

# DUAL BASKET STRAINERS



Model 125DBFCIBC



Model 150DBFSBW - Steel  
Model 150DBFSSBW - Stainless Steel

## FEATURES

- Four individually operated butterfly valves are used to divert and isolate flow
- Less expensive and quicker delivery than traditional duplex strainers
- Can be adapted to installation service requirements and limitations
- Can be manufactured to any size in fabricated form
- Model 125DBFCIBC feature Colton model 125BFIB basket strainers and series CIW/L butterfly valves.
- Model 150DBFS(S) feature Colton model 150BFS(S)BW fabricated basket strainers and series CIW/L butterfly valves

## OPTIONS

- Differential pressure gauge or switch
- Clamp or quick release cover assemblies
- Slave linkage between butterfly valves to open one valve while the other is being closed
- Pneumatic or electric actuation of butterfly valves
- Automatic or manual blowdown

## PRESSURE AND TEMPERATURE RATINGS

Model	Body Material	Maximum Design Pressure	Maximum Design Temperature	Low Temperature Limit – M.D.M.T
125DBFCIBC	Cast Iron	200 psig @ 150°F	225°F @ 175 psi	-20 °F
150DBFSBW (sizes 2" to 12")	Carbon Steel	200 psig @ 150°F	225°F @ 175 psi	-20 °F
150DBFSBW (sizes 14" to 24")	Carbon Steel	150 psig @ 150°F	225°F @ 125 psi	-20 °F
150DBFSSBW (sizes 2" to 12")	Stainless Steel	200 psig @ 150°F	225°F @ 175 psi	-20 °F
150DBFSSBW (sizes 14" to 24")	Stainless Steel	150 psig @ 150°F	225°F @ 125 psi	-20 °F

Above pressure and temperature ratings are when using Colton series CIW/L butterfly valves. Higher pressure and temperature ratings are available upon request

## MATERIALS

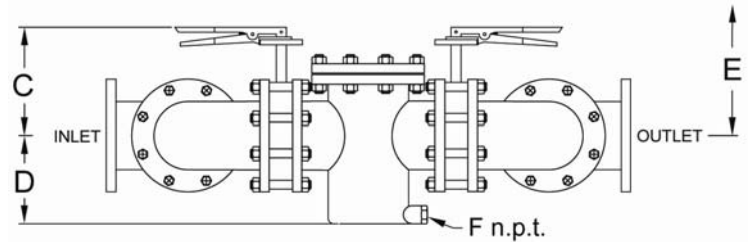
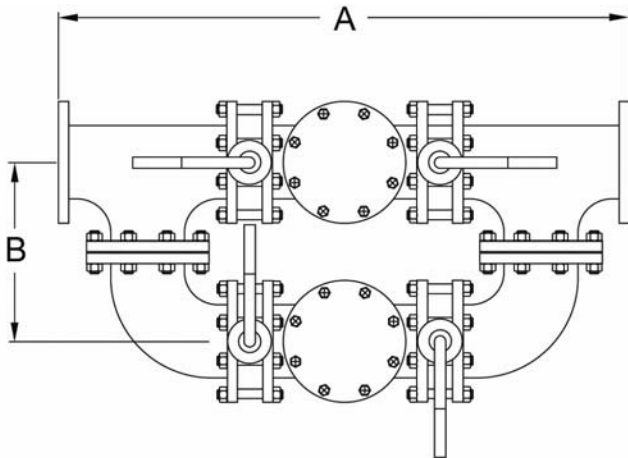
PART	DESCRIPTION		
	125DBFCIBC	150DBFSBW	150DBFSSBW
Inlet/Outlet Manifold	-	A53 E/B, A106-B	A312
Flanges	-	A105	A182
Couplings/Threadolets	-	A105	A182
Flanged Fittings	ASTM A126B – Cast Iron	-	-
Gaskets	Rubber	304SS Spiral Wound	304SS Spiral Wound
Studs	ASTM A193-B7	A193-B7	A193-B8-1
Nuts	A194-2H	A194-2H	A194-8
Basket Strainer	125BFIB	150BFSBW	150BFSSBW
Butterfly Valve Body	ASTM A126B – Cast Iron	ASTM A126B – Cast Iron	ASTM A126B – Cast Iron
Butterfly Valve Seat	EPDM or Buna-N	EPDM or Buna-N	EPDM or Buna-N
Butterfly Valve Disc	316SS, Bronze or Ductile Iron	316SS, Bronze or Ductile Iron	316SS, Bronze or Ductile Iron

For further technical information on Colton model 125BFIB, 150BFSBW or 150BFSSBW basket strainers, please see their individual data sheets

For further technical information on Colton butterfly valves, please see their individual data sheet



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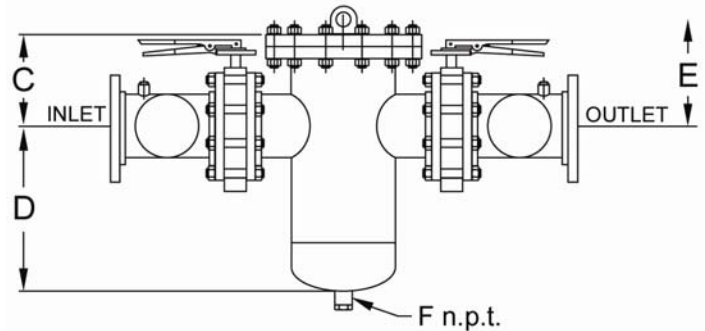
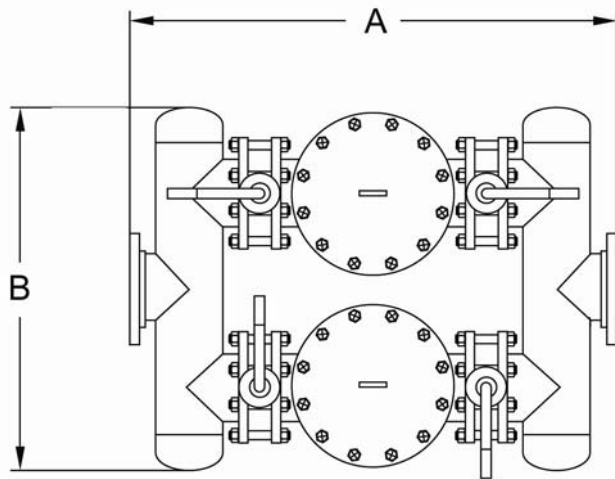


Model 125DBFCIBC

## DIMENSIONS AND WEIGHTS FOR MODEL 125DBFCI

Size		DIMENSIONS												Weight	
		A		B		C		D		E		F			
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lbs
125	5	1203	47-3/8	384	15-1/8	168	6-5/8	203	8	540	21-1/4	25	1	329	725
150	6	1295	51	410	16-1/8	178	7	219	8-5/8	575	22-5/8	25	1	363	800
200	8	1549	61	461	18-1/8	235	9-1/4	298	11-3/4	768	30-1/4	40	1-1/2	636	1400
250	10	1759	69-1/4	562	22-1/8	273	10-3/4	349	13-3/4	895	35-1/4	40	1-1/2	840	1850
300	12	2013	79-1/4	613	24-1/8	340	13-3/8	416	16-3/8	1096	43-1/8	50	2	1497	3300

# DUAL BASKET STRAINERS

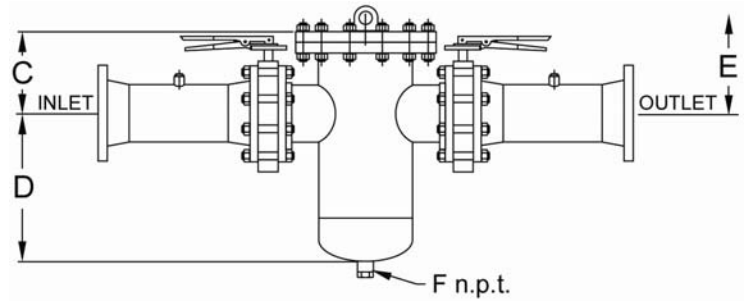
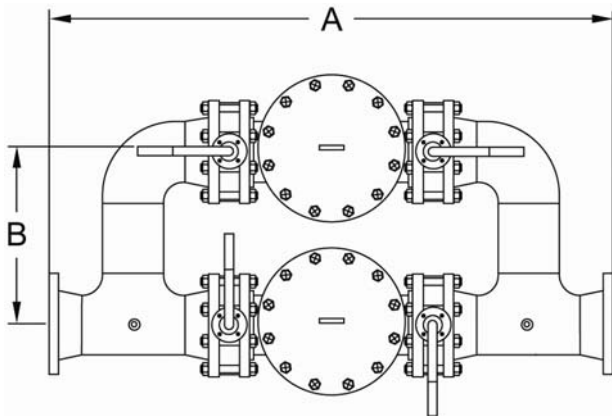


Model 150DBFS(S)BW1

## DIMENSIONS AND WEIGHTS FOR MODEL 150DBFS(S)BW1

Size		DIMENSIONS												Weight	
		A		B		C		D		E		F			
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	In	kg	lbs
50	2	813	32	508	20	152	6	279	11	635	25	20	3/4	127	280
80	3	965	38	610	24	203	8	356	14	737	29	25	1	136	300
100	4	965	38	660	26	203	8	356	14	787	31	25	1	204	450
150	6	1219	48	914	36	254	10	432	17	914	36	25	1	318	700
200	8	1448	57	1092	43	305	12	533	21	1092	43	25	1	636	1400
250	10	1930	76	1397	55	330	13	635	25	1473	58	40	1-1/2	840	1850
300	12	2159	85	1448	57	356	14	711	28	1575	62	40	1-1/2	1249	2750
350	14	2337	92	1524	60	457	18	838	33	1651	65	50	2	1816	4000
400	16	2642	104	1626	64	508	20	914	36	1829	72	50	2	2406	5300
450	18	2946	116	2083	82	508	20	1016	40	2032	80	50	2	2679	5900
500	20	3048	120	2210	87	610	24	1168	46	2286	90	50	2	3632	8000
600	24	3353	132	2388	94	711	28	1016	40	2794	110	50	2	4086	9000

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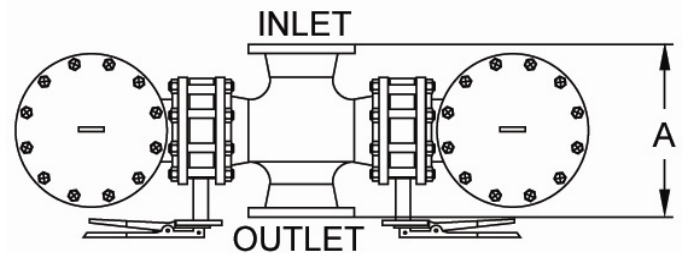
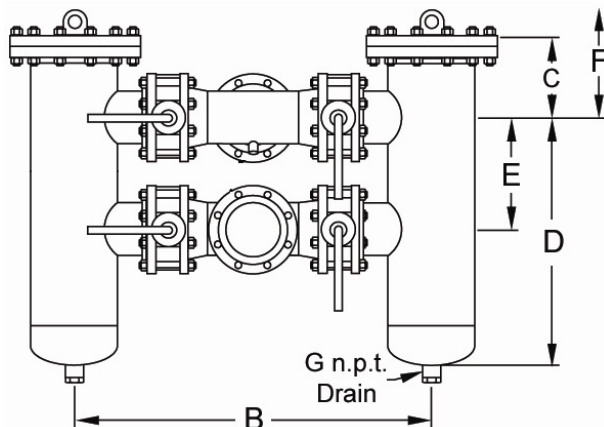


Model 150DBFS(S)BW2

## DIMENSIONS AND WEIGHTS FOR MODEL 150DBFS(S)BW2

Size		DIMENSIONS												Weight	
		A		B		C		D		E		F			
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	In	kg	lbs
50	2	914	36	330	13	152	6	279	11	635	25	20	3/4	127	280
80	3	1067	42	406	16	203	8	356	14	737	29	25	1	136	300
100	4	1245	49	406	16	203	8	356	14	787	31	25	1	204	450
150	6	1575	62	457	18	254	10	432	17	914	36	25	1	318	700
200	8	1880	74	559	22	305	12	533	21	1092	43	25	1	636	1400
250	10	2337	92	711	28	330	13	635	25	1473	58	40	1-1/2	840	1850
300	12	2642	104	610	24	356	14	711	28	1575	62	40	1-1/2	1249	2750
350	14	2896	114	813	32	457	18	838	33	1651	65	50	2	1816	4000
400	16	3200	126	813	32	508	20	914	36	1829	72	50	2	2406	5300
450	18	3556	140	1016	40	508	20	1016	40	2032	80	50	2	2679	5900
500	20	3962	156	1016	40	610	24	1168	46	2286	90	50	2	3632	8000
600	24	4623	182	1219	48	711	28	1016	40	2794	110	50	2	4086	9000

# DUAL BASKET STRAINERS



Model 150DBFS(S)BW3

## DIMENSIONS AND WEIGHTS FOR MODEL 150DBFS(S)BW3

Size	DIMENSIONS														Weight		
	A		B		C		D		E		F		G				
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lbs	
50	2	254	10	660	26	152	6	508	20	356	14	813	32	20	3/4	127	280
80	3	311	12-1/4	762	30	203	8	572	22-1/2	368	14-1/2	978	38-1/2	25	1	136	300
100	4	362	14-1/4	914	36	203	8	648	25-1/2	445	17-1/2	1054	41-1/2	25	1	204	450
150	6	464	18-1/4	1118	44	254	10	787	31	533	21	1295	51	25	1	318	700
200	8	559	22	1270	50	305	12	889	35	584	23	1499	59	25	1	636	1400
250	10	635	25	1626	64	330	13	991	39	660	28	1651	65	40	1-1/2	840	1850
300	12	737	29	1829	72	356	14	1219	48	762	30	1829	72	40	1-1/2	1249	2750
350	14	813	32	1930	76	457	18	1270	50	813	32	2184	86	50	2	1816	4000
400	16	864	34	2134	84	508	20	1372	54	864	34	2388	94	50	2	2406	5300
450	18	965	38	2388	94	508	20	1422	56	914	36	2438	96	50	2	2679	5900
500	20	1051	41-3/8	2642	104	610	24	1626	64	1016	40	2845	112	50	2	3632	8000
600	24	1168	46	3099	122	711	28	1930	76	1219	48	3353	132	50	2	4086	9000

## ORDERING CODES

	ANSI CLASS	STRAINER TYPE	CONNECTION TYPE	BODY MATERIAL	COVER TYPE	CONSTRUCTION TYPE	STYLE	SPECIAL OPTIONS
Example:	150	DB	F	S	B	W	1	
	125	DB – Dual Basket	F – Flanged	CI – Cast Iron	B – Bolted	C – Cast	1	CODE
	150		RTJ – Ring Joint	S – Carbon Steel	D – Bolted Cover With Davit	W – Welded	2	ISSUED
			BW – Butt-weld	SS – 304 Stainless Steel	H – Swing Bolt Hinged Cover		3	BY
				SS6 – 316 Stainless Steel				FACTORY
				SSL – 304L Stainless Steel				
				SS6L – 316L Stainless Steel				
				(Other materials are available upon request)				

Colton has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice



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