



Your HVAC&R Business Partner

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Images: Dave Redden from Refrigeration innovations wins Best HVAC&R Retrofit or Upgrade for IGA Boccaccio Cellars, Balwyn, VIC.

HEATCRAFT CELEBRATES AN AIRAH AWARD WIN WITH REFRIGERATION INNOVATIONS

The winners of the prestigious 2016 AIRAH Awards have been announced at a black tie gala event at Sydney's Luna Park. Refrigeration Innovations was awarded Best HVAC&R Retrofit or Upgrade for the refurbishment of IGA Boccaccio Cellars, Balwyn VIC project.

The IGA Boccaccio Cellars project consisted of a multi-million dollar refurbishment, including an enlarged supermarket and liquor area, refurbished and enlarged wine cellar, delicatessen, butcher, green grocer, basement car park and aboveground apartments.

With energy savings and carbon reduction objectives, the project team lead by the Project Consultant Dave Redden of Refrigeration Innovations, adopted a holistic approach, which included a Kirby hybrid CO₂ / R134a parallel rack system to deliver heating and cooling, Copeland digital scroll compressors, variable speed drives, EC fans, an advanced Emerson control system, enclosed refrigeration cases, LED lighting and rooftop solar panels.

The supermarket increased from 1200m² to 2400m². The low temperature refrigeration increased by 60% sales capacity, while the medium temperature refrigeration increased by 380% sales capacity. As a result of all the technologies employed, initial estimates indicate the owners will achieve savings in the region of 20-30%.

Mr Redden accepted his award acknowledging the wider project team consisting of;

Fuller Refrigeration, the installing contractor

Heatcraft Australia, responsible for the design and supply of the refrigeration system, including the hybrid parallel rack system and remote condenser

Emerson Australia, responsible for the supply of the refrigeration control system and Copeland digital scroll compressors

LMOB Electrical Control – Project Electricians

He commented;

“We first approached Heatcraft with the idea of producing a hybrid rack that was dimensionally acceptable for the sound proof container plant room we would need to use for the project. Right from the start Heatcraft rose to the challenge. Coupled with the great efficiencies produced by the Copeland CO₂ scroll compressors, we felt we were on the right track of achieving the client's goals of a sustainable energy efficient system. From there we expanded the holistic approach to the store comfort cooling and heat of rejection from the plant to warm the store when needed, the plant performed these duties admirably.”



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“It was definitely a team effort with a common goal of high efficiency, energy saving and sustainability for the future.”

Tom Overs Vice President and General Manager, Heatcraft Australia added;

“Heatcraft Australia congratulates Refrigeration Innovations on this award winning project. The Kirby hybrid CO₂ / R134a parallel rack system was the 2nd developed together with Dave Redden. The success from the IGA Boccacio project has led to continued traction with similar hybrid systems being sold into other supermarket installations.”

To contact Refrigeration Innovations, email sales@refrigeinnovations.com.au. To contact Fuller Refrigeration, phone (03) 9722 2622. For more information on the Kirby parallel rack system and other equipment used on the project, contact Heatcraft Australia on 13 23 50.

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About Heatcraft:

Heatcraft Worldwide Refrigeration is the long-standing leader in the world of commercial refrigeration, providing climate-control solutions to customers in more than 70 countries. Heatcraft has long been known for combining innovative technologies with precision engineering to design refrigeration systems capable of meeting the demands of the most rigorous operating environments.

As part of Heatcraft Worldwide Refrigeration, Heatcraft Australia and New Zealand is a leading wholesale distribution business catering for the refrigeration and air conditioning trades with a distribution network of over 70 wholesale outlets. Through our partnership with Lawrence & Hanson Electrical we're expanding our distribution footprint to bring even greater access to a complete range of HVAC+R and Electrical products. Our exclusive brands include Kirby, Lennox, Gas2Go, InterLINK and Smart@ccess.

Heatcraft is committed to being your HVAC&R Business Partner.

About Refrigeration Innovations:

Refrigeration Innovations was established in 2001 with the aim of providing clients with the best in equipment and value for money for their projects. Since then they have been involved in over 300 projects for Supermarkets, Cold Stores, Speciality stores and restaurants both within Australia and overseas. The Refrigeration Innovations philosophy has not changed - with smart design and good equipment, clients can be assured their business will be able to function to its full potential.