

# DIYA TRADERS

*Filtration Made Simple*

## Bag Vessel Assemblies



Bag vessel assembly keeps the filter system on stream by reducing bag filter change time. The single large acme thread closure ensures quick opening and positive sealing. Bag Vessel assemblies are light and portable. The bag vessel's economical price allows to install a preferred duplex system for totally uninterrupted flow rates. It is made of light weight corrosion resistant polypropylene to give all the strength without bulk. It has Fixed-head mounting and is compact enough to attach to any machine.

### Operation

Unfiltered fluid enters the housing and is distributed evenly around the filter bags. Filtration takes place from inside to outside. Solids are collected on the inside of filter bag for easy removal. The filtered fluid then exits through the outlet pipe.

### Features & Benefits

- All polypropylene construction
- High efficiency filtration
- Micron rating 1 to 200
- Snap lock bag sealing surface
- Positive sealing of different bag thickness
- Dynamic large o-ring seal
- Compression bag sealing surface
- Knife edge sealing

### Technical Specifications

#### Sizes

- Bag filter system suitable for
- Ø 4" x 10" Long Filter Bag
  - Ø 4" x 17" Long Filter Bag
  - Ø 6" x 20" Long Filter Bag

#### Flow Rate

Capacity : Up to 15000 lits /hr Per Unit & More

#### End connections available

- 1" NPT Inline
- 1.5" NPT Inline
- 2" NPT Inline

### Material Of Construction

• O-ring	Buna-N / EPDM / Silicone
• Cap	Polypropylene
• Sump	Polypropylene
• Gauge	Brass (Optional)
• Vent Plug	Polypropylene
• Drain Plug	High density Polypropylene (Opt.)
• Ball Valve	PVC / Buna-N Seals (Optional)
• Basket:	Polypropylene / SS 304
• Gasket:	Buna-N

