

GREENHECK DOAS UNIT - MODEL RVC

RVC

Greenheck's new model RVC is available in CAPS 4.39! This new model is available as 100% outdoor air (OA) or as a partial recirc unit, recirculating 20-100% OA. Like models RV & RVE (total enthalpy wheel), the RVC is meant to handle the latent (moisture) load on the building, providing dehumidified and/or heated air to the space. Each unit has preprogrammed, factory wired and mounted controls.

These units come standard with a total enthalpy core and have AHRI 1060 certified energy recovery core performance, which has been verified and validated by AHRI.

Common applications include educational facilities, healthcare facilities, hotels, & office buildings.

ENERGY RECOVERY

Model RVC is available with either a *fiber* or *polymer* core that transfers both sensible & latent energy. These energy cores have an efficiency rating of 50-60% and 55-65% respectively.

When using energy recovery, it is important to consider a frost control method depending on your climate. Frost control options include timed exhaust, electric preheat, or a bypass damper. The frost control sequence will enable when the exhaust temperature is below 30 F.

Core economizer control can be accomplished through a bypass damper.



FEATURES

- 500 – 15,000 cfm
- 5-70 tons of cooling capacity
- Total Enthalpy Core
 - Fiber or Polymer
- 2" Double Wall Foam Insulation
- Direct Drive Plenum Fans w/ VFDs
- Heating Options:
 - Indirect Gas, Electric Heat, Air-Source Heat Pump, Hot Water
 - High-turndown furnace control
- Cooling Options:
 - Split DX, PDX, Air-Source Heat Pump, Chilled Water
 - Hot Gas Reheat
 - Low Sound Condensing Fans

