



NOTE:-

1. ALL DIMENSIONS ARE IN mm. IF NOT SPECIFIED.
2. HYDRO TEST PRESSURE 15 kg/cm²
3. END CONNECTION AS PER ASME B 16.5, 150# RF
4. FILTRATION AREA(P.SHEET) 5 TIMES PIPE INLET AREA.

MATERIAL OF CONSTRUCTION

SR. NO.	DISCRIPTION	CARBON STEEL		STAINLESS STEEL		QTY.
1	SHELL	MS		SS304	SS316	2
2	SHELL FLANGE	MS		SS304	SS316	2
3	COVER FLANGE	MS		SS304	SS316	2
4	IN-OUT NOZZLE	MS		SS304	SS316	4
5	NOZZLE FLANGE	MS		SS304	SS316	4
6	DISHEND	MS		SS304	SS316	2
7	P.SHEET	SS 304 (Ø6mm Holes)		SS304	SS316	2
8	WIRE MESH	SS 304		SS304	SS316	2
9	GASKET 'O' RING	NEOPRENE				2
10	EYE BOLT& NUT	IS 1367		SS304	SS316	--
11	DRAIN	ASTM A 105		SS304	SS316	2
12	VENT	ASTM A 105		SS304	SS316	2
13	HANDLE	MS		SS304	SS316	--
14	LEG	MS		SS304	SS316	6
15	BALL VALVE	WCB		SS304	SS316	2
16	STUD&NUT(VALVE)	IS 1367		IS 1367(ZINCPLATED)		--

SIZE	DIMENSION								ELEMENT		PCD HOLE		
	INCH	NB	A	B	C	ØD	E	F	M	ØG	H	ØI	ØJ
3"	80	757	180	400	8"	275	855	325	150	350	185	16	
4"	100	762	180	450	8"	310	940	360	150	400	185	16	
6"	150	938	230	537	10"	350	1117	430	205	465	240	18	
8"	200	1015	300	640	12"	450	1390	500	240	525	270	20	

CLIENT :-		QTY. :-	
PO.NO :-		W..O.NO:-	
SCALE :- NTS	SHEET :-1:1	DRAWING No.	REV.
FILE :-	DATE :- 27/03/2026	AFS-2501-150# - STD	00
TITLE :- DUPLEX BASKET FILTER WITH 3 WAY BALL VALVE ASME 150#		PROJECTION :-	
 ACME FLUID SYSTEMS www.strainersindia.com	PLOT NO-152/2, ROAD NO-5, G.I.D.C. KATHWADA, AHMEDABAD.		
		NAME	DATE
	ACAD BY	GPP	27/03/2026
	CHED BY	GPP	27/03/2026
	APPD BY	APT	27/03/2026