

SERVICE BULLETIN / TECHNICAL TIPS

Title: SBW0109 - Wolf & Coyote Cabinet Maintenance – Filter Cleaning & Replacement

Timeline: Recommended every six months

Subject: Wolf & Coyote Cabinet Environments – Wolf PC, Wolf Line Controller, Coyote PC, and Coyote Master Controller

Note – The PC and the Line Controller are vital components to your “mission critical” system; without them you would not be able to make changes to system settings or process birds. That is why it is *imperative* to perform Preventive Maintenance (PM) on them and keep them on a regular PM schedule.

Dust, moisture, and poor climactic conditions in the control room can cause system failures within the cabinet, but with proper preventive maintenance, downtime and component failures can be avoided.

Dust – Dust is one of the biggest contributors to system failures by causing component overheating.

Line Controller – The filter in the line controller should be inspected on a regular basis and changed accordingly. If dust builds up on the filter, it will not allow the fan to cool the line controller. This will inevitably cause the line controller to overheat, shut down and, in some cases, it will cause permanent damage. A diagram of the Line Controller filter location is enclosed. Please call CFS for replacement filters

PC – The PC should be free of dust. Dust build-up could cause the fans to shut down and the PC to overheat. If dust is evident on the PC, simply wipe down the front of the PC and vacuum the “vent caps.”

Moisture – Moisture is one of the main enemies of electronic equipment. Over time, even with exposure to damp air, moisture can get into the PC and Line Controller and cause the electronic circuitry to corrode. Once corroded, this circuitry is irreparable and can cause a catastrophic failure of other components. Eliminating moisture can prevent downtime!

Office Environment – The cabinet should be kept in a “climate-controlled” environment free from dust and moisture.

In Summary, the Wolf/Coyote Control Cabinet is a “mission critical” element of your production process. Without it, the right bird cannot be sent to the right place which, in turn, will cause production and order delays. Performing preventive maintenance on these critical components will reduce, if not eliminate, downtime on your overhead sizing and distribution system.

If you are not comfortable with replacing the filter on the Line Controller or cleaning the PC, a CFS service technician can be scheduled to perform these operations for you. Please contact the CFS Service Department at (336) 841-7289 for pricing and scheduling.

Cleaning and Replacing the Fan Filter

A dirty fan filter can dramatically reduce the cooling performance of the chassis and cause catastrophic damage to the Line Controller. Clean the filter every six months, or when it becomes visibly dirty. Depending on the amount of use and ambient dust levels in the operating environment, the filter may require more frequent cleaning.

You can easily remove the chassis air filter from the bottom of the chassis:

1. Refer to your Standard Operation Procedures to properly shut down the Line Controller.
2. Always disconnect the AC and DC power before cleaning or servicing the chassis.
3. Observe standard handling precautions for static-sensitive devices while servicing the chassis.
4. Remove the Filter Cover Screw.
5. Remove the Filter Cover.
6. Clean the fan filter by washing it in a mild soap solution and then vacuuming or blowing air through it.
7. Rinse the filter with water and allow it to dry.
8. When the filter is dry, reinstall the filter; replace Filter Cover, Filter Cover Screw, and restore power.

Line Controller Filter Location

Line Controller Bottom View (Filter Access)

