



Air Curtain Maintenance Checklist

10 planned preventive maintenance tasks · Free PDF from PM Assist

A practical starting point for planned preventive maintenance. Always refer to the manufacturer's O&M manual and site-specific requirements.

Visual Checks

- ☐ Inspect electrical connections and isolation
- ☐ Confirm correct mounting and that the unit covers the full opening

Functional Checks

- ☐ Check the fan, impeller, and motor for operation and balance
- ☐ Verify the heating elements / coil operate correctly (heated units)
- ☐ Confirm the airflow velocity and pattern across the doorway
- ☐ Test door interlock / control so the curtain runs only when needed
- ☐ Check controls, speed settings, and any BMS/timeclock operation

Cleaning & Housekeeping

- ☐ Clean or replace the intake filter to maintain airflow
- ☐ Clean the discharge nozzle and casing of dust build-up

Record Keeping

- ☐ Record airflow, heating operation, and cleaning in the log

Maintenance Frequency

Quarterly

- Clean filter and nozzle
- Confirm fan and heating operation
- Check door interlock

Annually

- Full service and airflow check
- Heating element/coil service
- Controls and interlock verification
- Electrical checks