



For Immediate Release

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Carrier Chooses R-32 Refrigerant for Commercial Scroll Chillers

CHARLOTTE, N.C., March XX, 2020 — As part of its commitment to provide customers with solutions that use the right refrigerant for each application, Carrier has selected R-32 refrigerant to replace R-410A refrigerant, a high global warming potential (GWP) refrigerant, in commercial chillers using scroll technology. R-32 was chosen for its lower environmental impact, high energy efficiency, wide availability and ease of use. In Europe, the refrigerant will be offered in some scroll chillers beginning in the first half of 2020. Introductions will follow in other regions and all will meet UN Montreal Protocol Kigali Amendment regulations taking effect in 2023. Carrier, a world leader in high-technology heating, air-conditioning and refrigeration solutions, is a part of Carrier, a leading global provider of innovative heating, ventilating and air-conditioning (HVAC), refrigeration, fire, security and building automation technologies.

“Carrier focuses the right refrigerant for each application in order to provide the very best solutions for our customers,” said Chris Nelson, President, HVAC, Carrier. “After thorough evaluation of the options, Carrier selected R-32 for scroll chillers and heat pumps for its lower impact on the environment, reaffirming our continued commitment to sustainability.”

Carrier's use of R-32 refrigerant and expert system design will reduce the refrigerant carbon footprint by 80% in commercial scroll chillers and heat pumps. This is due to the much lower GWP and a significant system refrigerant charge reduction compared to the previous generation using R-410A.

Carrier is continuously investing in long-term solutions to lead the industry and promote highly efficient products with lower impact on global warming. This announcement follows Carrier's 2018 selection of R-454B, known commercially as Puron Advance™, as its primary lower GWP solution to replace R-410A in ducted residential and package unitary commercial products utilizing scroll compressors sold in North America. Carrier also previously announced commitments to move toward low GWP refrigerants with the selection of HFO R-1234ze(E) for screw chillers in Europe in 2015, the introduction of R-513A in multiple centrifugal and screw chillers in 2018 and finally the introduction of the award winning AquaEdge 19DV centrifugal chiller using HFO R-1233zd(E) in 2016.

To learn more about Carrier offerings, visit www.carrier.com.

About Carrier

Founded by the inventor of modern air conditioning, Carrier is a world leader in high-technology heating, air-conditioning and refrigeration solutions. Carrier experts provide sustainable solutions, integrating energy-efficient products, building controls and energy services for residential, commercial, retail, transport and food service customers. Carrier's HVAC business is a part of Carrier, a leading global provider of innovative HVAC, refrigeration, fire, security and building automation technologies. For more information, visit www.carrier.com or follow [@Carrier](https://twitter.com/Carrier) on Twitter.

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Communications / Marketing Approval Template and Checklist

Purpose/Objective: To announce Carrier Commercial HVAC refrigerants strategy for Scroll chillers

Proposed Release/Posting date: ASAP

Distribution Channel(s): Mepax

Distribute release/article to	Check all that apply
Trade press	X
Regional/local media	
News wire service	
Social Media	
Marketing material	
BIS Insight website posting	
CCS CoolACCESS posting	

BU Approvals (list names of persons who reviewed/approved the release):

Name	Department	Date approved
Didier GENOIS	VP & GM HVAC Europe	25 Nov 2019
Véronique SPREADBURY	VP Legal, HVAC Europe	11 Dec 2019
Eric JASIKAS	Marketing Director HVAC Europe	5 Dec 2019
Gilles DONNAT	R&D Director, HVAC Europe	26 Nov 2019
Amélie ANDREY	Communications Director, HVAC Europe	12 Dec 2019
Joe Chirco, Cookie Caloia	Communications, HVAC-C	13 Jan 2020
Jeremy Riffle	Communications, HVAC-R	10 Jan 2020
Tom Franaszek/Frank Silva	Chiller Product, HVAC-C	13 Jan 2020
Faisal Malik	Communications, HVAC-C, ME	14 Jan 2020
Sandy Zhao	Communications, HVAC-C, China	13 Jan 2020

Farokh Madan	Communications & Marketing, Carrier India	15 Jan 2020
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WHQ/UTC Approvals (list names of persons who reviewed/approved the release):

Name	Department	Date approved
	Required	
Danielle Canzanella, Ashley Barrie	WHQ Communications	12/20/19, 16 Jan 2020
John Gibbons	WHQ Other (specify)	13 Jan 2020
Kori Recalde	WHQ Social Impact	15 Jan 2020
Chris Nelson	President, HVAC-C	13 Jan 2020
Chris Opie	VP, HVAC-C Marketing	13 Jan 2020, 09 March 2020
Gaurang Pandya	President, HVAC-C Global Equipment	13 Jan 2020
Giorgio Rusignuolo	VP, HVAC-C Engineering	13 Jan 2020
Muriel Makharine	VP, HVAC-C Legal	14 Jan 2020

Checklist

Before submitting items for WHQ review and approval, please be sure:

- All trademarked or registered products are noted with the appropriate symbol**
- CCS / BU owns the rights to photo(s) used**
- Customer approval is obtained in writing**
- Appropriate back-up is cited for any company claim**
- Sources are noted in the text for any industry trend or claim**
- Engineering / IP have reviewed any technical paper, new product or claim**