



Did You  
Know...  
February 2017 Edition

FEATURED UNIT: PACKAGED DX WITH LOW SOUND CONDENSER

CONTACT US AT  
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## Refrigeration Enhancements

This month our highlighted unit shows off our packaged refrigeration capabilities. Over the past year we have made a number of enhancements to our refrigeration designs.

Xetex's refrigeration designs feature three different compressor technologies to choose from Standard Scroll, Digital Scroll and Inverter Scroll. Each of these compressor types allows us to meet and exceed the customer application requirements from energy consumption to capacity modulation.

This unit was designed as a retrofit unit for a health care facility. The unit uses an aluminum flat plate heat exchanger to help reduce the cooling and heating capacities while delivering 100% outside air to the space. It also has 50 nominal tons of refrigeration using digital scrolls compressors for the cooling side, as well as modulating hot gas reheat coil for the dehumidification mode. The heating side of the unit uses a steam coil. On the condenser side of the unit we are using our low sound, low energy condenser fan option.

The condenser fan uses an EC Motor coupled with an Owllet condenser fan blade design that is manufactured by Ziehl-Abegg. The fan blades are an aerofoil design with sickle-shaped blades and serrated trailing edges and winglets based on bionic insights. All this translates into reduced operating cost due to optimum efficiency with minimum (a.k.a. Super Quiet!) noise emissions.

Some of the other enhancements we have made to our refrigeration offerings are Inverter Scroll Compressors, Indirect/Direct Evaporative Cooling, Evaporative Condensing, Electronic Expansion Valves, and Standard Condenser Hail Guards, to name a few. Additionally, Xetex can supply remote condensers should your design require it.

If you need any further information about our refrigeration options please contact Xetex Sales at 612-724-3101 or email us at [Sales@Xetexinc.com](mailto:Sales@Xetexinc.com).

### Unit Specification

<b>Model:</b>	XHS-50(24)-60-RT-BP-CD-HG-HS-AC		
<b>OA Summer Design:</b>	77.7°F / 73.3°F	<b>OA Winter Design:</b>	-20.0°F / -20.6°F
<b>Supply CFM:</b>	10,000	<b>Energy Recovery:</b>	Aluminum Flat Plate
<b>Cool Type:</b>	DX w/ HGRH	<b>Heat Type:</b>	Steam
<b>Leaving Cooling Temp:</b>	53.4°F / 53.1°F	<b>Leaving Heating Temp:</b>	76.3°F

