

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series 8000F/8000G Stainless Steel Flanged and Grooved Strainers

Sizes: 2½" – 12" (65 – 300mm)

Series 8000F/8000G Stainless Steel Strainers are lightweight, fabricated wye-pattern strainers designed to remove dirt and other debris from fluid systems. A simple cover and coupling permits easy removal of dirt from the strainer's stainless steel screen, or replacement of the screen. The 8000F/8000G features Lead Free* construction to comply with Lead Free* installation requirements.

Features

- 304 stainless steel body exhibits superior corrosion resistance compared to cast iron; eliminates casting porosity problems, complies with NSF 61 and FDA requirements.
- 50% lighter than cast iron valves, reducing handling and installation equipment costs.
- Lead-free construction
- Single, two-bolt, grooved style cover provides quick and easy access, saving disassembly/assembly time.
- Screen retainer cover is tapped for strainer clean out by opening a blow-off valve, or the standardly furnished closure plug.

Specifications

Strainer shall be installed where indicated on the plans to remove dirt and other debris from fluid system. Lead Free* Stainless Steel Strainers shall be constructed using Lead Free* materials. Lead Free 8000F/8000G shall comply with state codes and standards, where applicable, requiring reduced lead content. Strainer shall be an Ames Fire & Waterworks Series 8000F (flanged ends) or 8000G (grooved ends).

**8000F
(Flanged)****8000G
(Grooved)**

Materials

Body: 304 stainless steel, ASTM A-312

Flanges: zinc-plated, ASTM A-36 carbon steel

Cover: 304SS sizes 6", 8", 10" (150, 200, 250mm); ductile iron sizes 2½" – 4" and 12" (65 – 100, 300mm); epoxy coated ductile iron sizes 2½" – 4" and 12" (65 – 100, 300mm) on FDA models

Cover Gasket: EPDM, ambient to 150°F (66°C)

Grooved Coupling: ductile iron, ASTM A-536

Bolts: heat treated (SAE J-429) steel, ASTM B-633

Nuts: heat treated (SAE J-429) steel, ASTM B-633

Plug: brass, ASTM B-584

Screen: 304 stainless steel, ASTM A-276

*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

Ames Fire & Waterworks product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Ames Fire & Waterworks Technical Service. Ames Fire & Waterworks reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Ames Fire & Waterworks products previously or subsequently sold.



AMES
FIRE & WATERWORKS
A WATTS Brand

Series 8000F/8000G

Pressure – Temperature

WOG: 200 psi @ 150°F (13.8 bar @ 66°C)

Standards

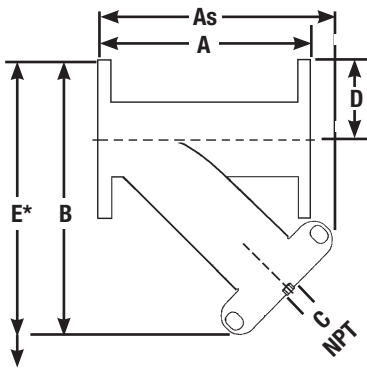
Dimensions and drilled flange holes conform to ANSI B16.1, Class 125 cast iron and Class 150 cast steel flanges.

Standard Screens

Size		Standard Screen Openings
inches	mm	
2½ – 5	65 – 125	¼" (2mm) perforation
6 – 8	150 – 200	⅜" (3mm) perforation
10 – 12	250 – 300	½" (5mm) perforation

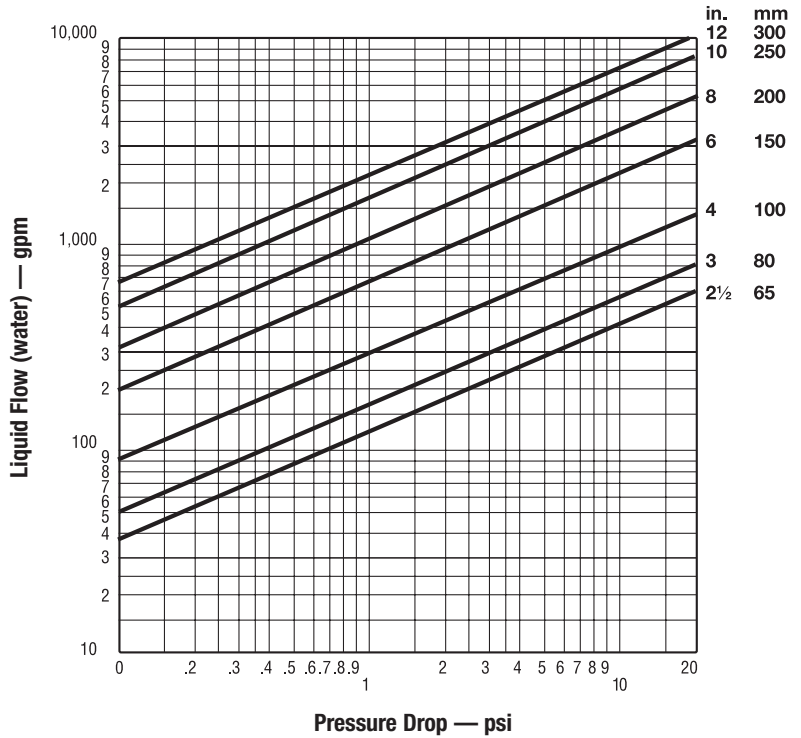
Screen material is stainless steel.

Dimensions – Weights



Flow Capacity Flanged and Grooved

The flow coefficient (Cv) is the number of gallons per minute of water flowing through a given size restriction at a pressure drop of one psi. To obtain the Cv factor for a given size strainer, read capacity at intersection with the one (1) psi pressure drop.



Note: To convert gpm to lpm, multiply by 3.785.
To convert psi to bars, multiply by .069.

Size (NPS)		Dimensions						E*		Weights					
in.	mm	A	As	B	C (NPT)	D	Screen removal	lbs.	kgs.						
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm						
Series 8000F Flanged															
2½	65	10	254	11⅜	284	12⅛	329	½	13	3½	89	17⅞	446	21	9.5
3	75	10½	257	11⅞	281	13	330	½	13	3¾	95	18½	470	26	11.8
4	100	12⅝	308	14⅜	360	15¾	400	½	13	4½	114	23	584	33	15.0
6	150	18½	470	20⅜	513	21⅛	541	½	13	5½	140	31¼	794	70	31.8
8	200	21⅝	549	24⅜	624	26⅝	670	¾	19	6¾	171	39⅞	992	91	41.3
10	250	26	660	32⅜	818	32⅛	830	¾	19	8	203	49	1245	134	60.8
12	300	29⅞	759	35½	902	37⅝	949	¾	19	9½	241	56⅞	1437	225	102.1
Series 8000G Grooved															
2½	65	9½	241	11⅜	284	10¼	260	½	13	1½	38	15⅞	395	21	9.5
3	80	9⅝	244	11⅞	281	11¼	286	½	13	2⅛	52	16¾	425	26	11.8
4	100	11⅝	295	14⅜	360	13⅞	344	½	13	2¼	57	20¾	527	33	15.0
6	150	18	457	20⅜	513	19⅞	487	½	13	3⅝	86	29⅞	740	70	31.8
8	200	21⅝	537	24⅜	624	24	610	¾	19	4⅝	111	36⅞	932	91	41.3
10	250	25½	648	32⅜	818	30⅝	765	¾	19	5⅞	138	46⅞	1180	134	60.8
12	300	29⅞	746	35½	902	34⅞	872	¾	19	6⅞	164	53½	1360	225	102.0

*E dimension is minimum clearance for screen removal.



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USA: Backflow Tel: (978) 689-6066 • Fax: (978) 975-8350 • AmesFireWater.com
USA: Control Valves Tel: (713) 943-0688 • Fax: (713) 944-9445 • AmesFireWater.com
Canada: Tel: (905) 332-4090 • Fax: (905) 332-7068 • AmesFireWater.ca
Latin America: Tel: (52) 81-1001-8600 • AmesFireWater.com