

Solstice® Refrigerants

Low- and Reduced-GWP Refrigerant Options for
Commercial and Residential Air Conditioning

Solstice® Refrigerants

☀️ Maximize comfort and energy efficiency without sacrificing performance



Honeywell Solstice Refrigerants for Chillers

With pressure increasing to phase out high global warming refrigerants, chiller manufacturers around the world are adopting lower-global-warming replacements. There's no better time to talk to your chiller manufacturer about Honeywell's low- and reduced-GWP Solstice® refrigerant offering for chillers. Choose the best match for your building from the table to the right.

CHILLER DESIGN	CURRENT PRODUCT	REPLACEMENT PRODUCT
Low Pressure	R-123 GWP = 77	Solstice zd (R-1233zd) GWP = 1
Medium Pressure	HFC-134a GWP = 1430	Solstice ze (R-1234ze) GWP < 1 Solstice N13 (R-450A) GWP = 604 Solstice 515A (R-515A) GWP = 392
High Pressure	R-410A GWP=2088	Solstice L41z GWP=740 Solstice L41y GWP=698



Honeywell Solstice Reduced GWP Options for Residential Air Conditioning

Honeywell's new series of low- and reduced-global warming potential (GWP) refrigerants deliver an environmentally preferable way to keep homes and buildings cool.

- GWP reductions of 50 – 99% over current products
- A close match to existing equipment designs and compressors, allowing rapid, cost-efficient adoption
- Suitability for retrofitting in some cases
- Good performance and efficiency over a broad temperature range – reducing indirect emissions
- Easy, familiar serviceability with the same operating pressures as existing HFC refrigerants

EQUIPMENT TYPE	CURRENT PRODUCT	REPLACEMENT PRODUCT
Stationary A/C	R-22 GWP = 1760	Solstice N20 GWP < 1000 Solstice L20 GWP < 300
	R-410A GWP = 2088	Solstice L41y GWP = 698

INTERESTED IN LEARNING MORE?

For more information or technical assistance, please call **1-800-631-8138** (Option 2).

Although Honeywell International Inc. believes that the information contained herein is accurate and reliable, it is presented without guarantee or responsibility of any kind and does not constitute any representation or warranty of Honeywell International Inc., either expressed or implied. A number of factors may affect the performance of any products used in conjunction with user's materials, such as other raw materials, application, formulation, environmental factors and manufacturing conditions among others, all of which must be taken into account by the user in producing or using the products. The user should not assume that all necessary data for the proper evaluation of these products are contained herein. Information provided herein does not relieve the user from the responsibility of carrying out its own tests and experiments, and the user assumes all risks and liabilities (including, but not limited to, risks relating to results, patent infringement, regulatory compliance and health, safety and environment) related to the use of the products and/or information contained herein.

Honeywell Refrigerants
115 Tabor Road
Morris Plains, NJ 07950
honeywell-refrigerants.com



November 2016
© 2016 Honeywell International Inc. All rights reserved.

Honeywell