

Daikin Announces Daikin *ATMOSPHERA* with R-32 Refrigerant

The first single zone system with R-32 in North America features impressive efficiency gains while reducing emissions vs. R-410A

HOUSTON, December 21, 2021 – For the first time in North America, Daikin is launching a home comfort product featuring R-32, a refrigerant with one-third the Global Warming Potential (GWP) of the most common refrigerants currently being used in the United States and Canada.

The new Daikin *ATMOSPHERA* system featuring R-32 refrigerant from Daikin North America LLC is a single zone, ductless system that gains impressive efficiencies over its R-410A predecessor line, the LV Series, with up to 27.4 SEER, 13.8 HSPF and 16.3 EER ratings for ultra-efficient cooling and heating. Four sizes of indoor and outdoor heat pumps are available, from 9,000 to 24,000 BTU.



“Daikin has sold over 33 million R-32 systems in more than 100 countries and regions,” said Takayuki (Taka) Inoue, Executive Vice President and Chief Sales and Marketing Officer. “We are excited to be the first to bring this proven technology to North America. With an estimated 160 million R-32 systems sold by Daikin combined with other manufacturers worldwide, we are confident R-32 has the all-around performance benefits to make it the ideal replacement for R-410A.”

“Daikin *ATMOSPHERA* brings North America a powerful, new single zone system that has a lower GWP, is more efficient and may help lower end-user electric bills compared to R-410A models,” explains Connie Schroder, Sr. Product Manager – Single and Multi-Zone Systems for Daikin. “We’ve also built advanced features into Daikin *ATMOSPHERA* heat pumps that improve comfort, cleanliness, and usability while simplifying maintenance.”

Daikin *ATMOSPHERA*’s heat pump performance over its R-410A predecessor is substantial, offering greatly enhanced heating and cooling capacities. The units feature up to 100 percent rated heating capacity at 5°F WB (-15° C WB) and confirmed continuous operation as low as -13°F WB (-25° C WB). Rated cooling capacity is up to 100 percent at 115°F DB (46° C DB).

New hybrid cooling technology efficiently controls humidity, even in low-cooling loads, and maintains dehumidification effect after the target temperature is reached. Daikin *ATMOSPHERA*’s novel “CLEAN” operation dries the interior of the indoor unit to reduce the amount of condensation present, while a detachable drain pan allows for easy cleaning.

With the indoor unit’s built-in Wi-Fi, the system can be controlled via the internet with the Daikin *Comfort Control App* without the need for an additional adaptor. Daikin *ATMOSPHERA*’s Intelligent Eye employs an infrared sensor to detect movement in the room. If the room is empty for 20 minutes, the set point is changed to start saving energy.



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Installation is now more flexible with 50 percent longer piping lengths up to 49 feet, compared to other Daikin single zone systems.

Indoor units include a wireless infrared controller and are compatible with the full suite of optional s21-based single and multi-zone controls solutions, including the Daikin *One+* smart thermostat.

Daikin *ATMOSPHERA* is currently available in Washington, Oregon, and Florida.

Daikin *ATMOSPHERA* single zone systems are backed by a 12-year parts limited warranty. Complete warranty details available from your local dealer/contractor or at www.daikincomfort.com. To receive the 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec.

For more about Daikin *ATMOSPHERA* and the low-GWP potential benefits of R-32, visit www.DaikinAtmosfera.com and www.R32Reasons.com.

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About Daikin

Daikin Industries, Ltd. (DIL) is a Fortune 1,000 company with more than 84,870 employees worldwide and is the world's number 1 air conditioning company. Daikin North America LLC (DNA) is a subsidiary of DIL. DNA and its affiliates manufacture heating and cooling systems for residential, commercial and industrial use and are sold via independent HVAC contractors. DNA engineering and manufacturing is located at [Daikin Texas Technology Park](#) near Houston, TX. For additional information, visit www.northamerica-daikin.com.

Additional Information:

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.