



Refrigeration Developments
and Testing Ltd

Cabinet pre-test service

Testing of:

- Multi-deck cabinets.
- Full/half glass door cabinets.
- Well cabinets.
- Delicatessen cabinets.
- Bottle coolers.
- Special/bespoke cabinets.
- Integral or remote cabinets.
- Chilled or frozen cabinets.
- Testing for ECA accreditation.

We can also:

- Witness test at manufacturers' test facilities.
- Optimise performance of refrigeration systems (TEV or capillary).
- Carry out bespoke testing using real food or 'non standard' loadings.
- Help design and optimise cabinets.
- Redesign and rebuild cabinets using a combination of practical skills.
- Apply air flow design knowledge and use of mathematical models.
- Troubleshoot problems in installed cabinets.
- Provide training courses to design, develop and test cabinets.
- Manufacture test packs used for cabinet testing.

What is a pre-test?

A pre-test is where we dismantle your cabinet and comment on construction, air flow and general design. This means that these issues can be remedied prior to a full cabinet test and the likelihood of a cabinet being able to achieve the required temperature classification and energy consumption can be increased.

We cannot promise that by booking a pre-test your cabinet will comply with temperature and energy requirements, but we can be sure that the common problems often seen on cabinets are overcome. By correcting these issues prior to a full test in a test room it means that the time in the test room is used to optimise the cabinet performance and not to repair or remedy common faults.

The pre-test service

In a pre-test we will:

1. Dismantle the cabinet, examine its construction and look for common problems that affect performance.
2. Comment on components used in the cabinet and whether they appear to be suitably sized for an EN23953 test.
3. Measure air flows in the cabinet and comment on whether they appear appropriate for the targeted temperature classification.
4. Provide a report detailing all our comments and recommendations.

You then have the opportunity to remedy these issues or we can make the changes for you. We have found that by making a pre-test assessment of cabinets many common faults can be remedied relatively simply, giving your cabinet a better chance of complying with the EN23953 test requirements.



Refrigeration Developments and Testing, Churchill Building,
Langford, Bristol, BS40 5DU

Tel: +44(0)117 928 9239 Fax: +44(0)117 928 9314

Email: rdandt@rdandt.co.uk

www.rdandt.co.uk