



**THE MOST ENERGY  
EFFICIENT,  
LOWEST GWP  
REFRIGERANTS FOR  
COMMERCIAL  
REFRIGERATION**

**Honeywell**

## NEW SUPERMARKETS AND RETROFITS

### HONEYWELL SOLSTICE® N40 (R-448A)

#### The Best Option for New Supermarkets or R-404A Retrofits

Solstice N40 is a hydrofluoro-olefin (HFO) blend designed to replace R-404A in low- and medium-temperature refrigeration applications.

#### FEATURES AND BENEFITS:

- U.S. EPA SNAP-listed and UL listed
- GWP of 1273 is 68% lower than R-404A
- Solstice N40 demonstrates a 5-16% percent lower energy consumption in medium-temperature refrigeration compared with R-404A
- Approved for use with major compressor manufacturers
- Near drop-in replacement for R-404A and R-507
- Non-ozone-depleting and nonflammable (ASHRAE A1)
- The lowest GWP, A1 replacement for R-404A and R-507 available today

### GENETRON PERFORMAX® LT (R-407F)

#### The Best Option for R-22 Supermarket Retrofits

Genetron Performax LT provides the closest match to R-22 performance in supermarket retrofits (compared to R-438A and R-407A).

#### FEATURES AND BENEFITS:

- U.S. EPA SNAP-listed and UL listed
- Best capacity match to R-22 in low- and medium-temperature refrigeration applications
- GWP of 1674 is among the lowest of HFC R-22 alternatives; better for the environment and reduces potential GWP-based fees
- No TXV changes or adjustments, eliminating most retrofit costs
- Maintains positive superheat, protecting expensive compressors
- Approved for use with major compressor manufacturers
- Non-ozone-depleting and nonflammable (ASHRAE A1)

### HONEYWELL SOLSTICE 513A (R-513A)

#### A perfect match for R-134a in capacity and efficiency

Solstice 513A is a non-ozone depleting, low global warming potential (GWP) hydrofluoro-olefin (HFO)- based refrigerant developed to replace R-134a in positive displacement, direct expansion, medium-temperature commercial and industrial chillers, as well as flooded and/or centrifugal chillers.

#### FEATURES AND BENEFITS:

- Safe and nonflammable (ASHRAE A1)
- Close performance match to R-134a for retrofit and new systems
- Azeotrope with zero glide
- Approved by major equipment and component manufacturers
- Compatible with existing R-134a equipment design/lubricants

## NEW REFRIGERATION EQUIPMENT AND RETROFITS

### HONEYWELL SOLSTICE N13 (R-450A)

#### The Best Nonflammable Replacement for R-134a

Solstice N13 is an HFO blend designed to replace R-134a medium temperature refrigeration equipment, such as heat pumps, air- and watercooled chillers, vending machines and beverage dispensers, high stage of CO<sub>2</sub> cascade systems and DX medium temperature refrigeration.

#### FEATURES AND BENEFITS:

- U.S. EPA SNAP-listed and UL listed
- Replaces HFC-134a in medium temperature systems
- GWP of 604 is 60% lower than R-134a
- >90% capacity with similar efficiency (101-103%)
- Negligible glide (0.4°C) can be addressed during system design
- Lower discharge temperature than R-134a
- Nonflammable (ASHRAE A1)
- Approved for use by major compressor manufacturers



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8742 FP | August 2020

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