

BULLETIN

June 13, 2024

TO: All Greenheck Representatives
FROM: Dustin Woosley, Product Manager, Make-Up Air
SUBJECT: Greenheck Packaged DX (PDX) Offering (A2L Refrigerants)



In response to the A2L refrigerant change and to help you confidently address questions about the future of the MUA platform with PDX units, we wanted to make you aware that Greenheck is currently in the testing phase of an A2L compliant Direct Gas-PDX unit. This is being done in collaboration with our industry partners at Intertek and ASHRAE, as well as municipal and state agencies across the nation. This cutting-edge unit, designed to meet UL60335-2-40 and ASHRAE-15 standards, is expected to be available to the market by January 1, 2025. Additionally, our PDX unit offering will include options for cooling only, electric heat, or hot water heat.

Safety is the cornerstone of Greenheck's product design philosophy. To address the distinct characteristics of A2L refrigerants, our unit design utilizes comprehensive leak detection and mitigation strategies. Adhering to stringent UL standards, upon detection of refrigerant our unit will shut down heating, while simultaneously ensuring continuous fan operation to facilitate optimal ventilation per the requirements of UL and ASHRAE. In addition to these features, we have integrated multiple redundancies to further enhance operational safety.

Greenheck remains steadfast in its commitment to delivering solutions that prioritize safety, efficiency, and cost-effectiveness. As we progress toward a final ETL listing, we will continue to ship our R-410A PDX offering until the conclusion of 2024. This will allow you to maintain your current designs without having to incur the unnecessary costs associated with redesigns, while also enabling seamless transition at year-end with product support you can trust.

To ensure a smooth transition, please begin to focus your designs around the following criteria:

- DGX or MSX (Electric Heat, Hot Water Heat, or Cooling Only) platforms
- 800-5000 cfm (no selections over 5000 cfm)
- 3-10 tons of Cooling

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Unit Transition Details:

R-410A Phase Out and New R-454b Timeline

- **Immediate Change:**
 - All existing job pricing will remain valid and there will be no change to your multiplier.
 - Eliminate further discounting on DG/DGX/IGX/MSX platforms with PDX. This change will allow us to expedite parts and freight as needed to ship prior to the end of the year and not pass on any additional burden to the market.
- **CAPS® 4.45 Initial release: August 5, 2024**
 - All DG-10 and DG-20 models will be obsoleted and un-orderable.
 - No new selections of DGX, IGX, MSX PDX units with R410a.
 - Previously selected DGX, IGX, MSX PDX units will remain orderable until September 23, 2024.
 - No new selections of DGX, IGX, MSX Split DX units.
 - Previously selected DGX, IGX, MSX Split DX units will remain orderable until September 23, 2024.
 - For applications that require Indirect Gas with Packaged DX cooling, selections should be made from our DOAS platform utilizing our RV/RVE models.
- **CAPS® 4.45 2nd update: September 23, 2024**
 - Any PDX units with R410a become un-orderable for all selections.
 - Any Split DX units will become un-orderable for all selections.
 - New selections of DGX and MSX units with R454b refrigerant. Unit submittal will be available but the unit itself will not be orderable until the December 2, 2024 CAPS® 4.46 release.
- **CAPS® 4.46 Initial release: December 2, 2024**
 - New R454b PDX units available to be ordered.

Please contact tap@greenheck.com with any questions or for further assistance.