

Features

- Should be used whenever it is essential that fluid be free of foreign solid matter
- Assure proper flow and prevent damage to valves, controls, and other equipment

Construction

Forged Brass and Stainless Steel Bodies

Rugged, self-cleaning "Y body" strainers have easily removed strainer of perforated stainless steel or wire mesh. Free hole area shown in table is total of all openings. Suitable for air, water, oil, and steam.

Plastic Body (Acetal)

Straight-through flow with large area orifice. Strainers can be easily removed and back flushed. Suitable for air and water.



Installation

May be mounted in any position, but should be located on the inlet side of the valve, as close to it as possible.

Specifications (English units)

Pipe Size (ins.)	Cv Flow Factor	Screen Mesh Size ③	Total Free Hole Area (in. ²)	Particle Retention Size ③		Blow-Off Pipe Size (ins.)	Max. Fluid Temp. °F ⑤	Safe Working Pressure (psi) ⑤	Catalog Number	Const. Ref.	Dimensions (ins.)	
				Microns	Inches						A	B
PLASTIC BODY (CA) with Stainless Steel Strainer Element and NBR Seals												
①	.50	80x80	.116	178	.007	--	130	50	8604 004	1	②	②
① ④	.50	80x80	.116	178	.007	--	130	175	8604 002	1	②	②
FORGED BRASS BODY with Stainless Steel Strainer Element and PTFE or FPM Seals ⑧												
1/8	1	60x60	.325	155	.0061	--	400	750	8600A001 ⑥ ⑦	2	1 11/32	2
1/4	1.7	60x60	.325	155	.0061	--	400	750	8600A002 ⑥ ⑦	2	1 11/32	2
3/8	1.9	100x100	.35	140	.0055	--	400	750	8600A013 ⑥	2	1 5/8	1 29/32
1/2	2.6	100x100	.50	140	.0055	--	400	750	8600A014 ⑥	2	1 13/16	2 9/32
3/4	4.7	100x100	.75	140	.0055	--	400	750	8600A015 ⑥	2	2 3/32	2 3/4
STAINLESS STEEL BODY with Stainless Steel Strainer Element and PTFE Seals												
3/8	2.1	60x60	.23	250	.0098	1/4	450	1500	8601 004	2	1 27/32	1 29/32
1/2	3	60x60	.35	250	.0098	1/4	450	1500	8601 005	2	2	2 9/32
① 1/4" O.D. compression connection. Fittings are not supplied. To order, refer to List Price Schedule.							⑤ Metal body strainers are rated for steam at 250 psi maximum pressure and 406°F maximum temperature. ⑥ UL recognized component. ⑦ Strainer supplied with FKM seal.					
② See dimensions.												
③ Other mesh sizes may be available; <i>consult ASCO</i> .												
④ Where pressure exceeds 50 psi, it is advisable to use hose or tubing clamps.												

Specifications (Metric units)

Pipe Size (ins.)	Kv Flow Factor (m3/h)	Screen Mesh Size ③	Total Free Hole Area (mm²)	Particle Retention Size ③		Blow-Off Pipe Size (ins.)	Max. Fluid Temp. °C ⑤	Safe Working Pressure (bar) ⑤	Catalog Number	Const. Ref.	Dimensions (mm)	
				Microns	Inches						A	B
PLASTIC BODY (CA) with Stainless Steel Strainer Element and NBR Seals												
①	.43	80x80	75	178	.007	-	54	3	8604 004	1	②	②
① ④	.43	80x80	75	178	.007	-	54	12	8604 002	1	②	②
FORGED BRASS BODY with Stainless Steel Strainer Element and PTFE or FPM Seals ⑧												
1/8	.86	60x60	210	155	.0061	-	204	52	8600A001 ⑥ ⑦	2	34	51
1/4	1.5	60x60	210	155	.0061	-	204	52	8600A002 ⑥ ⑦	2	34	51
3/8	1.6	100x100	226	140	.0055	-	204	52	8600A013 ⑥	2	41	48
1/2	2.2	100x100	323	140	.0055	-	204	52	8600A014 ⑥	2	46	58
3/4	4.0	100x100	484	140	.0055	-	204	52	8600A015 ⑥	2	53	70
STAINLESS STEEL BODY with Stainless Steel Strainer Element and PTFE Seals												
3/8	1.8	60x60	148	250	.0098	1/4	232	103	8601 004	2	47	48
1/2	2.6	60x60	226	250	.0098	1/4	232	103	8601 005	2	51	58
① 1/4" O.D. compression connection. Fittings are not supplied. To order, refer to List Price Schedule.							⑤ Metal body strainers are rated for steam at 17 bar maximum pressure and 208°C maximum temperature. ⑥ UL recognized component. ⑦ Strainer supplied with FKM seal.					
② See dimensions.												
③ Other mesh sizes may be available; <i>consult ASCO</i> .												
④ Where pressure exceeds 3.4 bar, it is advisable to use hose or tubing clamps.												

Dimensions inches (mm)

