

Studies in success



Kirby® engineered to order CO₂ supermarket solutions



Heatcraft Australia recently designed a unique Kirby refrigeration rack system with Dave Redden of Refrigeration Innovations P/L for use at two Victorian supermarkets.

A partnership with Emerson Australia provided the opportunity to develop the racks with Copeland digital stream / scroll compressor technologies and sound shells to the high stage (medium temperature) compressors.

The two customised systems completely designed and manufactured by the Heatcraft Engineering and Production teams at Milperra are an example of the design and innovation available in the Kirby Compressor Rack range.

The manufacturing team were well supported by the engineering team throughout the production process.

“Attention to detail and a commitment to the production schedule ensured timely delivery with no compromise on quality”

Parallel compressor systems provide optimal efficiency year round in variable climates and changing load conditions.



At a glance...

The Business Need:

A customised solution with time saving features and installer ready CO₂.

The Solution:

Product: Heatcraft NxGen Parallel Rack System
(Hybrid CO₂ / R134a system)
Refrigerants: CO₂ (L/T Freezers) / R134a (M/T Coolers)

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Kirby centralised solutions can be tailored for all refrigeration & HVAC applications for all sizes of installations and refrigerants. Refrigerant options range from R744 (CO₂) to HFC variants with leading innovation to support new generation refrigerant alternatives.

Kirby parallel compressor systems are conveniently packaged with standard feature inclusions and optional wiring and system control / switchgear value features to help minimise installation times.



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