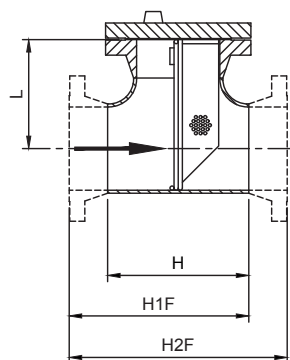
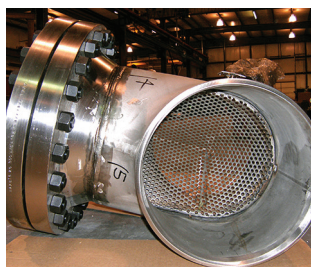


Tee Strainers

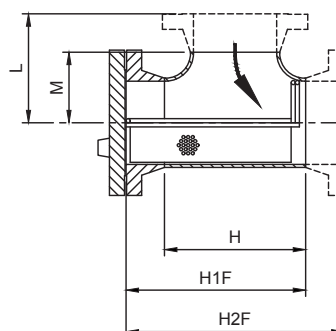


TYPE TSW
(Weld Inlet & Outlet)

TYPE TSF
(Flanged Inlet & Outlet)

TYPE TSFI
(Flanged Inlet, Weld Outlet)

TYPE TSFO
(Weld Inlet, Flanged Outlet)

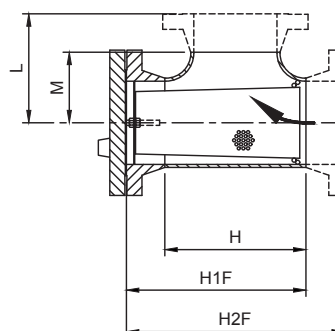


TYPE TLW
(Weld Inlet & Outlet)

TYPE TLF
(Flanged Inlet & Outlet)

TYPE TLFI
(Flanged Inlet, Weld Outlet)

TYPE TLFO
(Weld Inlet, Flanged Outlet)



TYPE TVW
(Weld Inlet & Outlet)

TYPE TVF
(Flanged Inlet & Outlet)

TYPE TVFI
(Flanged Inlet, Weld Outlet)

TYPE TVFO
(Weld Inlet, Flanged Outlet)

- 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.)	H	M	150#			300#			600#			LINE SIZE (IN.)
			L	H1F	H2F	L	H1F	H2F	L	H1F	H2F	
2	5	2 1/2	5 1/8	7 5/8	10 1/4	5 3/8	7 7/8	10 3/4	5 3/4	8 1/4	11 1/2	2
3	6 3/4	3 3/8	6 1/4	9 5/8	12 1/2	6 5/8	10	13 1/4	7	10 3/8	14	3
4	8 1/4	4 1/8	7 1/4	11 3/8	14 1/2	7 5/8	11 3/4	15 1/4	8 1/2	12 5/8	17	4
6	11 1/4	5 5/8	9 1/4	14 7/8	18 1/2	9 5/8	15 1/4	19 1/4	10 5/8	16 1/4	21 1/4	6
8	14	7	11 1/8	18 1/8	22 1/4	11 1/2	18 1/2	23	12 5/8	19 5/8	25 1/4	8
10	17	8 1/2	12 5/8	21 1/8	25 1/4	13 1/4	21 3/4	26 1/2	14 7/8	23 3/8	29 1/2	10
12	20	10	14 5/8	24 5/8	29 1/4	15 1/4	25 1/4	30 1/2	16 1/2	26 1/2	33	12
14	22	11	16 1/8	27 1/8	32 1/4	16 3/4	27 3/4	33 1/2	17 7/8	28 7/8	35 3/4	14
16	24	12	17 1/8	29 1/8	34 1/4	17 7/8	29 7/8	35 3/4	19 3/8	31 3/8	38 3/4	16
18	27	13 1/2	19 1/8	32 5/8	38 1/4	19 7/8	33 3/8	39 3/4	21 1/8	34 5/8	42 1/4	18
20	30	15	20 13/16	35 13/16	41 5/8	21 1/2	36 1/2	43	22 7/8	37 7/8	45 3/4	20
24	34	17	23 1/8	40 1/8	46 1/4	23 3/4	40 3/4	47 1/2	25 3/8	42 3/8	50 3/4	24

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

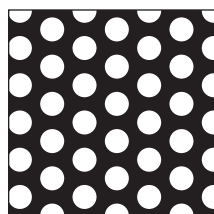
1. Quantity
2. Line size & ASME flange rating
3. Weamco type
4. Housing pipe schedule
5. Piping design code (ASME B31.4 is standard)
6. Basket media size (see Bulletin AC-112)
7. Housing and Basket material (carbon steel is standard)
8. Other special requirements or specifications (paint, etc)

Materials Data

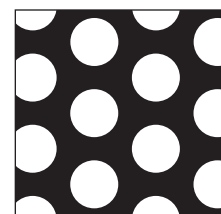
Perforated, Expanded Metal and Wire Cloth Media

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

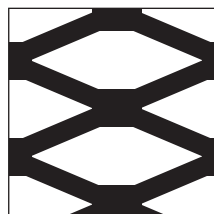


1/4" DIA. on 3/8" CTR

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

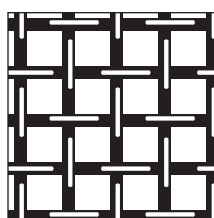


3/4" Expanded

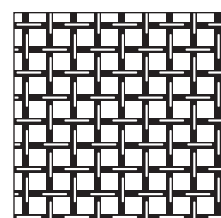
Wire cloth normally stocked

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



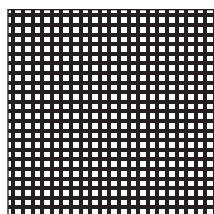
4 x 4 Mesh



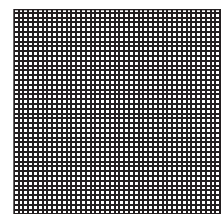
8 x 8 Mesh

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

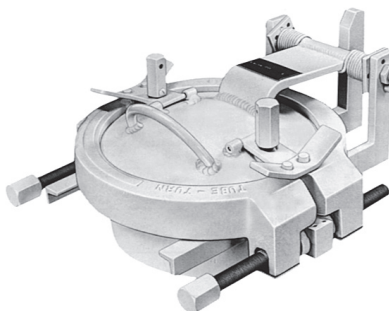
Linear Equivalents:
1 micron = .0000394 inches
25,400 microns = 1 inch
See Bulletin TG-112 for a comparative chart.

Optional Accessories for Strainers

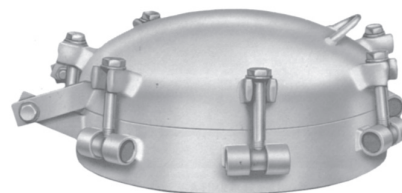
These illustrations represent just some of the quick opening closure types used.



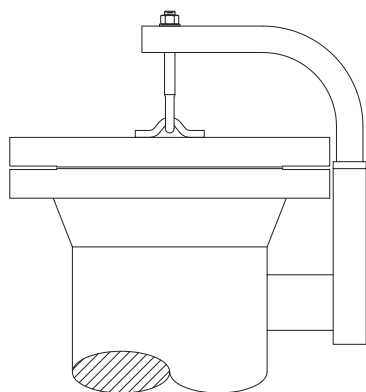
Threaded Closure



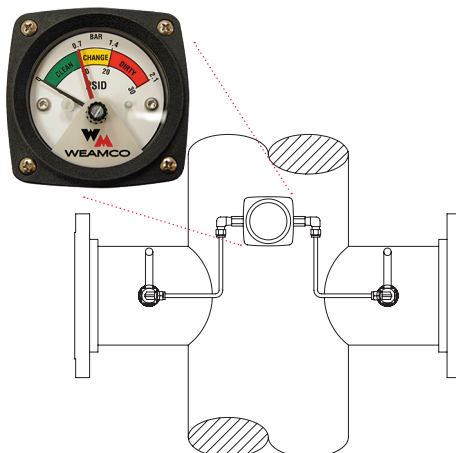
Double Bolt Closure



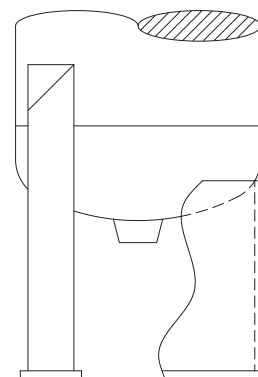
T-Bolt Hinged Closure



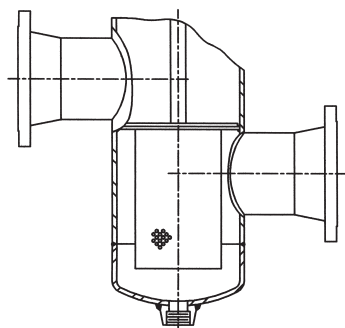
Davit for Blind Flange Closure



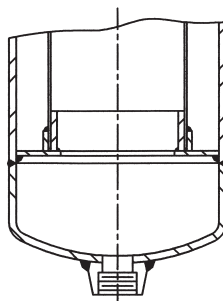
DP Gauge Assembly



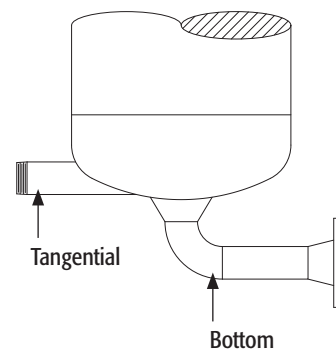
Legs or Base Skirt



Flat Top Basket Offset Nozzles



Blowdown Basket



Side Drains

Estimated Strainer Weights

Based on catalog standards units

(See Bulletins FV-112, FT-112 and TEE-112)

FV AND FT STRAINERS					
2"-150#	3"-150#	4"-150#	6"-150#	8"-150#	10"-150#
70#	120#	190#	295#	470#	735#
2"-300#	3"-300#	4"-300#	6"-300#	8"-300#	10"-300#
100#	185#	275#	440#	660#	1070#
2"-600#	3"-600#	4"-600#	6"-600#	8"-600#	10"-600#
130#	260#	430#	765#	1085#	1880#

FV AND FT STRAINERS					
12"-150#	14"-150#	16"-150#	18"-150#	20"-150#	24"-150#
905#	1015#	1595#	1685#	2180#	3150#
12"-300#	14"-300#	16"-300#	18"-300#	20"-300#	24"-300#
1390#	1650#	2780#	3025#	3620#	5685#
12"-600#	14"-600#	16"-600#	18"-600#	20"-600#	24"-600#
2360#	2720#	4640#	4955#	5955#	10255#

TEE STRAINERS					
2" 150#	3" 150#	4" 150#	6" 150#	8" 150#	10" 150#
W-18#	W-33#	W-54#	W-102#	W-161#	W-235#
F-30#	F-56#	F-87#	F-154#	F-245#	F-343#
2" 300#	3" 300#	4" 300#	6" 300#	8" 300#	10" 300#
W-26#	W-52#	W-79#	W-147#	W-231#	W-355#
F-42#	F-88#	F-132#	F-237#	F-369#	F-555#
2" 600#	3" 600#	4" 600#	6" 600#	8" 600#	10" 600#
W-32#	W-58#	W-111#	W-235#	W-376#	W-609#
F-52#	F-94#	F-185#	F-381#	F-600#	F-987#

TEE STRAINERS					
12" 150#	14"-150#	16" 150#	18"-150#	20"-150#	24"-150#
W-362#	W-458#	W-577#	W-699#	W-904#	W-1317#
F-538#	F-686#	F-861#	F-1029#	F-1298#	F-1853#
12" 300#	14"-300#	16" 300#	18"-300#	20"-300#	24"-300#
W-508#	W-691#	W-862#	W-1093#	W-1356#	W-2055#
F-792#	F-1103#	F-1360#	F-1705#	F-2094#	F-3093#
12" 600#	14"-600#	16" 600#	18"-600#	20"-600#	24"-600#
W-787#	W-1100#	W-1460#	W-1767#	W-2291#	W-3155#
F-1239#	F-1794#	F-2422#	F-2877#	F-3671#	F-5109#

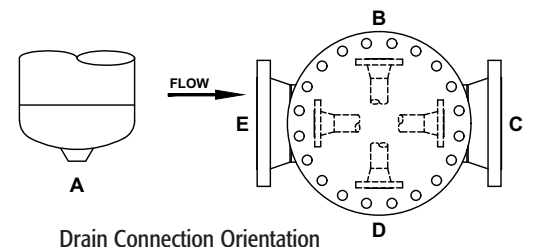
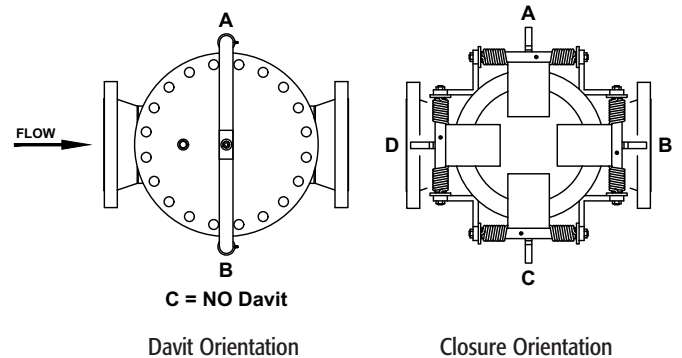
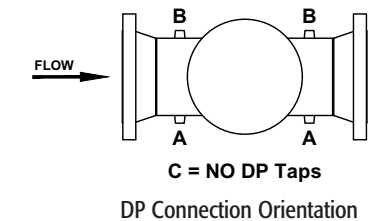
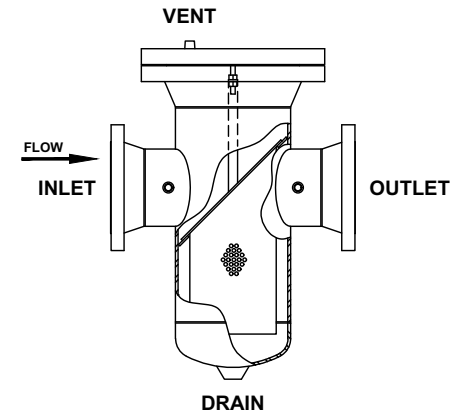
Basket Strainer Data Sheet



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: