MODEL 758G

Grooved-End "Wye" Strainer

SERVICE RECOMMENDATIONS

For use in water, oil and gas piping to provide economical protection for pumps, meters, valves, compressors, traps and similar equipment.

SCREENS

Standard screens for Y-Strainer are perforated 304 Stainless Steel with spot welded seam. Mesh lining is available in all alloys for extra fine straining. Recommended standard perforations are listed below in the material specifications.

GRUVLOK STRAINER BASKET

Furnished as standard in sizes 8" (43 mm) and larger.
A one-quarter turn securely locks the screen in its seat and frees the serviceman for securing the cover flange to the body of the strainer.
Contact an Anvil Representative for other applications.

CONSTRUCTION

All covers have an NPT blowoff outlet at location "C". A recessed seat in the cover ensures accurate screen alignment. Bosses at the inlet and outlet flanges are provided for gauge taps.

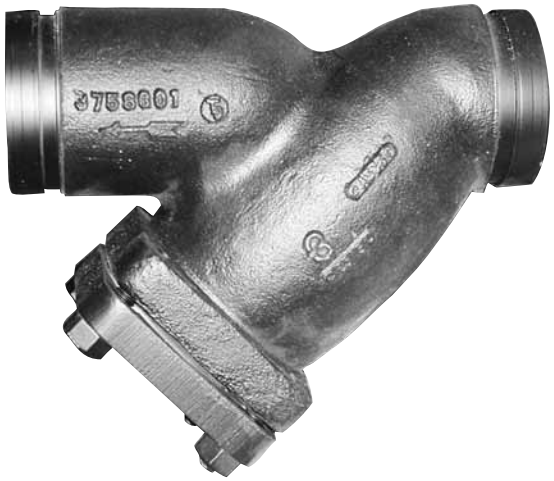
Self-cleaning is done by opening the valve or plug connected to the blowoff outlet. (When ordering, advise when strainers are to be mounted in vertical piping, the cover can be rotated to position the blowoff at the lowest point.)

BLOWOFF OUTLETS

Tapped NPT size specified in the dimension table. Blowoff outlets are not normally furnished with plugs.

INDIVIDUALLY HYDROSTATICALLY TESTED

Working Pressures Non-Shock
640 PSI @ 150°F (45 Bar @ 65°C)



MATERIAL SPECIFICATIONS

BODY & COVER: Ductile Iron ASTM A 395 Grade 60-40-18

FLAT GASKETS: Non-asbestos

SCREEN:
2" - 4" Type 304 Stainless Steel 1/16" (1.6mm) dia. holes (12 mesh)
5" - 12" Type 304 Stainless Steel 1/8" (3.2mm) dia. holes (6 mesh)
Special order screen option: 2" - 8" – 16 mesh / 10" - 12" – 12 mesh

COUPLING: Ductile iron ASTM A 536 Grade 65-45-12

PROJECT INFORMATION	APPROVAL STAMP
Project:	☐ **Approved**
Address:	☐ **Approved as noted**
Contractor:	☐ **Not approved**
Engineer:	**Remarks:**
Submittal Date:	
Notes 1:	
Notes 2:	

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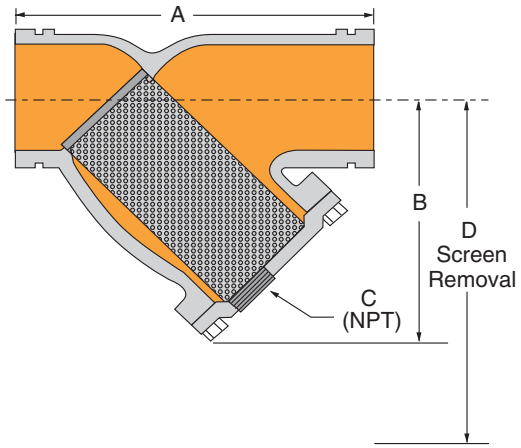

FIGURE 758 G GROOVED-END "WYE" STRAINER

Nominal Size	O.D.	Dimensions				Approx. Wt. Each
		A	B	C Plug Size	D	
In./DN(mm)	*In./mm*	*In./mm*	*In./mm*	*In./mm*	*In./mm*	*Lbs./Kg*
2 *50*	2.375 *60.3*	7⅞ *200*	5¼ *133*	½ *25*	7 *178*	12.0 *5.4*
2½ *65*	2.875 *73.0*	10 *254*	6½ *165*	1 *25*	9¾ *248*	18.0 *8.2*
3 *80*	3.500 *88.9*	10⅛ *257*	7 *178*	1 *25*	10 *254*	23.0 *10.4*
4 *100*	4.500 *114.3*	12⅛ *308*	8¼ *210*	1½ *38*	12 *305*	42.0 *19.1*
5 *125*	5.563 *141.3*	15⅝ *396*	11¼ *286*	2 *51*	17 *432*	80.0 *36.3*
6 *150*	6.625 *168.3*	18½ *470*	13½ *343*	2 *51*	20 *508*	112.0 *50.8*
8 *200*	8.625 *219.1*	21⅝ *549*	15½ *394*	2 *51*	22¾ *577*	205.0 *93.0*
10 *250*	10.750 *273.1*	25¾ *654*	18½ *470*	2 *51*	28 *711*	277.0 *125.6*
12 *300*	12.750 *323.9*	30 *762*	21¾ *552*	2 *51*	30 *762*	470.0 *213.2*

* Maximum working pressure is based upon the performance capability of the Gruvlok® Strainer. Maximum system working pressure is dependant upon the couplings used for installation and the pressure capacity of other system components.

Not for use with copper systems.

FLOW DATA:

NOTE 1. Most U.S. piping engineers specify system startup instructions for new systems which include removing the pre-filter screen after system flushing of the main piping before the system is put into normal operation. Flow data values are based on flow of clean water at ambient temperatures. The pressure drop across the diffuser basket strainer, 50% clogged, is approximately twice as great as that of a clean strainer.

NOTE 2. Suction Diffuser baskets need a routine maintanence program to maintain system efficiency.