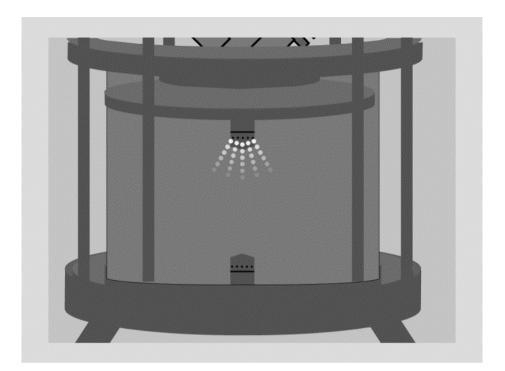
GE Healthcare Life Sciences

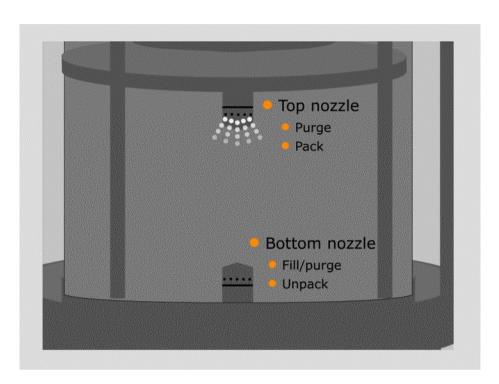


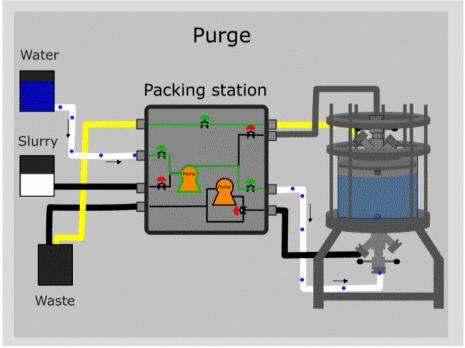
Packing requirements

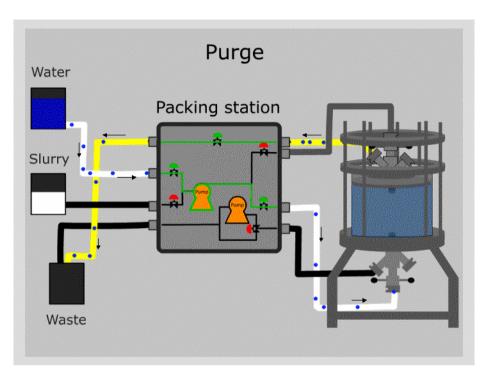
- Appropriate packing station
- Retractable packing nozzle
- A suitable packing method

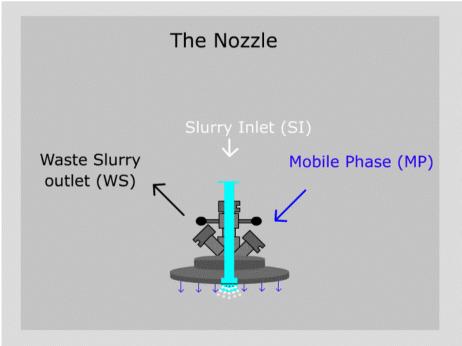
 NOTE: The method presented here is for use with GE Healthcare Chromaflow columns

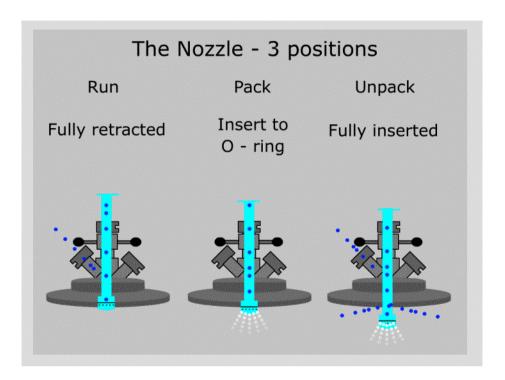












Pack in Place

- Set up
 - Column:
 - ChromaFlow[™] CFV 600 100/300
 - Equipped with 50 μm stainless steel screens
 - Retractable Nozzles
 - I.D. = 60 cm
 - $A_c = 2.83 \text{ L/cm}$
 - V_{c L=30} cm= 84.8 L

Pack in Place

- Column
- Gel: Q Sepharose Big Beads
 - Desired Bed Height L= 30
 - $d_{50} = 200 \ \mu m$

Pack in Place

- Slurry calculations
 - V_{c L=30} cm= 84.8 L
- Compression factor CF = 1.15
- V_{gs} required = $V_c \times CF = 97.5 L$
- Packing Buffer: Water
- Slurry %: 57
- SV = V_{gs} / Slurry % = 170 L

