

Honeywell
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September 26, 2011

Subject: Copeland approval of Genetron® Performax™ LT (R-407F)

Dear Genetron Wholesaler:

The Copeland division of Emerson Climate Technologies has approved the use of Honeywell's Genetron Performax™ LT (R-407F) in their line of semi-hermetic "Discus" compressors as a retrofit refrigerant. This approval covers all compressors currently using R-22 or R-22 like interim blends. Moving from R-22 to an HFC such as Performax LT requires a change to synthetic lubricants. Copeland will be updating and releasing a revised version of their Bulletin 93-11 to include Performax LT. More details concerning specific applications will be forthcoming from Copeland.

Performax LT (R-407F) offers the best overall performance when compared to other retrofit R-22 solutions on the market. It preserves the capacity of the system while requiring few, if any adjustments to TXVs and other system operating controls. Performax LT also has the lowest GWP of any R-22 retrofit refrigerant offering while maintaining the systems performance.

Performax LT serves as an R-404A replacement for customers concerned with their corporate carbon footprint. It provides a reduction of almost 50% in GWP values while increasing the systems overall efficiency which leads to a reduction of both direct and indirect environmental impact.

For specific retrofit guidelines and application bulletins, please visit:
<http://www51.honeywell.com/sm/genetron/>.

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