



Environmental Test Chamber

New environmental test chamber made from MISA cool room panels

SKOPE's new \$1 million environmental test chamber for its commercial refrigeration and foodservice products significantly increases testing capacity, improves accuracy and ensures faster project turnaround times.

Made from MISA modular cool room panels, a product SKOPE imports from Italy, the test chamber can be set to temperatures ranging from three to 50 degrees Celsius, with up to 90 per cent humidity.

This means almost any environment can be simulated, which is important when refrigeration cabinets need to perform at the highest standard in some of the harshest climates in the world, such as Darwin and the Middle East. Testing in these conditions ensures consumers are guaranteed a cold drink every time and, most importantly, ensures food and safety standards are consistently met if not exceeded.

Officially opened by Minister of Science and Innovation Hon. Steven Joyce, the test chamber is part of SKOPE's company-wide boost in research and development, which includes doubling the research and innovation team over the past three years to ensure they continue to design and manufacture market-leading products.

SKOPE went to great lengths to ensure the design of the new test chamber was state-of-the-art and a world-leader. They worked with the Ministry of Science and Innovation (MSI) for a global expert

search to source the best designer for the room conditioning plant. MSI identified several excellent candidates and this was narrowed down to Tescor from the USA. Tescor visited SKOPE's facility in Christchurch and designed and specified the room, which was then assembled by local contractors.

Construction of the MISA test chamber ran exceptionally smoothly, with the main installation taking three men merely three days. Two workers finished the project in a further two days, installing doors and trim etc, with the chamber being ready for testing just days later.

The test chamber is designed in compliance to ISO 2353-2 standards and is measures 11m x 6.2m x 3.3m. The new test chamber can test up to six chillers simultaneously, providing more testing capacity than SKOPE's existing test rooms combined, along with increased accuracy.



Hon. Steven Joyce officially opens SKOPE's new test chamber, with Alexandra and Robert Stewart

