

5. Maintenance

d. Maintenance Schedule

A proactive and aggressive maintenance program will help prevent costly shutdowns caused by premature failure of a component or device. This program will include periodic maintenance and inspections at appropriate time intervals based on experience and manufacturer recommendations. A simple, routine maintenance task left undone can result in complex corrective maintenance. Although preventive maintenance may seem expensive, the labor, parts and downtime required for corrective maintenance can be much more expensive. Scheduled maintenance programs reduce downtime and maintenance costs. The following list is the recommended maintenance schedule for your dryer system.

IR MAINTENANCE SCHEDULE		
IR Cassettes		
General	Clean with pressurized air daily or every 8 hours. This can be done while the cassettes are on the duct with a maximum of 30 PSI.	If this is not done dust can build up and make other cleaning processes more difficult or cause irreparable damage to parts or the system.
Glass & Reflector	Cleaned with a soft cloth and/or Windex® glass cleaner once a week or every 80 hours of operation.	Keeping the glass and the reflector clean will keep the efficiency from decreasing.
Lamps	Cleaned with a soft cloth and/or alcohol once a week or every 80 hours of operation.	Keeping dust and debris away from a heat source will reduce the risk of fire.
Lamp Test	Should be performed at the beginning of every shift.	If the lamps are non-operational, the efficiency of the system will decrease.
IR Duct & Cooling Fans		
General	Blow out with pressurized air every week or 80 hours of operation. The cassettes will need to be removed.	The life expectancy of the fans will not be compromised if they are kept clean.
Cooling Fan	Check for proper operation every week or 80 hours of operation.	Damage may occur to the dryer system or the press if the cooling fans are not kept in working order at maximum efficiency.
Filters	Clean with pressurized air every shift or 8 hours of operation. Replace on a regular basis every 1000 hours of operation or sooner if obstructed.	Obstructed filters will decrease the life of the dryer system and may cause irreparable damage.
Electrical Enclosures and Cables		
Filters	Clean with pressurized air every week or 80 hours of operation. Replace on a regular basis every 1000 hours of operation or sooner if obstructed.	Obstructed filters will decrease the life of the electrical components inside the enclosure and may result in irreparable damage.

Cables	Check electrical connections every week or 80 hours for loose connections and damaged shielding.	Loose connections and damaged shielding could result in injury or death.
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We recommend that you keep a log for recording operating conditions and maintenance work. You can use this record as an aid for identifying long-term maintenance costs. These records can also be a valuable resource for technicians during service calls and they can be used for warranty purposes as well.