

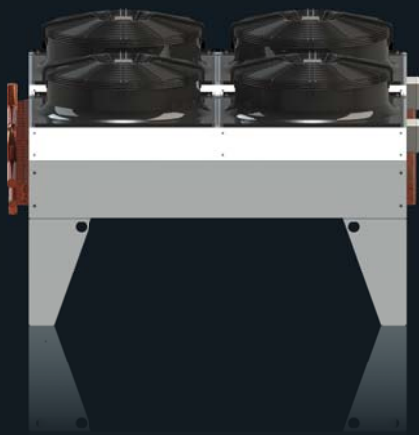
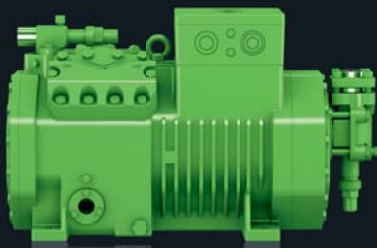


THE HEART OF FRESHNESS

USER REPORT // BORDER REFRIGERATION

# SWEET'S STRAWBERRY RUNNERS PROJECT

IN PARTNERSHIP WITH GORDON BROTHERS INDUSTRIES



## SWEET'S STRAWBERRY RUNNERS – AN EXERCISE IN ADDING VALUE WITH CUSTOM FACTORY OPTIONS

Sweet's Strawberry Runners is a specialised plant nursery located in Stanthorpe QLD and is a key supplier of strawberry and raspberry plant runners to farmers nationally. The runners have a narrow harvest window and need to be processed quickly to ensure product quality and optimal growth outcomes for the farms.

Sweet's engaged local contractor Border Refrigeration who has significant experience and reach in the granite belt region. Border requested Gordon Brothers Industries to review the site and provide design engineering for the complex multi-application install.

After consultation with BITZER it was decided to incorporate the BITZER CR11 capacity control system allowing a 10 to 100% virtually step-less control perfectly responding to the application challenges.

Border proceeded with:

- a) A twin compressor 6 cylinder reciprocating rack with lead CR11 via CM-RC 01
- b) Extensive custom electrical switchboard using Carel control
- c) FMC 6 fan condenser with EC fans



Local contractor, Border Refrigeration



Site inspection prior to installation



The storage facility

As the harvest approached rapidly it was recognised that the install logistics would become critical factors for on-time completion. BITZER were requested to supply a higher level electrical solution including dual temp switching control, evaporator EEV drivers, room control, evaporator circuit controls and inclusion of custom electrical components. We supplied a full electrical drawing set for approval so Border could pre-confirm the suitability of the electrical supply and ensure it met site requirements.



Customised switchboard

Delivery and commissioning was completed in January 2017 and met the harvest timeframe. The contractor commented that including a customised electrical switchboard enabled them to achieve the client's requirements where it would have been very challenging if not impossible without this factory option.

Project Contact:  
Daniel Brown, BITZER QLD

"THE CONTRACTOR COMMENTED THAT INCLUDING A CUSTOMISED ELECTRICAL SWITCHBOARD ENABLED THEM TO ACHIEVE THE CLIENT'S REQUIREMENTS."



Twin compressor rack



Freshly harvested product



FMC Series condenser

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