


TITAN

WYE STRAINER • BUTT WELD TYPE

Class 150/300, 600 Carbon & Stainless Steel



Model YS63-CS (300 lbs)

Model YS63-SS (300 lbs)

Model YS65-CS (600 lbs)

Model YS65-SS (600 lbs)

APPLICABLE STANDARDS

Shell Wall Thickness ASME/ANSI B16.34

Pressure Temp Rating ASME/ANSI B16.34

Complies with Class 150, 300 and 600 lb

ASME/ANSI B16.34

SIZES: 2" thru 12"

Features:

- Self Cleaning Type
- Bolted Cover Flange Permits Easy Removal when Screen must be Cleaned Also Helps Assure Proper Alignment of the Screen when Reassembled
- Machined Screen Seat
- Tapped NPT Blow-off
- Drain/Blow-off Connection Furnished with Plug as Standard
- Strainer has Large Open Area - Minimum 2.5X Larger than Corresponding Pipe Size
- Epoxy Coating is Standard on all Carbon Steel Units
- Bosses at the Inlet and Outlet Flanges are provided for Guage Tappings
- Optional Cover Designs (Swing, Clamp, Hinge Type)
- Body Meets Applicable ASTM Standards
- High Temperature Cover Gaskets are Set in Machined Counter Bores

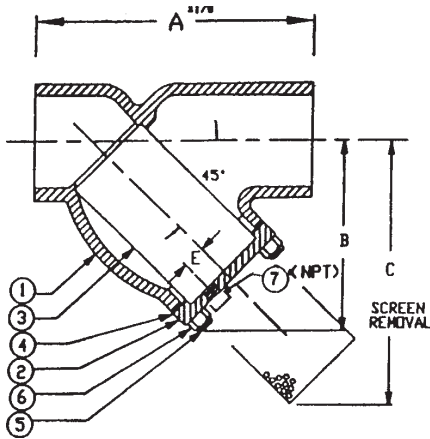
*Ideal Design for Commercial and Industrial Applications
With Higher Pressure and Temperatures.*



TITAN FLOW CONTROL
LUMBERTON, NC USA

FLANGED TYPE
WYE STRAINER
MODEL YS63-CS & YS63-SS
YS65-CS & YS65-SS

RATING:
ANSI # 150,
300, 600.



BILL OF MATERIALS:

No.	Name	YS63/65-CS	YS63/65-SS
		Carbon Steel	Stainless Steel
1	Body	ASTM A216 WCB	ASTM A351 CF8M
2	Cover	ASTM A216 WCB	ASTM A351 CF8M
3	Screen*	SS 304	SS 304
4	Gasket*	SS304 Spiral Wound	SS304 Spiral Wound
5	Studs	ASTM A193-B7	ASTM A193 B8 T316SS
6	Nuts	ASTM A194-2H	ASTM A194 Gr8 T316SS
7	Plug	ASTM A105	ASTM A182 F316

* Recommended spare parts
Gasket is encapsulated in the groove

NOTE:

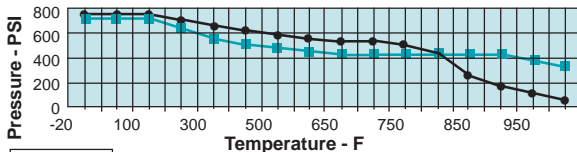
1. A wide range of optional gasket material available, C/F
2. Strainers are also available in many optional materials such as LCC, LCB, WC6, WC9, 316L, Alloy 20, and monel.
3. Optional Socket Weld - Blow-Out available, C/F

DIMENSIONS: (YS63 & YS65)

SIZE:	In mm	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6	8	10	12
		A1 (YS63)	In	6-5/8	8-5/16	8-5/16	10-1/8	10-1/4	11	12	13-1/2	17-15/16	22-1/4	25-5/8	31-3/4
A2 (YS65)	mm	168	211	211	257	260	279	305	343	456	565	651	806	957	1156
B1 (YS63)	In.	3-1/2	3-3/4	3-3/4	5-1/2	5-1/2	7	8-1/4	9-1/4	12-1/2	15	20	24	28-1/2	34-1/2
B2 (YS65)	mm.	89	95	95	140	140	178	210	235	318	381	508	610	724	876
C1 (YS63)	In	5	5	5	8	8	10	12-1/2	14-1/2	19-1/2	23	31	38-1/2	45-1/2	52
C2 (YS65)	mm	130	130	130	203	203	254	317.5	368	495	584	787	978	1156	1321
D1 (YS63)	In.	3/8	1/2	1/2	1/2	1/2	1/2	1	1	1-1/2	2	2	2	2	2
D2 (YS65)	mm.	10	15	15	15	15	15	25	25	40	50	50	50	50	50
WEIGHT:															
W1 (YS63)	lb.	6	12.25	12.25	19	27	40	60	78	160	254	364	670	1090	1558
W2 (YS65)	kg.	2.7	5.5	5.5	8.6	12	18	27	35	72.7	115	165	304	495	708

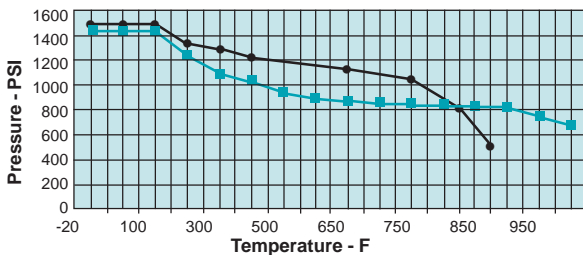
Pressure Vs Temperature

YS63-CS & YS63-SS ANSI 300 lbs.



Pressure Vs Temperature

YS65 CS & YS65 SS ANSI 600 lbs.



Standard Screen Selections:

Sizes	Liquid	Open Area	Steam	Open Area
1/2" to 4"	0.062 (1/16)	37%	0.033(1/32)	28%
5" to 12"	0.125 (1/8)	40%	0.045 (3/64)	36%

A wide range of optional wire mesh and perforated screens are available. C/F

WORKING PRESSURES-NON SHOCK

MODELS	PRESSURE	TEMPERATURE
YS65-CS	1480 PSI	100°F
	600PSI	838°F
YS65-SS	1440 PSI	100°F
	600 PSI	1125°F

TESTING:

All strainers are individually, hydrostatically tested in accordance with ANSI test specifications.
SHELL TEST = 1.5 x WOG PSI

Ordering Code _____
Size _____
Customer/Project _____
Inq./P.O. No. _____
Titan Order No. _____
Certified Correct By _____ Date _____



TITAN FLOW CONTROL, INC.

WYE STRAINER

YS63-CS & YS63-SS YS65-CS & YS65-SS

Series	Size	Part No.	Material Trim Code	Drawing No.
				YS63/65 - CS / SS