

STAINLESS STEEL VALVES

Class 600 Stainless Steel Y-Strainer – “V” Series

WYE

Description

This specification covers Stainless Steel Strainers used in piping applications as determined by Engineering as a function of what is being transported in the system, pressure ratings, temperature of material and line pressure.

Specifications

Stainless Steel Strainers (Y-Pattern) provided by Merit Brass Co. are designed with a working pressure of 600 psi, up to 350° F. The housing shall conform to ASTM A351 CF8M (316 SS) with PTFE seals securing a stainless steel (SUS316) screen. This product is suitable for above ground applications.



Size Range

- 3/8" – 3"

Ends

- NPT

Project Information	Approval Stamp
Project Name:	Approved
Project Location:	Approved As Noted
Project Contractor:	Not Approved
Project Engineer:	Remarks:
Project Distributor:	
Project Rep:	
Submittal Date:	
Notes 1:	
Notes 2:	

For the Master Carton (Box) Quantity List, please visit meritbrass.com. Some items not shown may be available upon request. Some items and sizes may be discontinued when stock is depleted and may require a minimum order quantity. Certain inventory limitations may apply. For list prices in Excel, please download by logging onto meritbrass.com. Contact our Sales Team for details at contactus@meritbrass.com. Every precaution has been taken in preparing this submittal, however, Merit Brass Company cannot be held responsible for typographical errors or omissions.

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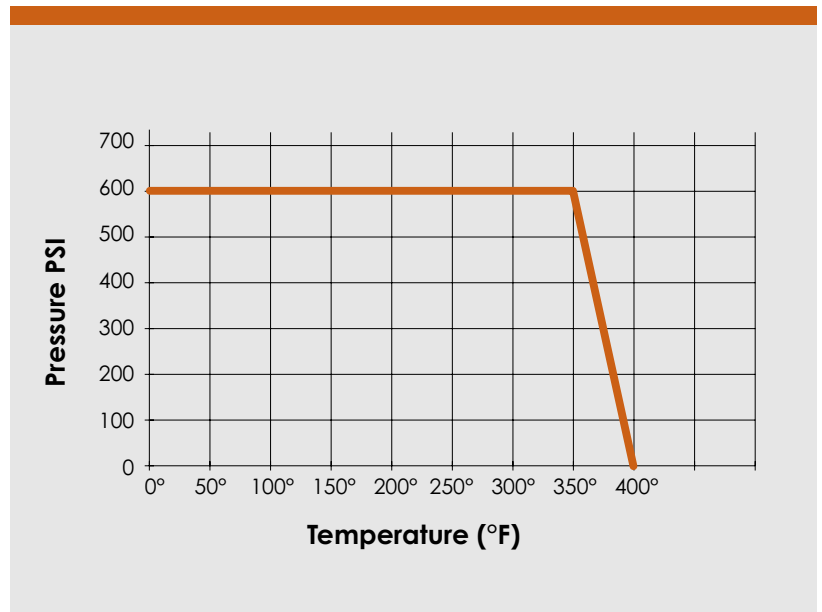
Applicable Standards

- Design: ASME B16.34
- Testing: API 598

Design Features

- 600 PSI Working Pressure at 350°F

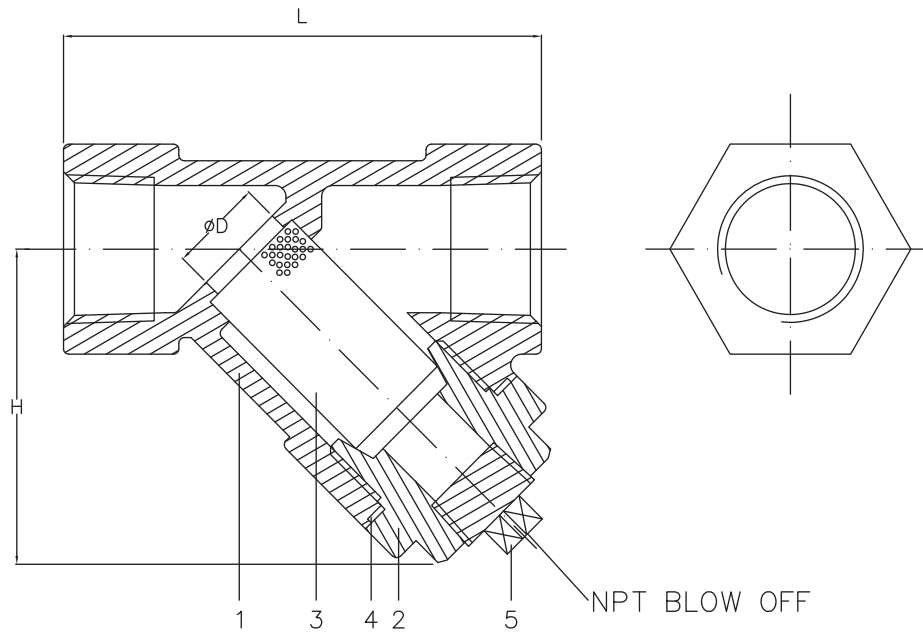
Size	Cv	Weight (Lbs)	Port (In)
3/8"	2.5	0.68	0.35
1/2"	3.5	1.07	0.55
3/4"	5	1.46	0.67
1"	9	2.30	0.87
1-1/4"	16	3.64	1.06
1-1/2"	21	5.09	1.34
2"	40	8.17	1.65
2-1/2"	60	9.99	2.40
3"	75	13.92	2.99



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Unit: Inch

No.	Part Name	Qty	Material		
1	Body	1	ASTM	A351	CF8M
2	Bonnet	2	ASTM	A351	CF8M
3	Screen	1	SUS316 20 Mesh Screen Standard		
			SUS316 40 Available Upon Request		
4	Gasket	1	PTFE		
5	Plug	1	ASTM	A351	CF8M

Size	D Port	L	H	Plug Size
3/8"	0.35	2.64	1.59	1/4"
1/2"	0.55	2.99	1.99	3/8"
3/4"	0.67	3.43	2.21	3/8"
1"	0.87	4.06	2.73	1/2"
1-1/4"	1.06	4.72	3.13	1/2"
1-1/2"	1.34	5.31	3.65	3/4"
2"	1.65	6.30	4.24	3/4"
2-1/2"	2.40	7.87	5.28	1-1/4"
3"	2.99	8.86	5.72	1-1/4"



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LOCATIONS

SPARKS DISTRIBUTION CENTER
200 Vista Boulevard Suite #106
Sparks, NV 89434

DALLAS DISTRIBUTION CENTER
10614 King William Drive
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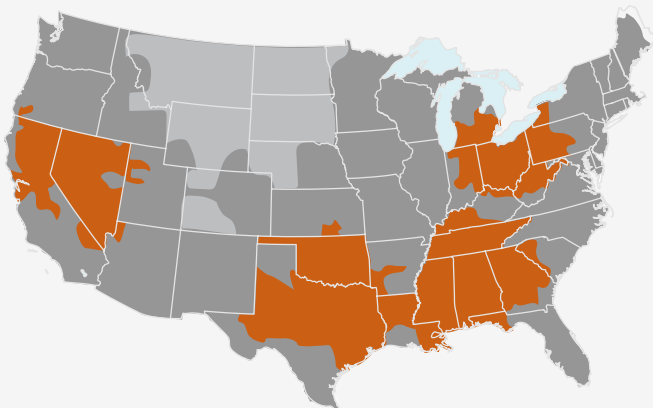
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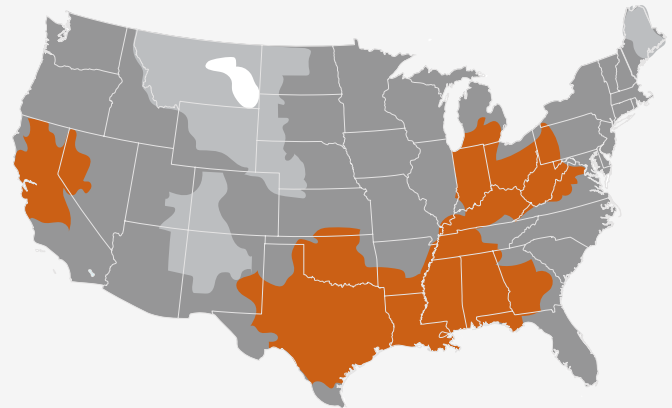
SHIPPING TIMES

UPS



1 Day 2 Days 3 Days

FedEx



1 Day 2 Days 3 Days 4 Days

*FedEx is Merit's Primary Carrier

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