

# PRODUCT BULLETIN



**From:** North America Product Management Team  
**To:** North America OEM and Distribution Customers  
**Date:** May 25, 2021  
**Subject:** R407A Refrigerant Qualification For ARGUS Condensing Units

Dear Valued Customer,

Due to pending regulation updates, Tecumseh has elected not to pursue performance testing of R407A for use with our ARGUS condensing unit product platform.

With the CARB (California Air Resources Board /Public Hearing Report) regulation taking effect January 1, 2022, which restricts (see Fig. 1) the use of refrigerants with a high GWP (Global Warming Potential) rating in new stationary refrigeration systems containing more than >50LBS of refrigerant, we do not believe that it is a sustainable long term solution to support qualification of our products with a refrigerant having a GWP rating (R407A GWP = 2,107) that is already above this threshold.

Tecumseh supports new environmentally friendly regulations, including CARB, and will continue to focus our efforts on products that utilize low GWP refrigerants into the future.

## **Questions:**

If you have questions that are not addressed in this bulletin, please contact your local Tecumseh Sales Representative or Technical Service Team (800.211.3427) members or e-mail us at [technical.service@tecumseh.com](mailto:technical.service@tecumseh.com).

**Fig. 1: CARB Regulation –**

General End-Use	Specific End-Use	Prohibited Substances	Effective Date
Stationary Refrigeration	New refrigeration systems containing more than 50 pounds of refrigerant (non-residential) in newly constructed / remodeled facilities <sup>a</sup>	Refrigerants with GWP greater than or equal to 150	January 1, 2022
Stationary Refrigeration	New refrigeration systems containing more than 50 pounds of refrigerant (non-residential) in existing facilities <sup>a</sup>	Refrigerants with GWP greater than 1,500 and 2,200 depending on end-use.	January 1, 2022

Source: [https://www.arb.ca.gov/regact/2020/hfc2020/isor.pdf?\\_ga=2.66779630.1535453084.1622118849-513489831.1622118849](https://www.arb.ca.gov/regact/2020/hfc2020/isor.pdf?_ga=2.66779630.1535453084.1622118849-513489831.1622118849)