



Achieve your potential.

**Your
educational
resource!**

HVAC University Learning Center

Driving Ventilation Knowledge™

GREENHECK
Building Value in Air.



**HVAC University
Learning Center**

Driving Ventilation Knowledge™

Greenheck's Dedicated Outdoor Air Systems (DOAS) HVAC University Learning Center is back on the road!

Greenheck is on the move to continually educate our engineers, contractors, and customer base on the importance of indoor air quality and unit efficiency. Greenheck's comprehensive line of DOAS units, including models from 500 to 18,000 cfm and 3 to 70 tons of packaged cooling, can meet a wide range of heating, cooling, dehumidification, and ventilation requirements.

**For more information, contact
your nearby Greenheck
representative.**

Greenheck's HVAC University Mobile Learning Center contains interactive demonstrations on energy recovery, low sound condenser fans, web user interface for remote monitoring and control, and an operable unit showcasing energy saving controls for outdoor air applications. Come see how it all works at a convenient location. Talk to our knowledgeable product experts.

 **GREENHECK**
Building Value in Air.

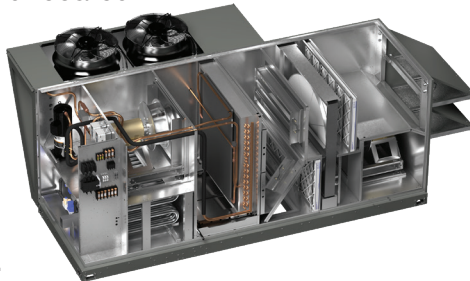


Achieve your potential.

Learn more about the following topics on our new and improved DOAS trailer!

Outdoor Air Equipment

The trailer emphasizes the importance of construction in outdoor air unit design, specifically robust insulation and unit coating. You will be able to see physical samples of various coated and uncoated products that have gone through salt spray testing as well as a comparison of injected foam vs. foam board panels.



Efficiency requirements and the required transition to low global warming potential (GWP) A2L refrigerants have changed how outdoor air equipment is designed and operated. This trailer includes an in-depth look at the components that increase efficiency and provide other benefits such as sound reduction and more precise temperature and humidity control. A2L leak detection sensors are also installed to provide a better understanding of how the unit is designed and controlled with the new A2L refrigerants.

Air-Source Heat Pump (ASHP)

Electrification is a trending topic around the country, with some local and state codes requiring the transition from fossil fuels to all electric HVAC solutions. Take an in-depth look at how an air-source heat pump operates with an animation and lights installed in the unit on the trailer. Learn how it works, the benefits of an ASHP, design considerations, and what improvements Greenheck has made to their ASHP offering with the transition to A2L refrigerants, specifically with low ambient lockouts and efficiency improvements.

Advanced Controls and Applications

The trailer includes graphics of different high percentage outdoor air applications, covering unit design, control strategies, and sensor requirements.



Get an in-depth look at Greenheck's configurable control options, including BMS options and a remote monitoring web user interface solution that comes standard with factory controls. Finally, learn more about the end-of-line test that all Greenheck units go through before arriving on-site, making for a simple and effective start-up.

Make sure Greenheck's traveling HVAC University doesn't pass you by!

FOR MORE INFORMATION ON GREENHECK PRODUCTS, VISIT:

www.greenheck.com



greenheck.com

June 2024

**HVAC University
Learning Center**

Driving Ventilation Knowledge™