



83 & 84 SERIES 3,000 & 6,000 PSI SERVICE INSTRUCTIONS

**** WARNING ****

RELIEVE ALL PRESSURE IN THE LINE BEFORE SERVICING FILTER ASSEMBLY

- 1) Follow all company & OSHA safety rules, such as wearing protective goggles and gloves, etc.
- 2) Disconnect the filter assembly from the system.
- 3) Unscrew the plug from the case.
- 4) Discard the plug seal.
- 5) Unscrew the filter element from the plug.
- 6) Discard the element seal.
- 7) Microglass elements are not recleanable, discard & replace.
Sintered elements need to be sent out for certified cleaning.
Stainless steel wire mesh elements may be cleaned as follows:
 - a. Remove external dirt in a separate container with cleaning fluid, and light brush.
 - b. Submerge the filter for thirty minutes in cleaning fluid.
 - c. Following the soak, purge element from inside to outside with clean compressed air or similar clean gas. DO NOT EXCEED 120 PSI..
 - d. Remove any remaining cleaning solution by dipping the filter in isopropyl alcohol, or drying appropriately.
- 8) Lubricate a new seal, install on plug. Be aware that Teflon (T) o-rings are difficult to engage. For specific instructions on Teflon installation contact the factory.
- 9) Lubricate a new seal, install on element.
- 10) Lubricate element and corresponding plug threads.
- 11) Thread the element into the plug. Torque to 5 ft. - lbs.
- 12) Lubricate the threads of the plug and case.
- 13) Thread the plug into the case. Torque to 20 - 25 ft. - lbs.
- 14) Reinstall the filter in the system and lubricate inlet & outlet threads.
- 15) Check for leaks when the system is pressurized. While system is re-pressurizing be sure to check for leaks.

NOTE:

The element life is based upon cleaning cycles and pressure drop. The estimated life of the stainless steel wire mesh element is approx. 10 cleaning cycles, depending on what is being filtered. If the element has exceeded this level, discard and replace.

The proper way to evaluate your element after cleaning is an ARP-901 Bubble point test. Contact factory for any cleaning or testing requirements.

Recommended cleaning fluids are acetone, mineral spirits and a variety of others. Halo-carbon grease and Krytox are our recommended lubricants. Other acceptable lubricants include petroleum jelly or silicone. Caution should be used when using dry lubricants, due to the fact that our threads are single point, precision threads and dry lubricants can disrupt clearances.



83 & 84 SERIES 10,000 PSI + SERVICE INSTRUCTIONS

**** WARNING ****

RELIEVE ALL PRESSURE IN THE LINE BEFORE SERVICING FILTER ASSEMBLY

- 1) Follow all company & OSHA safety rules, such as wearing protective goggles and gloves, etc.
- 2) Disconnect the filter assembly from the system.
- 3) Unscrew the plug from the case.
- 4) Discard the plug seals.
- 5) Unscrew the filter element from the plug.
- 6) Discard the element seal.
- 7) Microglass elements are not recleanable, discard & replace.
Sintered elements need to be sent out for certified cleaning.
Stainless steel wire mesh elements may be cleaned as follows:
 - a. Remove external dirt in a separate container with cleaning fluid, and light brush.
 - b. Submerge the filter for thirty minutes in cleaning fluid.
 - c. Following the soak, purge element from inside to outside with clean compressed air or similar clean gas. DO NOT EXCEED 120 PSI..
 - d. Remove any remaining cleaning solution by dipping the filter in isopropyl alcohol, or drying appropriately.
- 8) Lubricate a new back-up seal & o-ring seal and install on plug (back-up seal is installed closest to the threads). Be aware that Teflon (T) o-rings are difficult to engage. For specific instructions on Teflon installation contact the factory.
- 9) Lubricate a new seal, install on element.
- 10) Lubricate element threads.
- 11) Thread the element into the plug. Torque to 5 ft. - lbs.
- 12) Lubricate the threads of the plug and case.
- 13) Thread the plug into the case. Torque to 20 - 25 ft. - lbs.
- 14) Reinstall the filter in the system.
- 15) Check for leaks when the system is pressurized. While system is re-pressurizing be sure to check for leaks.

NOTE:

The element life is based upon cleaning cycles and pressure drop. The estimated life of the stainless steel wire mesh element is approx. 10 cleaning cycles, depending on what is being filtered. If the element has exceeded this level, discard and replace.

The proper way to evaluate your element after cleaning is an ARP-901 Bubble point test. Contact factory for any cleaning or testing requirements. Recommended cleaning fluids are acetone, mineral spirits and a variety of others. Halo-carbon grease and Krytox are recommended lubricants. Other acceptable lubricants include petroleum jelly or silicone. Caution should be used when using dry lubricants, due to the fact that our threads are single point, precision threads and dry lubricants can disrupt clearances.