

Transition to R290 refrigerant

Smarter. Greener. More Efficient.



Why did we transition to R290?

Refrigeration regulations and sustainability standards are changing fast. Governments and industries worldwide are phasing down high-GWP refrigerants in favor of low-impact alternatives. R290 (propane) meets these standards today and positions your operation for long-term compliance and reliability.

What is R290?

R290 is a natural, environmentally friendly refrigerant used worldwide in commercial refrigeration. It delivers higher efficiency, lower environmental impact, and better performance than traditional refrigerants.

What is GWP and why does it matter?

Global Warming Potential (GWP) measures how much heat a refrigerant traps in the atmosphere compared to CO₂. Lower GWP - dramatically lower environmental impact if refrigerant is released.

Model	Refrigerant	GWP
112 Series Champion	R513a	631
114 Series Champion	R290	3

What's in it for you?

Lower energy costs: Up to 32% improvement in energy efficiency

More ice, same footprint: Higher production without increasing space or complexity

Model	Energy Use	Daily Ice Production 90/70	Daily Ice Production 70/50
112 Series Champion	6.2 kWh / 100 lb of ice	90 lb	100 lb
114 Series Champion	4.7 kWh / 100 lb of ice	100 lb	125 lb

Sustainability without compromise

- Environmentally friendly refrigerant
- Reduced carbon footprint
- High efficiency and high output
- Proven, widely adopted technology

It's not just a greener choice — it's a better-performing machine!



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