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About the case study

Market Needs

Flexible and efficient solutions that meet new regulation requirements

Proposed Solution



Natural Refrigerant (R290)



Current Portfolio Fixed Speed Solution



New Portfolio Variable Speed Solution

Case Study Parameters

	VRL3B	VRL3B1A
Compressor	NT2160UV x 2	FMFT413U x 2
Refrigerant	R290	R290
Charge per circuit	150 g x 2	90 g x 2
Type	Fixed Speed	Variable Speed
Defrost	Electric	Hot Gas
Evaporator	Al / Al	Cu / Al
Condenser	Steel Tube	Microchannel
Input Power	208 - 230V 60 Hz	115V 60 Hz



Future Proof Solutions to lower total cost of ownership in food retail applications

EMBRACO + HUSSMANN:

a partnership with results to show!

Embraco, a global reference in technology for refrigeration systems, and Hussmann, a leader in food retail merchandising and refrigeration, joined efforts to **raise the bar for food retail applications**.

For more information & to see the completed case study please use the QR Code on back

Main results

Energy savings

Reduction of 29% in energy consumption

Food preservation

13.5% less variation in product temperatures

Sustainability

Reduced 10,013 kg of CO2e per unit/ life cycle

Payback in less than 2 years based on estimated energy savings

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