



Did You Know...

September 2017 Edition

Featured Unit: Multiple Split Construction AHU with Chilled Water, Hot Water Coils and Heat Pipe Reheat

Contact us at sales@xetexinc.com

## Knockdown Construction

The adage “Where there's a will, there's a way” truly describes this month's topic. We have all faced applications that require us to use out of the box thinking to solve a customer problem. In this case, the so called box or Air Handling Unit needed to be designed to be completely assembled in the mechanical room using knockdown unit construction design in order to pass through some very tight spaces.

This month the highlighted unit demonstrates XeteX's ability to design, manufacture and deliver units of this type. This unit was designed using our modular case with multiple splits which allowed the unit to be completely broken down so that it could pass through a series of narrow halls to the mechanical room where it would need to be assembled. The unit was first fully assembled and tested in the factory. It was then broken down into four main sections for shipping to minimize shipping damage or lost components, as well as to reduce confusion on the job site. Once on the job site, it was broken down even further and all the components were moved into the mechanical room to complete final unit assembly.

Other unit highlights include:

- 2" double wall modular casing with foam injected insulation
- Supply fan array with 1" spring isolators. The supply fans are controlled by VFD's with integral bypass
- Wrap around re-heat heat pipe
- Factory installed service lights
- Access doors with full length stainless steel piano hinges
- Single side unit access
- External magnahelic filter pressure gauge

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).

### Unit Specification:

<b>Model:</b>	XAH-24000-CW-HTP		
<b>Height:</b>	100"	<b>Width:</b>	80"
<b>Length:</b>	222"	<b>Weight:</b>	10,000 lbs.
<b>OA Summer Design:</b>	91°Fdb / 73°Fwb	<b>OA Winter Design:</b>	-15°Fdb
<b>Supply CFM:</b>	24,000	<b>Energy Recovery:</b>	none
<b>Cool Type:</b>	Chilled Water	<b>Heat Type:</b>	Hot Water
<b>Leaving Cooling Temp:</b>	54°Fdb / 54°Fwb	<b>Leaving Heating Temp:</b>	70°Fdb

