Donaldson Torit®

MIST COLLECTORS

PREVENTATIVE MAINTENANCE SCHEDULE

Item	Frequency	Procedure
Exhaust of fan to ensure filter integrity	Daily	Monitor Exhaust from fan. The exhaust should remain visually clean. If a leak of mist develops, it will be noticed as a visual plum from the fan exhaust. If mist is visible consult your Installation and Operation Manual for troubleshooting recommendations.
Mist drainage system	Daily	Initially, monitor the drainage system (P-trap, collection bottle, other) to ensure proper drainage. Continue to monitor the drainage system on a weekly basis once you are sure it is operating properly. P-trap with strainer will need to me monitored for debris (chips, dust, swarf).
Collector filter pressure drop	Weekly	Visually inspect and record the operating pressure drop across each mist collector. It is normal for the pressure drop to fluctuate during operation as the collector drains during downtime cycles, and as production schedules fluctuate from light to heavy. New filters may have a pressure drop of less that 1" w.g., however, as filters become loaded with mist, they will reach an equilibrium pressure drop. Generally 1 to 6" w.g. is considered normal. Consult your Installation and Operation manual for troubleshooting recommendations.
HEPA/DOP afterfilter pressure drop	Weekly	Visually inspect and record the operating pressure drop across each afterfilter. A slight incremental increase in pressure drop is normal (approximately .25" w.g. per month). An excessively faster pressure drop rise could be an indication of a mist collector filter failure.
Filter pressure drop pneumatic lines	Monthly	To ensure correct pressure drop indication, remove one line at a time from the pressure drop indicating gauge barb fitting. Using a minimum 20 psi compressed air, blow through the line back towards the dust collector. (Do not use more than 25 psi to blow through clear poly tubing as damage may occur.)
Verify conditions of filters	Every 6 months	If filter element pressure drop exceeds 6"w.g. verify proper system airflow according to original design recommendations. Remember that excessive airflow can increase pressures drop. Change filters if necessary. Always use Donaldson superior filters for best performance and life.
Check fan and motor	Every 6 months	Check motor and fan for correct rotation by referencing the rotation sticker located on the motor mounting plate. Check for smooth operations of fan wheel and motor. Inspect for and tighten belts, nuts, bolts and setscrews as needed. Consult the Installation and Operation Manual for troubleshooting recommendations as needed.
Adjust exhaust damper as needed	Every 6 months	Airflow should be adjusted to match design recommendations. Excessive airflow can shorten filter life and cause fan motor failure.
Install filters correctly	During filter changes	Consult the Installation and Operation Manual for recommendations to correctly install new filters. Install new filters correctly prevent mist leakage. Improperly installed fiters can allow mist to pass though the mist collector.
Pulse diaphragms	Every 3 Months	Apply electrical and pneumatic service to the pulse cleaning control. Activate the pulse cleaning sequence by placing the control in continuous cleaning mode. Approximately every ten (10) seconds an audible pulse should be heard. This process should be performed simultaneously with the solenoid check described below.

Significantly improve the performance of your collector with genuine Donaldson Torit replacement filters and parts. **Call Donaldson Torit at 800-365-1331.**

Important Notice
Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.

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