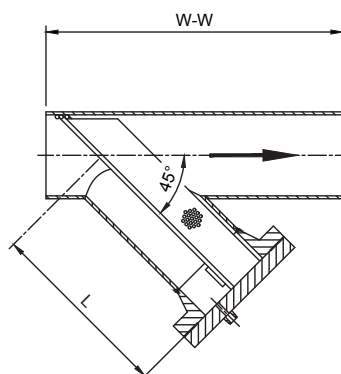
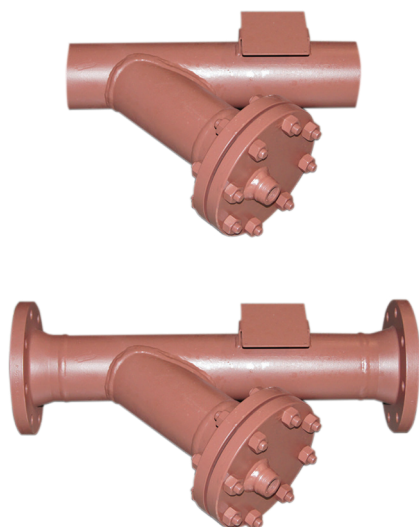
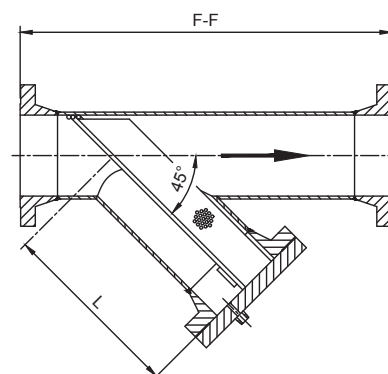


Y Strainers



TYPE FYW
(Weld End)



TYPE FYF
(Flanged End)

- All dimensions are in inches and based on an ASME flanged closure
- Dimensions shown are good through 600# ASME
- Standard design is based on ASME B31.4
- Many quick opening closure options are available (see Bulletin OA-112)
- Open area ratios are based on using a 40% open area basket media (see Bulletin AC-112)
- Larger line sizes and custom designs are available

LINE SIZE (IN.)	OD	TYPE FYW (W-W)	TYPE FYF (F-F)	L	BLOWDOWN (NPT)	LINE SIZE (IN.)
4	4 1/2	18 1/2	26	12	3/4	4
6	6 5/8	20 1/4	30	16	3/4	6
8	8 5/8	26	37	20	1	8
10	10 3/4	33 1/2	46	23	1	10
12	12 3/4	38 1/4	51	26	1 1/2	12
14	14	42 1/2	56	29	1 1/2	14
16	16	47 1/2	62	32	1 1/2	16
18	18	53	68	36	1 1/2	18
20	20	57 1/2	73	39	2	20
24	24	63 1/2	80	43	2	24

Minimum Information Required for RFQ (see Strainer Bulletins SD-118 and SI-112 for assistance)

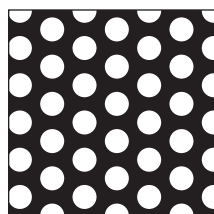
1. Quantity
2. Line size & ASME flange rating
3. Weamco type
4. Housing pipe schedule
5. Piping design code (ASME B31.4 is standard)
6. Basket media size (see Bulletin AC-112)
7. Housing and basket material (carbon steel is standard)
8. Other special requirements or specifications (paint, etc)

Materials Data

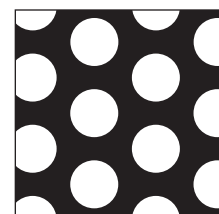
Perforated, Expanded Metal and Wire Cloth Media

Perforated patterns normally stocked

PATTERN		% OPEN AREA	# HOLES PSI	MATERIAL/GAUGE		
DIA	CENTERS			C.S.	304SS	316SS
1/8	3/16	40	33	14,11	14	14
3/16	1/4	51	18	14	16	16
1/4	3/8	40	8	11	14,11	14,11
3/8	9/16	40	3,7	11	11	-
1/2	11/16	48	2,4	11	11	-



1/8" DIA. on 3/16" CTR

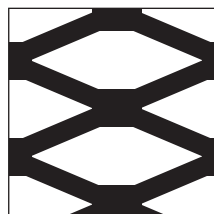


1/4" DIA. on 3/8" CTR

Expanded metal normally stocked

For straining or fine mesh wire cloth support

SIZE	TYPE	% OPEN AREA	MATERIAL	
			C.S.	304SS
1/2	Flattened	62	16	16
3/4	Flattened	72	13	13



1/2" Expanded

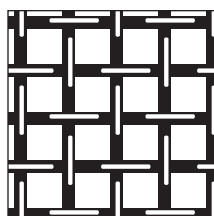


3/4" Expanded

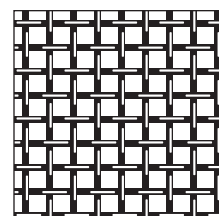
Wire cloth normally stocked

Coarse mesh for straining or support

MESH*	WIRE DIA.	OPENING	MICRONS	% OPEN AREA
3 x 3	.080	.2533	6429	57.6
4 x 4	.063	.1870	4746	56.0
8 x 8	.035	.0900	2284	51.8
8 x 8	.047	.0780	1980	38.9
10 x 10	.035	.0650	1650	42.3



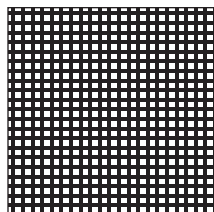
4 x 4 Mesh



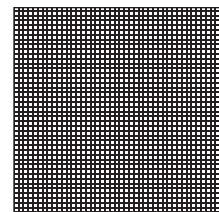
8 x 8 Mesh

Fine mesh requiring support

MESH*	WIRE DIA.	OPENING	MICRONS	% OPEN AREA
20 x 20	.016	.0340	863	46.2
30 x 30	.012	.0213	541	41.0
40 x 40	.010	.0150	381	36.0
60 x 60	.0075	.0092	234	30.5
80 x 80	.0055	.0070	178	31.4
100 x 100	.0045	.0055	140	30.3



20 x 20 Mesh



40 x 40 Mesh

*Number of wires per linear inch. All meshes shown are available, in 304SS and 316SS.
Other meshes and materials are available upon request.
All dimensions in inches. C.S. = Carbon Steel

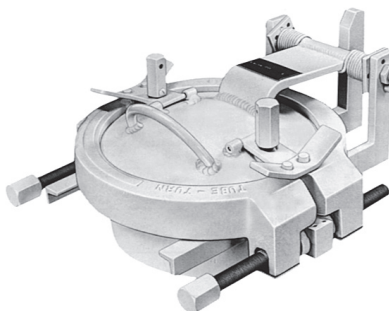
Linear Equivalents:
1 micron = .0000394 inches
25,400 microns = 1 inch
See Bulletin TG-112 for a comparative chart.

Optional Accessories for Strainers

These illustrations represent just some of the quick opening closure types used.



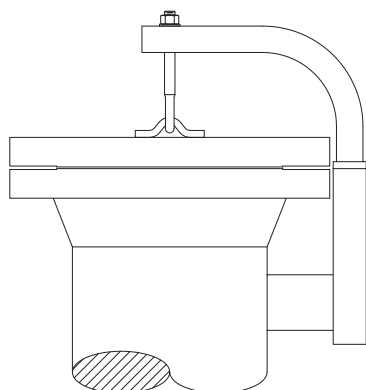
Threaded Closure



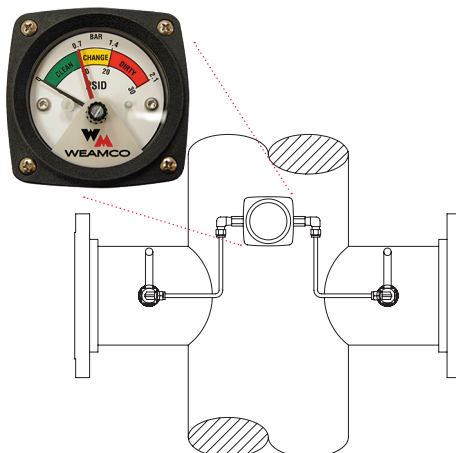
Double Bolt Closure



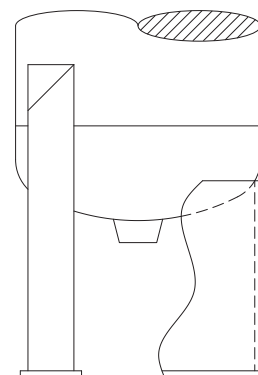
T-Bolt Hinged Closure



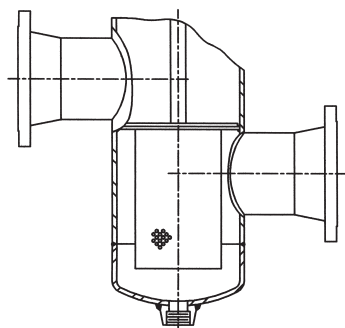
Davit for Blind Flange Closure



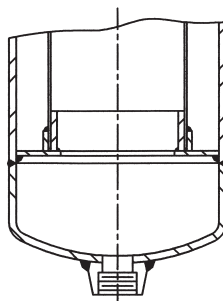
DP Gauge Assembly



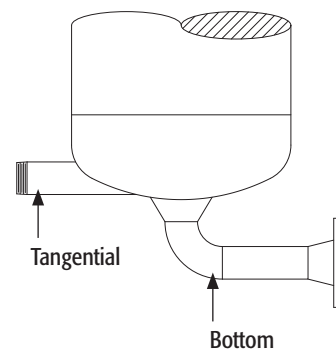
Legs or Base Skirt



Flat Top Basket Offset Nozzles



Blowdown Basket



Side Drains

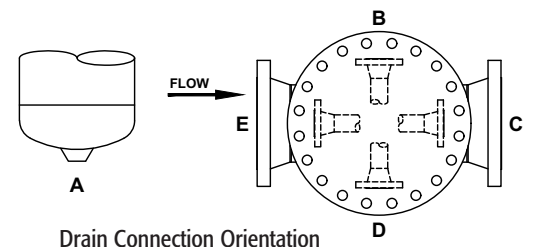
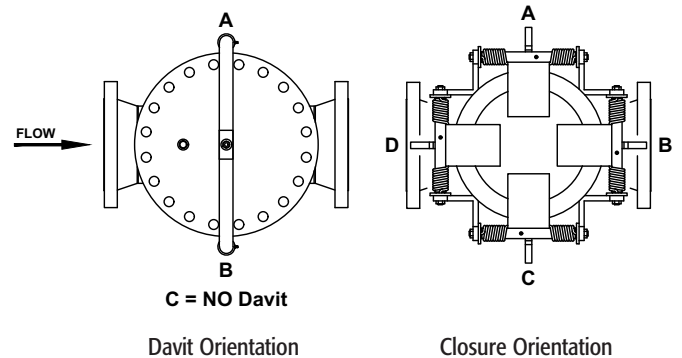
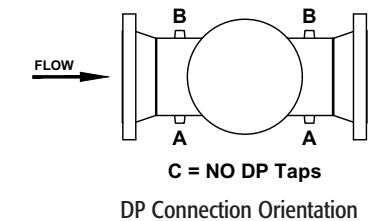
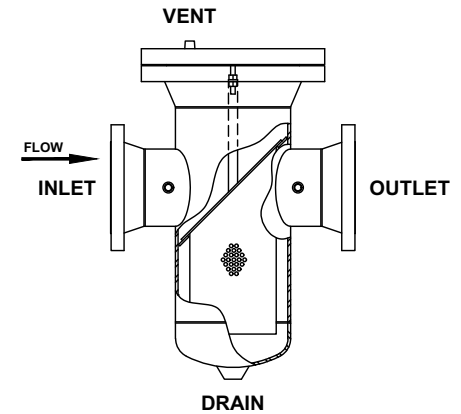
Basket Strainer Data Sheet



Customer _____ Date _____
 Contact _____ RFQ/PO _____
 Email _____ Project _____
 Phone _____ Location _____
 Address _____ End User _____

FOR RFQ – PLEASE PROVIDE ALL AVAILABLE INFORMATION

Quantity	Weamco Type	Tag Number
Service		
Flow Rate (Max)	☐ GPM ☐ BPH ☐ MMSCFM	
Specific Gravity	Allowable Pressure Drop (Clean)	psid
Design Code	☐ B31.3 ☐ B31.4	
	☐ B31.8 w/Design Factor ☐ 0.50 ☐ 0.60 ☐ 0.72	
	☐ ASME Sect. VIII, Div.1 U-Stamp ☐ Yes ☐ No	
Design Conditions	Pressure psig	Temp °F
	MDMT °F	CA in
Housing Material	☐ Carbon Steel ☐ 304SS ☐ 316SS ☐ Other	
Strainer Closure Type	☐ Blind Flg With Davit ☐ Yes ☐ No	
	☐ Quick Opening Closure and O-Ring Material	
	List Type: ☐ Clamp-On ☐ T-Bolt ☐ Thread-On	
Basket Media Material	☐ Carbon Steel ☐ 304SS ☐ 316SS ☐ Other (Specify:)	
Basket Media Size	(See Bulletin AC-112)	
Basket Liner Material	☐ None ☐ 304SS ☐ 316SS ☐ Other (Specify:)	
Basket Liner/Mesh Size	(See Bulletin AC-112)	
AML	If Yes, (Specify:)	
Additional Specifications	If Yes, (Specify:)	



CONNECTIONS	SIZE	RATING	FACE
Inlet			
Outlet			
Vent			
DP Taps			
Drain			
If Side Drain:	☐ Bottom ☐ Tangential	(See Bulletin OA-112)	
DP Gauge Assembly	☐ Yes ☐ No		

NACE Req'd	☐ Yes ☐ No
DOT	☐ Yes ☐ No
Interior Finish/Coating	
Exterior Finish/Coating	☐ Standard - SP3 with Universal Primer ☐ Other (Specify:)

(See Strainer Bulletin SI-112 for assistance.)

Drawing Req'd	☐ For Approval ☐ For Record Only
Submit Drawings to:	
Email Address:	

Notes: