

POWEREX MAINTENANCE REQUIREMENTS

Medical breathing air and laboratory air compressor maintenance

- Intake filter
Inspect 500 hours or quarterly
Replace 2,000 hours or yearly
- Pump fins, cooler, and blower
Inspect quarterly
Clean 8,000 hours or if dirty
- Tip seals and grease pumps
Replace/grease 10,000 hours
(High pressure pumps 5,000 hours)
- Belts
Inspect quarterly
Replace every 8,000 hours
- Check valve
Replace every 8,000 hours
- Pressure switch/transducer operation
Inspect quarterly
Test yearly
- Safety valve operation
Inspect quarterly
- Pressure gauge operation
Inspect quarterly
- Moisture separator drains
Inspect quarterly
Replace yearly
- Tank timer drains
Inspect quarterly
Replace every 4 years
- Motor
Grease yearly

DRYERS

- Monthly switch over
Customer switch monthly
- Filter differential
Customer to check monthly
Technician to check quarterly
- Operation
Inspect quarterly
- Filter drains
(HMI, Dryer service alert given every 180 days)
Inspect quarterly
(PowerEx recommends every 6 months)
Replace yearly
- Filter elements and mufflers
Inspect quarterly
Replace yearly
(PowerEx recommends every 2 years)
- Desiccant
Replace every 4 years
(PowerEx recommends every 2 years)
- Dryer Valves
Replace every 4 years
(PowerEx recommends every 2 years)

DEW POINT MONITOR

- Operation
Inspect quarterly with JHFOSTER medical dew pointer tester
- Sensor bleed orifice
(HMI, DP Monitor service alert given every 90 days)
Inspect and clean quarterly
- Sensor
Inspect sensor indicator light status
Green - sensor operation good
Flashing green - sensor in calibration
Red - sensor above 35°F
Flashing red - sensor fault
Replace every 2 years

CO MONITOR

(medical breathing air only)

- Calibration
(HMI, CO Monitor service alert given every 365 days)
Required quarterly
(Enmet recommends at least quarterly)
- CO sensor
Replace every 2 years