1"	25.4
6"	18.5	470	12.0	305	1½"	38.1
8"	21.4	543	16.1	410	1½"	38.1
10"	26.0	660	18.9	480	2"	50.8
12"	30.3	770	22.0	560	2"	50.8

**WEIGHTS**

Valve Size		2½"	3"	4"	6"	8"	10"	12"
Weight	lb.	30.9	38.1	70.6	137.8	237.0	385.8	557.8
	kg	14.0	17.3	32.0	62.5	107.5	175.0	253.0



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