



Did You Know...

October 2018 Edition

Featured Unit: Pharmacy Dehumidification

Contact us:
sales@xetexinc.com

Packaged Desiccant Dehumidification

One of the increasing trends in healthcare today is for hospital systems to operate and own their own compounding pharmacies. Historically many hospital systems outsourced the mixing and packaging of drugs to third party companies or local “mom and pop” pharmacies. Quality control and cost have driven many hospitals to make the decision to bring this critical process in house.

The highlighted job this month was a large pharmacy project for a major health systems in the eastern US. Due to the processes and products being handled at the pharmacy, the space required tight control of both temperature and humidity. In addition to tight control, the humidity levels in the space need to be maintained < 40F dewpoint. To achieve this dry condition in the space during all seasons, an active regeneration desiccant system was employed to deliver a leaving air condition of 61F db / 33F dewpoint. Check out some of the additional special features that were provided below:

Unit highlights include:

- Outdoor unit with 2” double wall with 18ga Painted Acrylic exterior/22 ga Galv interior.
- Active Regeneration Desiccant wheel w/ direct fired gas regen heater
- 75 Tons of Integral Air Cooled Condensing (60 Pre-cooling/ 15 Post Cooling) with lead Digital Scroll Compressors
- 750 MBH Indirect Fired Gas Heater
- 350 lb/hr Steam Humidifier Dispersion Manifold (short absorption)
- Low Sound Condenser Fans

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.

MODEL: AHR-AD1730-15000-RT-CD-HI-AC-RC-HD			
HEIGHT:	114 in	WIDTH:	104 in
LENGTH:	450 in	WEIGHT:	23,100
Energy Recovery:	Desiccant Dehum		
Heat Type:	Indirect gas fired		
OA Summer Design:	90F db / 76F wb		
Supply CFM:	15,000		
Cool Type:	DX—Packaged		
Leaving DX Clg	61.0F dB/ 47.0F wB		

