



Dehumidifier 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 seals and casing for air bypass and leaks (desiccant units)

Functional Checks

- ☐ Inspect the desiccant wheel and regeneration heater (desiccant units)
- ☐ Confirm humidity sensor accuracy and control to setpoint
- ☐ Check the fan, motor, and any belts for operation
- ☐ Verify electrical supply, isolation, and controls

Cleaning & Housekeeping

- ☐ Check and clean air filters to maintain airflow
- ☐ Inspect and clean the cooling coil (condensing units)
- ☐ Clear the condensate drain, pump, and tray

Safety Checks

- ☐ Verify refrigerant performance and carry out F-Gas leak checks (condensing units)

Record Keeping

- ☐ Record humidity control, condensate, and refrigerant/F-Gas data in the log

Maintenance Frequency

Quarterly

- Clean filters
- Clear condensate
- Verify humidity control

Annually

- Coil clean / desiccant wheel inspection
- F-Gas leak check (condensing)
- Sensor calibration
- Fan and electrical checks