

HMB Bag Filter Vessel

Installation & Service Instructions

1. Place vessel on a flat surface and secure using mounting legs.
2. Prior to install, note port labels to confirm proper flow direction (inlet/outlet).
3. Connect piping to inlet/outlet ports.
4. Loosen eye-nuts and disengage swing-bolts.
5. Using hand-wheel, raise and rotate lid.
6. Inspect lid o-ring to confirm that it is free of defects and/or debris.
7. Inspect lid o-ring groove to confirm that it is free of debris.
8. Install bag filters. If using V-ring bag, snap into V-ring. If using S-ring, press into recess.
9. Rotate lid back into position and using hand-wheel, lower lid onto locating tabs.
10. Engage swing-bolts.
11. Alternately tighten eye-nuts until o-ring has been compressed. **DO NOT OVERTIGHTEN!**
12. Close outlet valve.
13. Slowly open inlet valve to allow liquid to fill vessel.
14. Open vent valve at top of vessel- leave open until steady stream of liquid is present.
15. Close vent valve.
16. Slowly open outlet valve.
17. Open inlet valve completely.
18. Inspect lid and all port connections for leaks.

Removal of Spent Bags

1. Close inlet valve.
2. Open vent valve.
3. Open drain valve.
4. Loosen eye-nuts and disengage swing-bolts.
5. Using hand-wheel, raise and rotate lid.
6. Remove spent filter bags.
7. Inspect lid o-ring to confirm that it is free of defects and/or debris. Replace if necessary.
8. Inspect lid o-ring groove to confirm that it is free of debris.
9. Repeat steps #8-18.

Warning/Safety

- If improperly used, pressure vessels may cause serious injury or death.
- Always wear proper protective clothing for the liquid being filtered. Check your MSDS sheets for instructions or suggestions.
- Do not operate the vessel in excess of the rated pressure and/or temperature found on the vessel label.
- Confirm chemical compatibility of selected o-ring and vessel material prior to vessel installation.