



# Did You Know...

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## Featured Unit: Casino Energy Recovery Unit

Contact us:  
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Casino's can be a challenging application for air handling units with energy recovery, due to the tobacco smoke in the exhaust air stream. Cleaning and removing the tobacco residue from components in the exhaust air can be especially difficult if not impossible. For the highlighted project this month the customer specified an epoxy coated aluminum flat plate heat exchanger (seen in below right picture). The epoxy coating provides an added layer of protection against the chemicals used to clean the tobacco residue from the exhaust plates of the heat exchanger. This added feature along with no moving parts provides the customer with a low maintenance and long-term solution for their Casino.

### Unit highlights:

- Outdoor unit with 18ga exterior painted Xetex acrylic grey & 20ga galvanized interior
- 2" Mineral wool insulation
- 2" MERV 8 pre filter + 4" MERV 11 final filter
- Xetex aluminum flat plate heat exchanger
  - ◊ Epoxy coating
- 40 tons air cooled condensing
  - ◊ Variable speed lead compressor
  - ◊ ECM condenser Fans
- DX cooling coil with stainless steel drain pan
  - ◊ Hot gas reheat coil
- 900 MBH output indirect gas fired heater
  - ◊ 15:1 turndown
- Direct drive supply and exhaust fans
  - ◊ VFD w/shaft grounding

Model:	XHS-60-72-RT-BP- CD-HI-AC	
Height:	122"	
Width:	102"	
Length:	408"	
Weight:	18,000 lbs	
Supply CFM:	14,000	
Exhaust CFM:	15,000	
Energy Recovery:	Aluminum flat plate	
Cool Type:	Air Cooled Cond	40 Tons
Summer Design (db/	OA= 100F/67F	SA= 54F/52F
Heating Type:	Indirect Gas Heat	900 MBH
Winter Design:	OA= 0F	SA= 97F

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).

