

# Did You Know...

September 2021 Edition

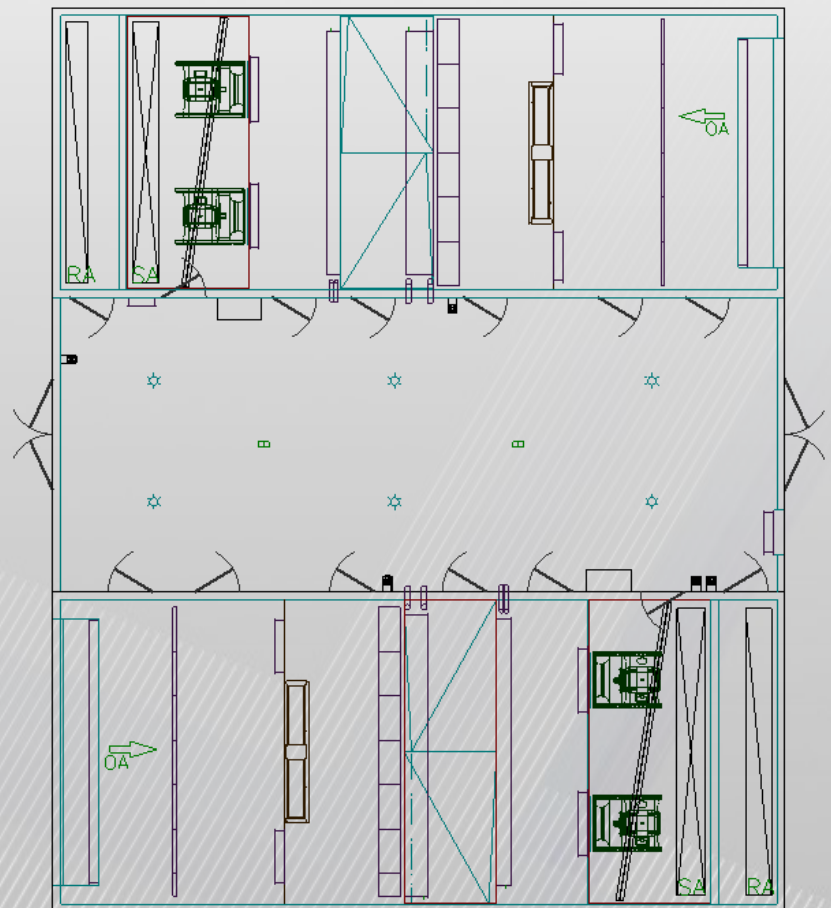
## Featured Unit: Dual Tunnel Rooftop Unit

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One of the main challenges of this project was trying to capture a picture of this massive rooftop unit! An impressively sized unit by any measure, this brown beauty featured two independent energy recovery units combined into a single package with an integral service vestibule serving ventilation air to a K-12 school. The service vestibule allowed ample space for the contractor to penetrate the roof deck with water piping and install associated valves and accessories. The school maintenance staff will certainly appreciate the protection allowed in the conditioned service vestibule during the harsh winter months of the Great Plains.

### Unit highlights:

- 22 gauge painted acrylic exterior & 18 galvanized interior
- **4" injected foam panels** (outdoor) with thermal break construction
- 2" MERV 8 pre filter & 12" MERV 11 final filter
  - Pressure switch and gauge on each filter bank
- Access doors with 12" viewports, full length piano hinge, thermally broken frame and individual test ports
- 3A Molecular sieve desiccant wheel
  - Low cross-contaminating seal and purge sector
  - Includes bypass dampers for an economizer mode
  - Full season VFD controls
- Modulating Hot Water (EG) valve provided
- Modulating Chilled Water (EG) valve provided
- Supply and return airflow measuring (piezo ring)
- Factory leakage testing provided @ <1% and 8" w.c.
- Total unit weight = 70,700 lbs
- Total airflow = 67,000 CFM
- Total unit dims = 98" H x 490" W x 396" L



<b>Model:</b> AHR 2000-RT-RC-CQ-HW (RTU-1 & Vest)			
<b>Height:</b>	98"	<b>Length:</b>	396"
<b>Width:</b>	317"	<b>Weight:</b>	40,500 lbs
<b>Supply CFM:</b>	16,300	<b>Exhaust CFM:</b>	14,100

<b>Model:</b> AHR 2000-RT-RC-CQ-HW (RTU-2)			
<b>Height:</b>	98"	<b>Length:</b>	396"
<b>Width:</b>	173"	<b>Weight:</b>	30,200 lbs
<b>Supply CFM:</b>	19,000	<b>Exhaust CFM:</b>	17,600

If you need assistance on any application you are currently working on please contact Xetex Sales at 612-724-3101 or email us at [sales@xetexinc.com](mailto:sales@xetexinc.com).