

TRANSITION to R290

REFRIGERANT

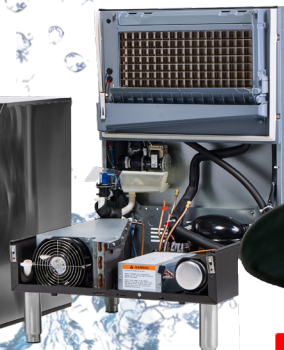
FOR ICE MACHINES & BEVERAGE SYSTEMS

A Smarter, Greener Future

Better for the Environment
Better for Your Business

What's Changing?

The industry is moving toward R290 (propane) refrigerant, an environmentally friendly alternative to traditional refrigerants like R404A. Manitowoc Ice, Koolaire Ice, and Crysalli Beverage Systems are designed with R290 (propane) refrigerant, a natural hydrocarbon that delivers reliable performance with lower environmental impact and improved energy efficiency.



What is R290?

R290 (propane) is a natural hydrocarbon refrigerant with excellent thermodynamic properties and an ultra-low Global Warming Potential (GWP ≈ 3).

Safety First!

- R290 is flammable (A3 classification).
- Use approved tools only
- Ensure proper ventilation
- Follow all manufacturer & code requirements
- Service by trained personnel only

Why the Change?

- Eco-Friendly**
Ultra-low GWP (≈ 3)
- Energy Efficient**
Lower operating costs
- Regulation Compliant**
Meets current and future environmental standards

Service Updates

- NO retrofitting existing units**
- Use R290-rated recovery equipment
- Proper labeling required

What Does This Mean

- New Manitowoc Ice, Koolaire Ice and Crysalli machines will use R290 refrigerant
- Updated installation & service procedures required
- Technicians must follow new safety guidelines

Training Required

- Stay current with manufacturer training
- Updated service manuals
- Refrigerant handling certifications

Southern Ice Brands
Transition to R290

Manitowoc
FROM PENTAIR WATER SOLUTIONS

KOOLAIRE
FROM MANITOWOC

Crysalli
Beverage Systems

Southern Ice
EQUIPMENT DISTRIBUTORS
Baker Distributing Company

Important Information: This document has been prepared using regulatory and industry information available at the time it was issued. Because regulations, deadlines, and technical requirements may be updated periodically, readers should verify current requirements independently. Equipment capabilities and compliance standards can also vary based on the manufacturer and specific model. The material provided here is intended as general reference information only.

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