




Did You Know...
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Featured Unit: Explosion Proof ERV Air Handler

Contact us at
sales@xetexinc.com

Explosion Proof

There are certain applications that require explosion proof construction. Environments containing combustible dust or gases require that the air handlers operate without any possibility of spark generation within the air stream of the unit.

The highlighted job this month was for multiple units used in a military base aircraft refueling hanger. The units were built with all electrical wiring run external to the unit in conduit and included TEFC explosion proof motors, explosion proof actuators, and a NEMA 7/9 Electrical junction box. To reduce cost for the customer, rather than have expensive explosion proof VFD cabinets, the VFD's were mounted in a nearby remote location in a safe environment.

Unit highlights include:

- 2" double wall 18ga/22ga casing with mineral wool insulation.
- XLT flat plate heat exchanger with Face & Bypass damper
- NEMA 7/9 Electrical Panel
- TEFC Explosion proof motors
- Explosion proof actuators
- Ultra-Low Leakage dampers
- 304 Stainless steel drain pans
- Single point power connection
- Welded structural steel base frame

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:	XHR-40-48-BP-HW-FF-EX		
Height:	81"	Width:	68"
Length:	198"	Weight:	6,000 lbs.
OA Summer Design:	90°Fdb / 78°Fwb	OA Winter Design:	10°Fdb
Supply CFM:	2600	Energy Recovery:	Aluminum flat plate HX
Cool Type:		Heat Type:	Hot Water
Leaving Cooling Temp:	65.8°Fdb / 57.8°Fwb	Leaving Heating Temp:	107.5°Fdb

