



THE HEART OF FRESHNESS

USER REPORT // BITZER AUSTRALIA

IKEA NORTHLAKES PROJECT

IN PARTNERSHIP WITH ACTROL & MC INDUSTRIES



SWEDISH HOMEWARES MEGASTORE CHOOSES BITZER FOR FOOD HALL FRESHNESS

Iconic Swedish furniture and homewares brand IKEA recently constructed a new store just off the Bruce Highway at North Lakes, featuring a 29,000 sqm show room.

Construction work finished in November and with the store set to open in time for Christmas, installation and commissioning of refrigeration equipment needed to run smoothly and be completed on time and on budget.

The contract was to deliver and install substantial cold rooms for the food hall areas. For refrigeration, Evolution units were chosen over the competition due to the customisation available and their Australian made pedigree.

The consultant managing the project specified that BITZER Semi Hermetic units were to be used. Energy efficiency and reliability under extreme conditions was the key deciding factor, resulting in Evolution 3 & 4 air cooled condensing units being selected to run both the refrigerated display units and the cold rooms and freezers.

BITZER's Daniel Brown and the Brisbane sales team worked with Engineer Noel Otto of Actrol Herston and Alan Parsons of Reece HVACR Morayfield to supply a series of fit-for-purpose BITZER Evolution units. Local contractor Mick Cooper of MC Industries and his specialist sub-contractor team took care of controls and commissioning.

The units were mounted on the IKEA rooftop, so reliability under extreme conditions was required. Actrol had BITZER customize the condensing units to operate at 6 KTD on average so that even on the hottest summer days, the units would perform dependably. The Evolution units were selected to operate at 45 degrees ambient.



Artist's impression of the new site



Coolroom exterior



Fresh food service area

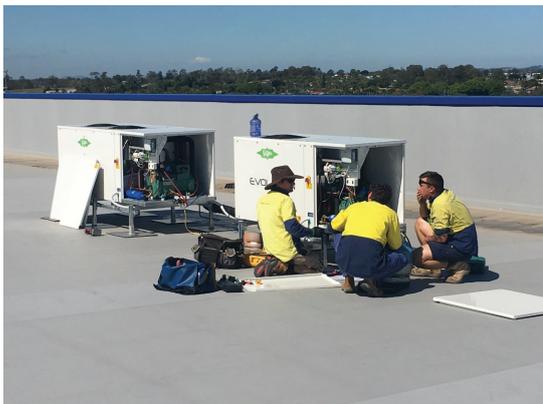


Fresh food area

"EVOLUTION UNITS WERE CHOSEN OVER THE COMPETITION DUE TO THE CUSTOMISATION AVAILABLE, AND THEIR AUSTRALIAN MADE PEDIGREE."

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BITZER Evolution units during commissioning



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