


TITAN

CAST IRON • WYE TYPE STRAINER

Flanged End Design 125 Class Flat Faced



Model YS58-CI

Sizes 2" thru 24"

ANSI 125 lb Class

CAST IRON ASTM A126

Working Pressures in
accordance with ANSI B16.5

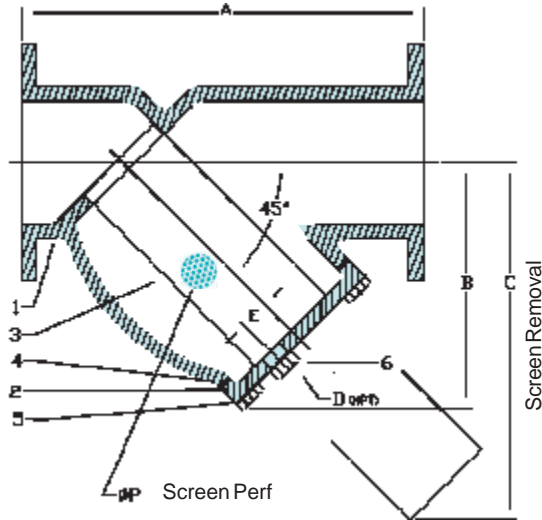
Features:

- Self Cleaning Type
- Bolted Cover Flange Permits Easy Removal when the Screen must be Cleaned. Also Helps to Assure Proper Alignment of the Screen When Reassembled.
- Tapped NPT Blowoff
- 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
- Bosses at the Inlet and Outlet Flanges are Provided for Gauge Tapping - Specify When Required
- Optional Cover Designs (swing clamp, hinge type, etc.)
- Body Meets Applicable ASTM Standards.
- Military Specifications with Bronze Blow-off Plug

Economical Design, Ideal for HVAC, Commercial and Industrial Applications.

TITAN - DESIGN & TECHNICAL DATA:

Model YS58-CI



Threaded B/O's commercial standard NPT, furnished with plug

BILL OF MATERIALS:

ITEM	NAME	MATERIAL
1	Body	Cast Iron ASTM A126 Gr. B
2	Cover	Cast Iron ASTM A126 Gr. B
3	Screen*	SS304
4	Gasket*	Non-Asbestos
5	Cap Screw	Steel
6	Blow-off Plug	Steel

* Recommended spare parts

Type 2 - Style

Meets Mil Spec WW-S-2739

When Furnish with Bronze Blow-Off Plug

All Units Feature External Epoxy Coating as Standard

Size (nominal)		Dimension														Weight (dry)	
		A		B		C		D		E		P steam		P water			
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg
2"	51	7.87	200	5.25	133	7	178	½	13	0.5	13	0.045	1.1	0.062	1.5	18	8
2-1/2"	64	10	254	6.5	165	9.75	248	1	25	0.5	13	0.045	1.1	0.062	1.5	31	14
3"	76	10.12	257	7	178	10	254	1	25	0.5	13	0.045	1.1	0.062	1.5	37	17
4"	102	12.12	308	8.25	210	12	305	1½	38	0.75	19	0.045	1.1	0.062	1.5	70	32
5"	127	15.62	397	11.25	286	17	432	2	51	0.87	22	0.045	1.1	0.125	3	105	48
6"	152	18.5	470	13.5	343	20	508	2	51	1.87	47	0.045	1.1	0.125	3	155	70
8"	203	21.62	549	15.5	394	22.75	578	2	51	2.75	70	0.045	1.1	0.125	3	278	126
10"	254	25.75	654	18.5	470	28	711	2	51	3.87	98	0.045	1.1	0.125	3	381	173
12"	303	29.87	739	21.75	553	30	762	2	51	4.62	117	0.062	1.5	0.125	3	623	283
14"	356	33.25	846	25.00	635	36.50	927	2	51	4.88	124	C/F	C/F	0.125	3.9	889	403
16"	406	38.75	984	26.50	673	42.00	1067	2	51	5.50	140	C/F	C/F	0.125	3.9	1421	645
18"	457	43.12	1105	31.00	788	45.50	1156	2	51	6.50	165	C/F	C/F	0.125	3.9	2272	1031

Sizes 20" and 24" are available - C/F

Standard Screen Selections:

Sizes	Water Service	Open Area	Steam Service	Open Area
2" thru 4"	1/16	37%	0.045	36%
5" thru 10"	1/8	40%	0.045	36%
12" thru 18"	1/8	40%	30 Mesh	41%

Optional wire mesh and perforated metals are available upon request.

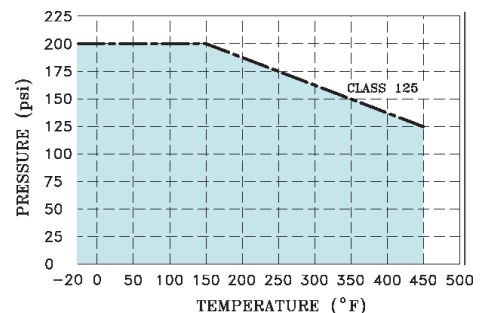
TESTING

All Strainers Individually Hydrostatically Tested in accordance with ANSI test specifications

Designed In Accordance with ASME B16.4

PRESSURE & TEMPERATURE CHART

(Accordance with ASME B16.1)



Lower Temperature Limit -20°F/-28.9°C

M.A.W.P. - Nonshock
2"-12" 200 psi/13.7 bar
14" and up 150 psi/10.34 bar

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