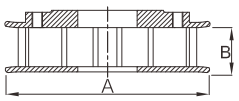
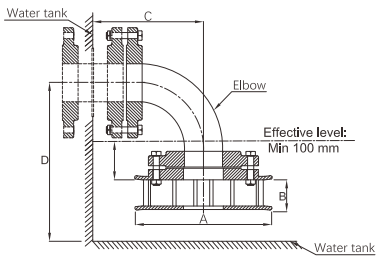
Vortex inhibitor (Anti-vortex plate)

Vortex inhibitor is equipped at the inlet of suction pipe of suction tank. It reduces vortices and dead water area, minimizes the air entrainment into the pump pipeline, so to ensure the pump & tank working at its max efficiency.



- Certificate: ISO
- Standard: EN 12845, NFPA 20 / 22, GB 50974
- Material: SS 304, SS 316, etc.
- Connection: Flanged as ANSI B16.5 Class 150, EN 1092-1 PN16
- Media: Potable water, wastewater, oil, weak acid/alkali solutions
- W. pressure: 300 psi
- Effective level: Min 100 mm
- Installation: Up and down, both available
- Surface: Rough SS / red painting





Available Size (Without accessories)

Size		Dimension (mm)				Accessories	Connection	Working pressure (psi)	Ref. No.
Inch	DN	A	B	C	D				
2"	50	216	55	300	180	/	Class 150 / PN16	300	U6101
2-1/2"	65	222	55	300	185	/	Class 150 / PN16	300	U6102
3"	80	230	55	310	194	/	Class 150 / PN16	300	U6103
4"	100	425	60	412	244	/	Class 150 / PN16	300	U6104
6"	150	620	95	512	343	/	Class 150 / PN16	300	U6105
8"	200	795	115	614	487	/	Class 150 / PN16	300	U6106
10"	250	1030	130	715	535	/	Class 150 / PN16	300	U6107
12"	300	1230	155	816	650	/	Class 150 / PN16	300	U6108
14"	350	1232	191	1045	833	/	Class 150 / PN16	300	U6109
16"	400	1232	191	1180	925	/	Class 150 / PN16	300	U6110
18"	450	1232	209	1210	1026	/	Class 150 / PN16	300	U6111
20"	500	1232	209	1300	1130	/	Class 150 / PN16	300	U6112

Vortex inhibitor (Anti-vortex plate)

Available Size (Without accessories)

Size		Dimension (mm)				Accessories	Connection	Working pressure (psi)	Ref. No.
Inch	DN	A	B	C	D				
24"	600	1400	400	1510	1250	/	Class 150 / PN16	300	U6113
28"	700	1500	400	1767	1467	/	Class 150 / PN16	300	U6114

Note: For flanged connection, it is available with ANSI B16.1 Class 125 / 250, B16.42 Class 150 / 300, EN 1092-2 PN10 / PN16 / PN25, etc.

Available Size (Assembly, with accessories)

Size		Dimension (mm)				Accessories*	Connection	Working pressure (psi)	Ref. No.
Inch	DN	A	B	C	D				
2"	50	216	55	300	180	Yes	Class 150 / PN16	300	U6121
2-1/2"	65	222	55	300	185	Yes	Class 150 / PN16	300	U6122
3"	80	230	55	310	194	Yes	Class 150 / PN16	300	U6123
4"	100	425	60	412	244	Yes	Class 150 / PN16	300	U6124
6"	150	620	95	512	343	Yes	Class 150 / PN16	300	U6125
8"	200	795	115	614	487	Yes	Class 150 / PN16	300	U6126
10"	250	1030	130	715	535	Yes	Class 150 / PN16	300	U6127
12"	300	1230	155	816	650	Yes	Class 150 / PN16	300	U6128
14"	350	1232	191	1045	833	Yes	Class 150 / PN16	300	U6129
16"	400	1232	191	1180	925	Yes	Class 150 / PN16	300	U6130
18"	450	1232	209	1210	1026	Yes	Class 150 / PN16	300	U6131
20"	500	1232	209	1300	1130	Yes	Class 150 / PN16	300	U6132
24"	600	1400	400	1510	1250	Yes	Class 150 / PN16	300	U6133
28"	700	1500	400	1767	1467	Yes	Class 150 / PN16	300	U6134

Note:
1. * Anti-vortex plate assembly with accessories: Includes the anti-vortex plate, a long radius 5D elbow, two (2) mating slip-on flange, two (2) sets of mating fasteners (bolt, nut, washer), and two (2) mating gaskets. And the accessories are available supplied either as a complete set or partially.
2. For flanged connection, it is available with ANSI B16.1 Class 125 / 250, B16.42 Class 150 / 300, EN 1092-2 PN10 / PN16 / PN25, etc.
3. It can be customized as per customer request.