



Did You Know...

October 2017 Edition

Featured Unit: Rooftop Enthalpic Plate Energy Recovery Ventilator with Chilled Water and Hot Water

Contact us at sales@xetexinc.com

Enthalpic Plate Energy Recovery

As energy standards continue to evolve and require higher unit efficiencies it becomes more critical than ever to balance energy usage while optimizing ventilation loads. This is where XeteX's decades of energy recovery expertise and partnerships help in solving application challenges. We have partnered with dPoint Technologies, a premier enthalpic flat plate energy recovery manufacturer, to deliver this unique product.

Using dPoints core technology gives us the ability to offer a plate heat exchanger that recovers sensible and latent energy as well. This technology, combined with the flexibility of XeteX's unit designs, enables optimizing the building's ventilation load using this energy efficient technology. This exchanger also offers a number of other benefits including:

- No moving parts
- Water washable
- Mold and bacteria resistant – ISO 846 rating of 0
- Freeze tolerant
- AHRI 1060 certified for 0% cross contamination
- Withstands pressure differentials up to 10" w.c.
- Total effectiveness greater than 57%
- Meets enthalpic requirements for 90.1-2013 and beyond

This month the highlighted unit was designed for a Casino application. The customer was looking for a solution that reduced operational costs and had zero cross contamination (0 EATR) between airstreams.

Other unit highlights include:

- 2" double wall mineral wool insulation
- Outside air modulating face and bypass damper for economizing and frost control
- dPoint enthalpy flat plate heat exchanger
- Stainless steel drain pans
- Side-by-side air tunnels for a low profile unit design

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:	IAQ-47-42-RT-BP-CW-HW		
Height:	65"	Width:	80"
Length:	192"	Weight:	5,100 lbs.
OA Summer Design:	85°Fdb / 75°Fwb	OA Winter Design:	0°Fdb
Supply CFM:	3,500	Energy Recovery:	Enthalpic Flat Plate
Cool Type:	Chilled Water	Heat Type:	Hot Water
Leaving Cooling Temp:	53°Fdb / 53°Fwb	Leaving Heating Temp:	91°Fdb

