

COOLING EQUIPMENT **MAINTENANCE CHECKLIST**

Use this quick checklist to assess whether your cooling equipment may need maintenance or repair. Regular maintenance can extend the life of your equipment and ensure peak performance.

GENERAL EQUIPMENT CONDITION

- Visible Wear and Tear:** Are there signs of rust, leaks, or unusual noises?
- Cleanliness:** Are all units free from dust, debris, or other blockages that may impede performance?
- Vibration:** Is there excessive vibration in any part of the equipment?

AIR DRYERS

- Reduced Air Quality:** Is the air output below expected quality levels (moisture, contaminants)?
- Pressure Drops:** Are you noticing frequent pressure drops?
- Increased Noise:** Is there any unusual noise indicating possible wear?

CHILLERS AND BLAST FREEZERS

- Temperature Consistency:** Is the temperature fluctuating beyond set parameters?
- Cooling Efficiency:** Does it take longer than usual to cool products?
- Regular Inspections:** Has it been more than 6 months since the last inspection?

ENVIRONMENTAL CHAMBERS & CONTROLLED ROOMS

- Precision Control:** Are temperature and humidity controls fluctuating or inconsistent?
- System Alerts:** Are there recurring system alerts or warnings?
- Calibration:** Has it been more than a year since the last calibration?

ICE MAKERS

- Ice Quality:** Is the ice cloudy or irregular in shape?
- Reduced Output:** Are you experiencing lower-than-expected ice production?
- Cleanliness:** Are all parts clean, especially water and storage areas?

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VACUUM COOLING (FRESH PRODUCE AND BAKERY)

- Temperature Control:** Is produce not cooling as quickly or effectively?
- Vacuum Issues:** Are there any noticeable issues with vacuum pressure or seal integrity?
- Downtime:** Are you experiencing unexpected downtime or system errors?

MOBILE PRE-COOL UNITS AND REFRIGERATED TRANSPORT

- Mobility Issues:** Are there issues with moving or setting up units?
- Temperature Inconsistencies:** Is the unit unable to maintain stable temperatures during transport?
- Energy Efficiency:** Are energy costs for mobile units unexpectedly high?

INDUSTRY-SPECIFIC SOLUTIONS

Pharmaceutical Cooling

- Temperature Sensitivity:** Are medications or samples not stored at consistent temperatures?
- Compliance Checks:** Are all units up to regulatory standards?

Download the guide 'Optimise Cooling Efficiency During Peak Summer Months' [here](#).

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