

# 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

### Dairy & Milk Cooling

- Quality of Milk:** Is milk spoilage occurring before expected?
- Packo-Vat Performance:** Are there fluctuations in cooling times or temperatures?

### 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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