

FILTER SYSTEMS OPERATIONAL MANUAL



WARNING!

High pressure air has
Tremendous Kinetic Energy
and should be treated with the
utmost caution.

Shut off any valves on storage
cylinders, fill station, or air
control panels. Depressurize
system slowly before starting any
service work.

This reduces risk of
Explosive Venting

General instructions for filter maintenance

1. Dry inside of filter housing with a clean cloth before installing new cartridge and check for corrosion.
2. Lubricate threads and O-rings as well as threads on filter chamber.
3. Observe number of operating hours to ensure compliance with service intervals.
4. Change cartridge before returning to service any compressor that has out of service for more than six months.
5. Leave cartridge in the filter chamber as long as the unit is out of service, in order to absorb moisture in the filter system.
6. Keep all condensate drain-valves and shut-off valves closed. Maintain a minimum pressure of approximately 50 to 80 BARG (700 to 1000 PSIG) within the system to prevent moisture entering the filter system.

Maintenance intervals

7. Replace cartridges every six months or according to Securus indicator.
8. All O-rings and back-up rings are to be changed with filters; lower filter cap O-ring and back-up ring changed annually.
9. Service check valve annually; replace kit.
10. Service auto drain annually; replace kit.
11. PMV serviced annually replace kit.
12. See respective section for complete procedures.