

At the end of the filtration cycle the collected cake is emptied from the vessel through the side discharge port. The side discharge employs a sealed plunger. When closed the plunger is contoured to be flush with the inside surface of the filter vessel. It is sealed with a wiper/seal and an o-ring or a metal to metal version. The plunger can fitted to be either manually or automatically operated.

Fixed Side Discharge

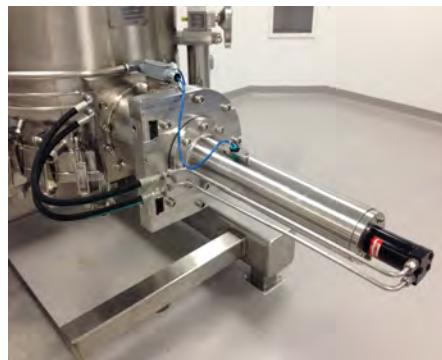


12" Fixed Side Discharge

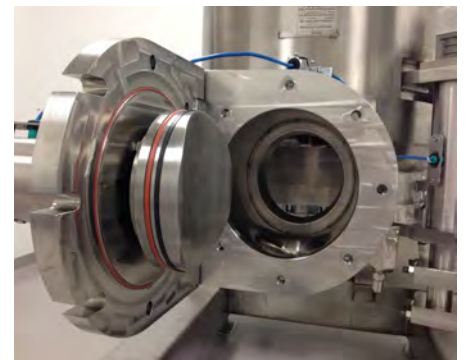
The side discharge can be ordered fixed to the filter vessel. Options include open/close limit switches, CIP capability, metal to metal seal, sight glass and a variety of discharge flange types. The fixed side discharge is a fully welded, sealed, and pressure retaining chamber. It allows cake transfer directly to air-tight containers. Steri's side discharge protects sensitive products from atmospheric contamination and separates operators from hazardous materials.

Swing Away Side Discharge

The side discharge can be ordered as a swing-away type. Options include open/close limit switches, CIP capability, metal to metal seal, sight glass and a variety of discharge flange types. The swing-away feature enables greater access to the vessel interior and reduces time required to inspect and maintain the plunger seals.

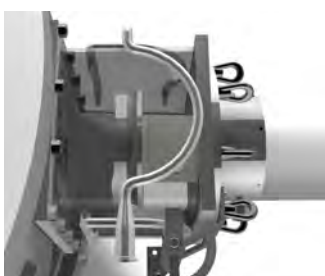


8" Swing Away (Closed)



8" Swing Away (Open)

Bellows, Polish & CIP



Bellows with CIP Nozzles

The side discharge plunger shaft can be fitted with bellows. Along with CIP spray nozzles located within the side discharge housing permits thorough washing.

For pharmaceutical or sterile applications, all components of the side discharge assembly that contact the product can be electro-polished to your specification.