



Did You
Know...
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Featured Unit: 120 ton DX DOAS unit

Contact us at
sales@xetexinc.com

Manufacturing Environments

Manufacturing environments have unique requirements determined by what is being produced. Those requirements can range from wash-down interiors to specialized materials for the casing.

The highlighted job this month was for a perfume/fragrance development center. While nothing caustic was flowing through the unit, the customer wanted to make sure the fumes were properly handled. A flat-plate aluminum heat exchanger was chosen for its low EATR leakage and a specialized control sequence was programmed to maintain a negative pressure differential on the exhaust side of the heat exchanger of 1.5" w.c. below that of the supply side. Unit startup was provided by a factory certified technician, as is key for any custom unit to ensure correct operation.

Unit highlights include:

- 2" double wall 18ga/22ga casing with mineral wool insulation.
- XLT flat plate heat exchanger with Face & Bypass damper
- 2" MERV-8 outside and return air filters
- 4" Mini PI MERV-13 supply air filters
- OA and RA Carbon filters – 12" MERV-14
- Low leakage OA & EA shut-off dampers and OA face & bypass dampers with actuators
- Stainless steel indirect-fired natural gas furnace
- 460/60/3 single point power connections with non-fused disconnect switches
- Access Lighting
- Fan arrays for SA & EA with airfoil fans, ODP Premium Efficiency motors, and VFD's
- Factory certified technician start-up, and owner instruction

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-80-120-RT-BP-CD-HI-SF-AC		
Height:	136"	Width:	164"
Length:	438"	Weight:	38,000 lbs.
OA Summer Design:	93°Fdb / 74°Fwb	OA Winter Design:	10°Fdb
Supply CFM:	28,000	Energy Recovery:	Aluminum flat plate HX
Cool Type:	120 tons - DX	Heat Type:	Indirect Gas Furnace
Leaving Cooling Temp:	53.8°Fdb / 53.6°Fwb	Leaving Heating Temp:	68.0°Fdb

