

OFF SITE PRODUCTS - AIR HANDLING UNITS



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EAS designs each AHU to meet and exceed the customized needs of the exact project application. EAS always uses the highest quality materials for construction. EAS AHU's are all aluminum with a foam core panel and true "No Through Metal." The company's innovative design approach and experience provides the most efficient systems while maintaining the best serviceability for maintenance.

Designed and constructed off site, EAS AHU's can be pre-piped, pre-wired and pre-controlled to save installation time, overall cost and to improve the quality and safety of the completed product. AHU's are shipped directly to the final destination where the EAS team will quickly install the system in a matter of days instead of weeks by having completed much of the trade work prior to shipment and delivery.

- 50+ year AHU casing designed to last the life of the building
- Structural steel and structural aluminum base material
- Foam core panels with aluminum interior and exterior skin as standard
- Foam panels are 94% porous free and do not absorb moisture
- True no thru metal construction utilizing phenolic thermal break.
- Panels are NFPA 90 A & B Compliant
- Double gasket doors providing 0% leakage @ 10"wg.
- 3 Point latching hardware, single locking handle on all doors
- True no thru metal NFPA 90 test port provided on each door
- Continuous full height Stainless Steel Piano Hinge doors
- 12" x 12" wire reinforced windows in each door
- Patented aluminum extrusions with phenolic thermal break
- 3/16" Aluminum safety tread floor throughout
- Continuously welded floor seams creating 2" deep pan throughout entire unit
- Recessed 8"x 12" floor drains in each access section with welded drain pipe extended to exterior of base
- All Fasteners are stainless steel
- Fully welded casing construction eliminates penetrations in the exterior of the unit
- Fully welded aluminum IAQ drain pans triple sloped to prevent standing water
- Coil headers piped to exterior of unit casing and provided with flanged connection
- Cooling coils provided at 450FPM or less as a standard to prevent moisture carryover
- All stainless steel coil supports provided as a standard
- Drain pans extended downstream a minimum of 1/2 coil fin height eliminating condensate carryover
- 304SS intermediate drain pans with 2" drains individually extended to base drain pan
- Each fan individually isolated using minimum 2" seismic spring isolators, flexible connections and thrust restraints
- Fan stands are fully welded aluminum
- Fans are mounted in the center of the airstream for most efficient airflow
- All fans provided with Premium efficient TEFC Motors
- Monorails provided in each fan section for fan/motor removal
- 4' vapor tight fluorescent lights provided in each section
- Rigid aluminum conduit provided throughout
- Industrial grade electrical components and fittings
- Filter frames provided with stiffeners between each rack
- 1/2% leakage at 1.5 times design static pressure
- Full time installation supervision provided with every unit
- Startup services
- Turnkey installation services
- Pre-Commissioned
- Plug and play electrical and controls incorporated into design
- Factory leakage and deflection testing standard
- Field testing services
- Knockdown / field assembled unit capabilities
- Energy Efficient
- ETL Labeled