

# HUSSMANN®

# EVOLVE®

R-290

## A Natural, Eco-Friendly Solution FOR THE FOOD RETAILING INDUSTRY

### microDS™

Hussmann's new microDS system is charged with R-290 propane—a natural, non-toxic refrigerant that is environmentally safe.

- microDS provides excellent refrigeration in full-sized grocery merchandisers—low and medium temperature reach-ins and even open 5 and 6 level multi-decks
- microDS is future-friendly; R-290 is a natural refrigerant, and as a result it is protected from ever-changing state and federal refrigerant regulations and also lowers overall store GWP
- The self-contained system is brazed, refrigerant-charged, programmed, and fully tested during manufacturing enabling faster, easier installation
- Simple hose connections to water/glycol loop and no field refrigerant connections make installation quick and simple for new construction and remodels alike
- Due of their design simplicity and similarity to traditional DX systems, microDS units are more easily maintained and serviced

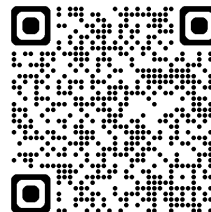


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# microDS™ Natural, Eco-Friendly Solutions

## Advantages of Our Micro-Distributed System

- Excellent future-friendly remodel solution
- Quick-connection cases are easily moved to accommodate planogram changes
- Efficient closed water loop technology for cooling
- Wide range of inlet water temperature
- Solid-state components
- Electrical connections available as plug-in or optionally as hard-wire
- Simplified high-side equipment



Scan the QR code or go to [www.husmann.com/R-290-refrigeration](http://www.husmann.com/R-290-refrigeration) to find out more.

## Additional Facts About microDS

### ECO-FRIENDLY AND FUTURE-FRIENDLY

- R-290 propane is a natural, non-toxic, environmentally safe refrigerant
- R-290 has a small global warming potential (GWP) rating of 3 and an ozone depletion potential (ODP) of **zero**
- The EPA lists R-290 propane as an acceptable refrigerant substitute under its Significant New Alternatives Policy

### R-290 PROPANE REFRIGERANT

- **microDS** cases are currently R-290 factory-charged with 150 g (5.3 oz)—upcoming high-charge cases will be available soon and feature up to 304 g (10.7 oz) for doored cases and up to 494 g (17.4 oz) R-290 for open cases
- The application of R-290 reduces the full store refrigerant charge by 90–95 percent vs. stores using HFC refrigerants
- Increased R-290 charged cases (304 and 494 gram per circuit) feature a single compressor system per case—reducing system complexity compared to multiple compressor systems and improving overall serviceability

### GREAT FOR REMODELS

- Much faster commissioning than HFC, A2L, or CO<sub>2</sub> remodel situations and especially advantageous for partial remodels
- Faster installation and no down time; run the water and electrical lines overnight, take out the old cases, then plug in your new **microDS** cases
- Hussmann R-290 water-cooled products now available in reach-ins, open multi-deck, and walk-in cooler and freezer applications



4-door RL merchandiser shown

## We Look Forward to Talking with You

For more information contact:  
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