



Did You Know...

July 2017 Edition

Featured Unit: Large Packaged DX with Indirect Evaporative Cooling

Contact us at
sales@xetexinc.com

Critical Energy Efficient Applications

When it comes to critical applications there are many design requirements that must be taken into consideration. Many of those requirements can sometimes conflict with making the unit design as energy efficient as possible. This is where XeteX's expertise in custom air handling, DX refrigeration and energy recovery helps you meet your customer's critical application design needs and deliver an energy efficient system.

The topic for this month highlights this capability with a unit that incorporates inverter scroll compressors to deliver 110 tons of DX cooling. It also uses indirect evaporative cooling made up of an aluminum flat plate heat exchanger increasing the energy efficiency and overall unit capacity. The unit is lined with stainless steel in the indirect evaporative cooling section to decrease unit corrosion, increasing unit longevity.

Other unit highlights include:

- 2" double wall casing with mineral wool insulation
- High efficiency EC condenser fans
- Inverter scroll compressors with Electronic Expansion Valves
- Full factory unit controls with a BACnet IP interface
- Supply air airflow monitoring
- Power monitoring
- Water flow monitoring
- ABB VFDs to provide modulation of the blowers

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.

Unit Specification:

Model:	XHS-80-130-RT-CD-AC		
Height:	136"	Width:	140"
Length:	414"	Weight:	30,000 lbs.
OA Summer Design:	95°Fdb / 73°Fwb	OA Winter Design:	-4°Fdb
Supply CFM:	42,600	Energy Recovery:	Sensible Flat Plate
Cool Type:	DX Air-Cooled	Heat Type:	None
Leaving Cooling Temp:	69°Fdb / 66°Fwb	Leaving Heating Temp:	N/A

