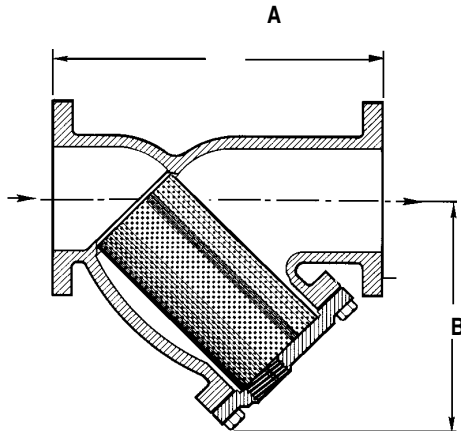


Y-Type Flanged Strainers-Model YF 125PSI



Operating Pressure & Temperature:

Steam	125 PSI @ 350°F
Liquid	150 PSI @ 150°F

Standard Screens:

Service	Sizes	Screen Openings	Screen Material
Steam & Liquid	2"-3"	.045 (3/64")	Stainless Steel-304
	4"- 12"	.125 (1/8")	

*Perforated monel and other alloys are available as an option.
Mesh lining is available in all alloys for extra fine straining.
Consult factory for other applications.

*All sizes come complete with flanged blow off cover, gasket and plug.

Dimensional Data

Model	Size (In.)	A	B	Blowoff NPT	Screen Removal	Weight (Lbs.)
YF0200	2	9 ⁷ / ₈	6 ¹ / ₄	1 ¹ / ₂	7	36
YF0250	2 ¹ / ₂	11 ¹ / ₄	7 ⁵ / ₈	1	9 ³ / ₄	48
YF0300	3	12 ¹ / ₂	8 ¹ / ₄	1 ¹ / ₄	10	86
YF0400	4	14 ⁷ / ₈	10 ¹ / ₈	1 ¹ / ₄	12	106
YF0500	5	17 ¹⁵ / ₁₆	12 ¹ / ₂	1 ¹ / ₂	17	156
YF0600	6	18 ³ / ₃	13	1 ¹ / ₂	20	201
YF0800	8	23	13 ⁷ / ₈	2	22 ³ / ₄	321
YF1000	10	28	17 ¹ / ₈	2	28	370
YF1200	12	24	20 ¹ / ₂	2	30	621

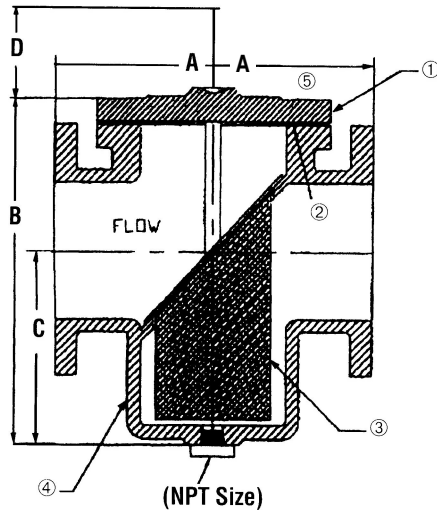
Catalog weights & dimensions are approximate.

Apply for certified dimensions from the factory.

Bill of Materials

Part Name	Material
Cover	Cast Iron ASTM A126 Class B
Gasket	Fiber
Screen	Stainless Steel - Type 304
Body	Cast iron ASTM A126 Class B
Bolts	Steel ASTM A264

Basket Type Strainers



Dimensional Data (In Inches)

Model	Size NPT	A	B	C	D	Model	Weight (Lbs.)
BS0200	2	8 1/8	8 3/4	5	3/4	5 3/8	34
BS0250	2 1/2	8 1/4	9 11/16	5 3/8	3/4	6 5/16	43
BS0300	3	9 7/8	10 1/2	6 1/2	3/4	8	60
BS0400	4	11 1/2	14 9/16	8	1	9 5/16	120
BS0500	5	13 1/8	15	8	1	10 1/4	140
BS0600	6	14 7/8	15 1/4	8 5/8	1 1/4	11 1/8	164
BS0800	8	18 11/16	20 3/4	11 3/4	1 1/2	15 9/16	330
BS1000	10	20 1/8	24 1/4	13 3/4	1 1/2	18	350
BS1200	12	26 1/4	29 1/4	16 3/8	1	23 1/4	716
BS1400	14	30 1/4	36 3/8	22 3/8	2	26 1/4	1010
BS1600	16	33 1/8	38 1/4	22 5/8	2	28 1/8	1320
BS1800	18	38 3/8	38	28 3/8	2	26 3/4	1916
BS2000	20	41 1/2	43 5/8	32 3/8	2	34 1/8	2460

Operating Pressure & Temperature:

		Saturated Steam	Water - Oil - Gas
125#	2 to 12"	125 PSI @ 350°F	150 PSI @ 150°F

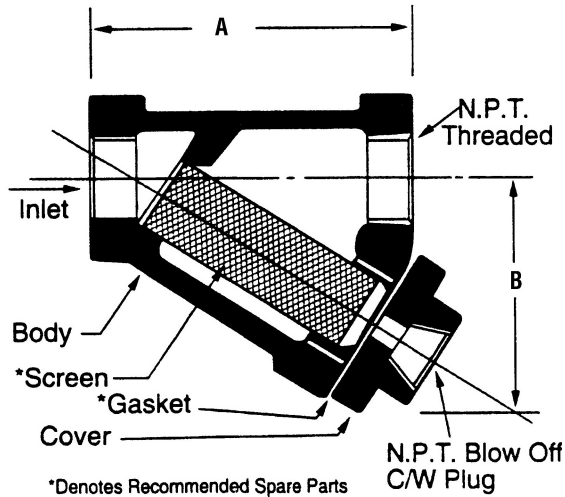
Standard Baskets:

Size	Standard Mesh	Opening
2" to 3"	3/64 perf	.045"
4" to 20"	1/8 perf	.125"

Bill of Materials

Item	Part Name	Material
1	Cover	Cast iron ASTM A126-B
2	Gasket	Fiber
3	Screen	Stainless Steel
4	Body	Cast Iron ASTM A126-B
5	Bolts	Carbon Steel

Y-Type Threaded Strainers-Cast Iron



Operating Pressure & Temperature:

Steam	250 PSI @ 450°F
Liquid	400 PSI @ 150°F

Standard Screens:

Service	Sizes	Screen Openings	Screen Material
Steam & Liquid	1/2" thru 3"	20 Mesh .032 perf.	Stainless Steel*

Dimensional Data

Model No.	Size (In.)	A	B	Blowoff NPT	Weight (Lbs.)
CTY0050	1/2	3 1/4	2 1/4	1/4	2.5
CTY0075	3/4	3 3/4	2 5/8	1/2	3
CTY0100	1	4	2 3/4	1/2	5
CTY0125	1 1/4	5	3 3/4	3/4	9
CTY1050	1 1/2	5 13/16	4	3/4	10
CTY0200	2	7	5	1	16
CTY0250	2 1/2	9 5/16	6	1 1/2	29
CTY0300	3	10 1/8	7	1 1/2	38

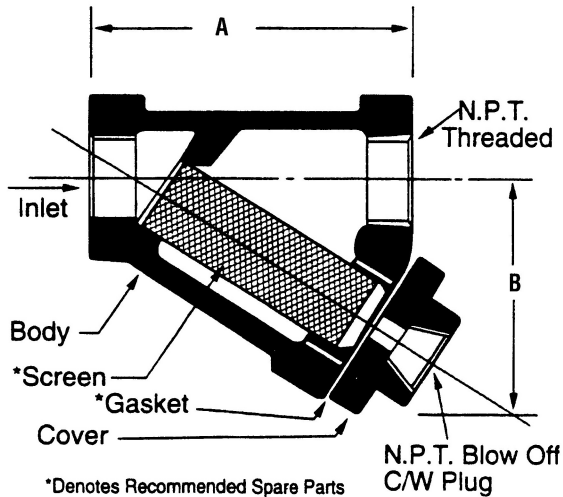
Catalog weights & dimensions are approximate.

Apply for certified dimensions from the factory.

Bill of Materials

Item	Part Name	Material
1	Screen	Stainless Steel
2	Body	Cast iron ASTM A126-B

Y-Type Threaded Strainers-Bronze



Dimensional Data

Model No.	Size (In.)	A	B	Blowoff NPT	Screen Removal	Weight (Lbs.)
BTY0050	1/2	3 7/32	2 5/32	3/8	2 1/2	2.5
BTY0075	3/4	3 5/16	2 3/4	3/8	2 5/8	3
BTY0100	1	4 17/32	2 15/16	1/2	3 3/8	5
BTY0125	1 1/4	5 11/32	3 9/16	1/2	4 5/8	9
BTY1050	1 1/2	6 7/32	3 27/32	1/2	5	10
BTY0200	2	7 1/2	5 7/16	1/2	6 7/8	16
BTY0250	2 1/2	9 1/16	5 29/32	1/2	8 3/4	29
BTY0300	3	10 7/32	6 9/32	1/2	9 3/4	38

Catalog weights & dimensions are approximate.

Apply for certified dimensions from the factory.

Operating Pressure & Temperature:

Steam	150 PSI @ 400°F
Liquid	300 PSI @ 150°F

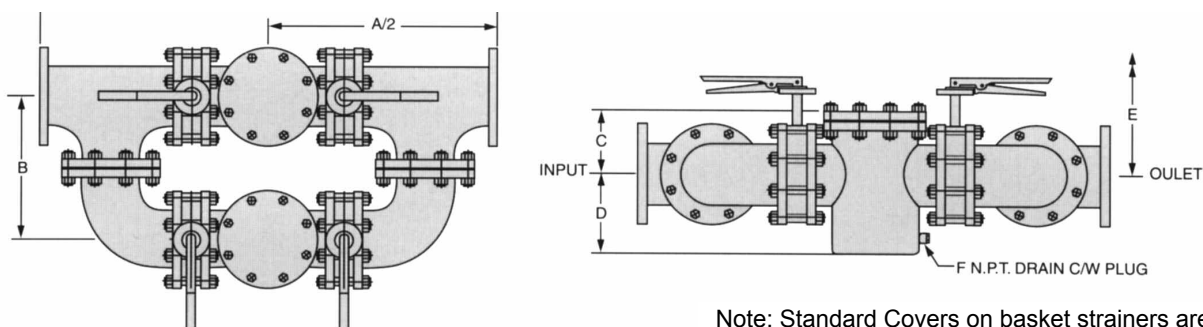
Bill of Materials

Item	Part Name	Material
1	Screen	Stainless Steel
2	Body	Bronze ASTM B-62

Standard Screens:

Service	Sizes	Screen Openings	Screen Material
Steam & Liquid	1/2" thru 3"	20 Mesh .032 perf.	Stainless Steel*

Duplex Fabricated Strainers



Note: Standard Covers on basket strainers are bolted.

SPECIFICATION:

The Duplex Strainer shall be designed and manufactured to meet ASME class 125 rated flanges. The duplex strainer shall have four butterfly isolation valves with stainless trim. The strainer body shall be cast iron material and shall be an angular basket design. The header shall be carbon steel material and shall have off-center inlet/outlet connections. The strainer shall be furnished with a bottom blowdown capability. The screen shall be size _____ perforated SS. The Duplex Strainer shall have an inlet size of _____ and Open Area Ratio of _____. The Duplex Strainer shall be American Wheatley Model DFS's _____

MATERIALS OF CONSTRUCTION

Basket Strainers: Standard
Headers: Flanged Fittings
Shutoff Valves: Standard

Cast Iron 304 SS Basket
Carbon Steel
Butterfly Valves
Ductile Iron Body (non wetted part)
CF8M Disc EPDM seats
A193-B7
A194-2H

Hardware: Stud
Nut

Inlet/Outlet Connections*: 2"-16"
(RF or FF Flanged)
*Larger Sizes available upon request

SCREEN OPENINGS (Basket Strainers)

2" - 3"	3/64" Perf.	304SS
4" - 16"	1/8" Perf.	304SS

Note: Other screen/mesh liners available upon request.

PART NUMBER	DIAMETER A (IN.)	LENGTH B (IN.)	LENGTH C (IN.)	LENGTH D (IN.)	LENGTH E (IN.)	F NPT	WEIGHT lbs.	
							COVER	UNIT
DFS-002	29 7/16"	9 1/8"	4 1/16"	5"	11 3/4"	1/2"	5	174
DFS-003	35 7/16"	11 1/8"	5 1/16"	7 1/8"	15 3/8"	3/4"	9	306
DFS-004	41 5/8"	13 1/8"	5 5/8"	8"	17 3/4"	1"	13	499
DFS-006	51 1/4"	16 1/8"	6 3/4"	9"	23"	1"	26	735
DFS-008	59 1/2"	18 1/8"	7 15/16"	12"	30"	1 1/2"	45	1216
DFS-010	69 5/16"	22 1/8"	12"	14"	35 1/2"	1 1/2"	70	1958
DFS-012	80 3/4"	24 1/8"	13 1/8"	17"	42 1/2"	2"	110	2919
DFS-014	92 1/4"	28 1/8"	15 1/2"	22"	53"	1 1/2"	140	4182
DFS-016	99 15/16"	30 1/8"	16 5/8"	22 7/8"	55 5/8"	2"	180	5566

*Weights and dimensions with Bolted Cover.

Dimensions shown are subject to change. Contact factory for certified prints when required.

JOB NAME _____
LOCATION _____
CONTRACTOR _____
CONTRACTOR P.O. NO. _____

ITEMS	QUANTITY
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____