



**Honeywell**  
Solstice® N40

**LOW GWP**  
**AND HIGHER**  
**ENERGY**  
**EFFICIENCY**

Solstice® N40

**Honeywell**

# SOLSTICE® N40 (R448A) IS THE MOST ENERGY-EFFICIENT, REDUCED-GWP ALTERNATIVE TO R404A AVAILABLE

The superior energy efficiency of Honeywell Solstice® N40 (R448A) makes it a clear winner compared to R404A. Add in its significantly lower global warming potential — more than two-thirds lower — and it's easy to see why Solstice N40 should be your refrigerant choice for years to come. It's a nonflammable (ASHRAE A1) replacement for R404A or R22 in supermarket applications.

## SOLSTICE N40 IS SIMPLY BETTER

As the charts below show, Solstice N40 (R448A) demonstrates lower energy consumption, increased refrigeration capacity and coefficient of performance (COP) compared to R404A.

## RAPID, COST-EFFICIENT ADOPTION

Honeywell has made switching to Solstice N40 (R448A) a breeze. It's a near drop-in replacement, so you don't have to worry about a long learning curve. With Solstice N40, you can get right to work.

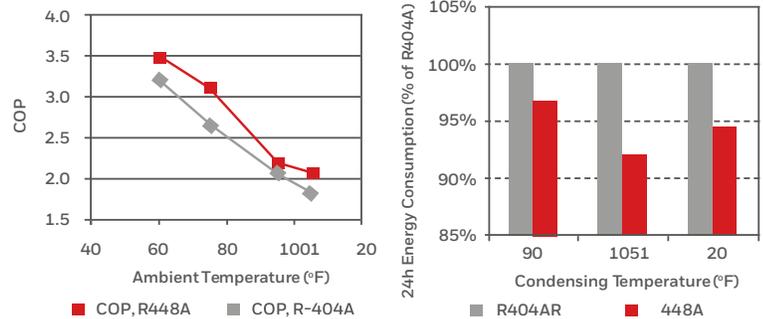
- Similar operating pressures as HFCs
- Same lubricant as HFCs (POE)
- Compatible with all system components
- Solstice N40 in approval process for use with Copeland Discus and Scroll, Bitzer, Carlyle

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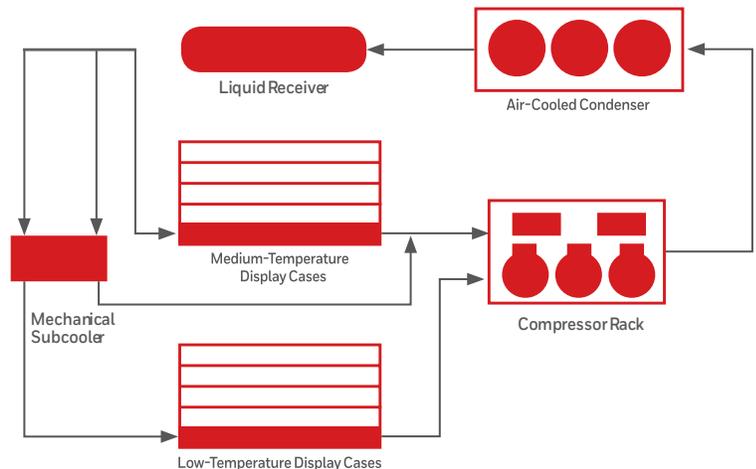
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- Low- and medium-temp refrigeration applications
- Nonflammable (ASHRAE A1)
- Near drop-in replacement for R404A
- GWP of 1273 is 68% lower than R404A and 34% lower than R407A
- 5-10% higher energy efficiency than R404A
- Equivalent to R22 performance in low and medium-temp applications



In recent laboratory tests at Emerson Climate Technologies, Solstice N40 demonstrated up to 8% lower energy consumption than R404A.



Above: In a full-scale supermarket refrigeration experimental evaluation under controlled laboratory conditions at Oak Ridge National Laboratories, Solstice N40 increased system COP by 11.6% and capacity by 7.5% over the ambient temperature range

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