



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 | MATERIAL | | QTY. | |
|---------|-----------------|--------------|---------------------|-------|----|
| | | CARBON STEEL | STAINLESS STEEL | | |
| 1 | SHELL | MS | SS304 | 2 | |
| 2 | SHELL FLANGE | MS | SS304 | 2 | |
| 3 | COVER FLANGE | MS | SS304 | 2 | |
| 4 | IN-OUT NOZZLE | MS | SS304 | 4 | |
| 5 | NOZZLE FLANGE | MS | SS304 | 4 | |
| 6 | DISHEND | MS | SS304 | 2 | |
| 7 | P.SHEET | SS304 | SS304 | 2 | |
| 8 | WIRE MESH | SS304 | SS304 | 2 | |
| 9 | GASKET | NON ASBESTOS | | 2 | |
| 10 | STUD&NUT(SHELL) | 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 | | |