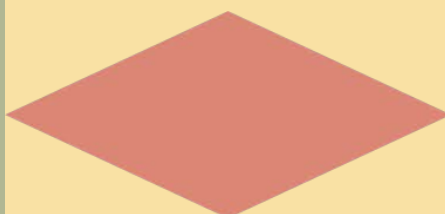




Commercial & Industrial HVAC Equipment



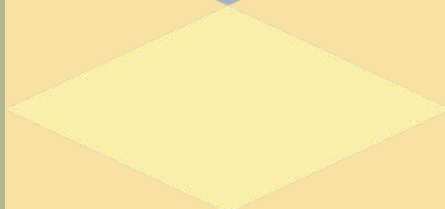
Industrial Desiccant Dehumidifiers



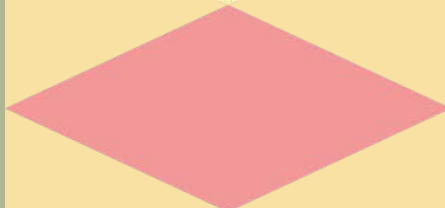
Pool Room & Natatorium Dehumidifiers



Custom Air Handling Units



Fabric Duct Work



New & Replacement Coils



much more . . .

(630) 739.2966
www.mak-hvac.com

Air Handling Equipment



- Custom engineered and manufactured HVAC systems – no assembly lines.
- Meets or exceeds the “Buy American Act” (FAR) clause 25.225-9.
- Volumes ranging from 30 to 100,000+ cfm with direct replacement capabilities.
- Available in single-zone, dual-duct, multi-zones, VAV, MUA and DOAS configurations.
- Customized split or knock-down systems to fit through any sized critical dimension or opening.



- Explosion-proof (CL-1, DIV-1), dust ignition-proof, dust-tight and hermetically sealed options.
- Custom Desiccant and Mechanical Dehumidification systems for a wide variety of applications.
- Energy recovery system options with sensible or enthalpy plate heat exchangers, slab or wrap-around heat pipes, sensible or enthalpy wheels and glycol run-around loops.
- Variety of wall types including; single or double wall (1", 2", 4" or 6"+), screw-less mono-caulk standing seam, injected foam-core or thermal break (NTM) panels available in galvanized, aluminum or stainless steel.
- Various levels of protective coatings available for corrosive environments.

- Packaged or split-systems, air or water-cooled condensing units and chiller options.
- Integral heat pumps and DX, CW or NH₃ cooling coil options.
- Steam, HW or integral F&BP coils, direct and indirect natural gas and electric heating options.
- Various levels of control options and components to meet any specification.
- Units are ETL Labeled and available with factory standard or project specific tests.



- PREFABRICATED custom mechanical rooms, boiler rooms and chiller plants. Perfect when reduced field labor costs are needed and/or to meet expedited construction schedules.
- ALTITUDE Fume Exhaust and Ventilation Systems distribute exhaust air upwards of 350 feet and are available up to 80,000 cfm with heating, cooling and energy recovery options.

- RECOMIZER Dedicated Outdoor Air Systems are available from 2,500 to 25,000 cfm including enthalpy energy recovery core, humidity and odor control, 0% EATR cross-contamination, digital scroll compressors for precise temperature control and with several additional options and features.
- FLCU Fan-Less Coil Units (Chilled Beams) are available as recessed or exposed, 1 or 2-way discharge, 2 or 4-pipe coils, standard 3-year warranty and many more features.
- CYBER COOL Computer Room Air Conditioning Units from 4,200 to 40,000 cfm with electric heating, humidifiers and CW cooling. Available in vertical or horizontal configurations and designed for precise temperature and humidity control, compact design and low noise with multiple options.
- HEALAIR is the most effective air sterilization and infection control unit delivering healthy air by killing pathogens including bacteria and viruses like H1N1, Human Corona Viruses as well as HAI-causing pathogens. Available in 400 cfm to 2,000 cfm systems with UVC lights, HEPA filters and plasma generators. Easily converts to into a negative pressure system if needed. In Duct UV Plasma Air Sterilizer Systems also available.



Air Distribution Systems



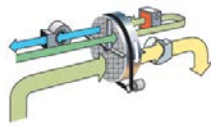
- Entire textile duct system is a diffuser with air supplied in a more efficient, uniform pattern.
- Guaranteed noiseless air distribution due to laminar flow design.
- DTI's fabric is UL Certified as fire resistant and meets or exceeds several NFPA requirements, including 90A.
- Available in a wide variety of shapes, colors, personalized logos, optional pharma / food grade anti-bacterial coatings, diffuser selections, duct mounting types and fittings.
- The Benelux 100% polyester fabric is extremely durable, washable and static-free.
- Other fabric options include; flexible duct (Aero Flex), insulated duct (Insul Duct), eco-friendly PET fabric and high temperature duct (Pyro Glass).



Dehumidification Equipment



- Made in the USA - meets or exceeds the "Buy American Act" (FAR) clause 25.225-9.
- Horizontal units available from 650 cfm (1.5 tons) to 14,000 cfm (30 tons).
- Vertical units available from 650 cfm (1.5 tons) to 3,600 cfm (8 tons).
- All units are custom designed and built - no assembly lines.
- MET listed with an industry best 1-year controls, 3-year parts and 5-year coil warranties.
- Wide variety of options including; Indoor or Outdoor systems, R-407c or R-410a refrigerants, pool water heating assist, remote condensers, gas or electric duct heaters, BMS controls, OA packages and much more.
- New or replacement systems for; swimming and therapy pool rooms, spa's, piping galleries, indoor grow houses, commercial / industrial applications, 100% OA applications and many more.

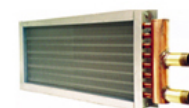


- Industrial Desiccant Dehumidifiers for a wide variety of applications.
- Small dehumidifiers from 50 to 320+ cfm with SST chassis.
- Mid-range dehumidifiers from 500 to 1,800+ cfm with SST chassis.
- Large dehumidifiers from 500 to 25,000+ cfm and down to -70°F dp.
- Modular construction for a wide variety of configurations.
- Smaller systems are in-stock and ready for immediate shipment.
- Patented technologies result in up to 75% less energy consumption.
- Various rotor types, reactivation sources, energy recovery and control options.



- Made in the USA - meets or exceeds the "Buy American Act" (FAR) clause 25.225-9.
- Unit sizes available from 8,000 cfm to 100,000+ cfm with heat-pipe energy recovery.
- The standard EASi "Air Dilution System" does not utilize compressors, thus optimizing energy-efficiency.
- Standard or "Built-up" indoor or outdoor construction, packaged or split-system configurations.
- All units are custom designed and built with industrial-grade all-welded Aluminum - no assembly lines.
- Industry best standard 3-year parts only and optional 5, 10, 15 or 20-year non-prorated warranties.
- Direct-drive plenum blowers with VFD control, single-point power with unit mounted disconnect switch.
- Wide variety of options including; chilled water or direct expansion cooling, gas, steam or hot water heating, 100% purge capacity for pool shocking, DDC controls with BMS capability, average 20-year life-cycle and much more.
- New or replacement systems for; competitive, recreational and educational swimming pools, indoor water parks, YMCA's and many more.

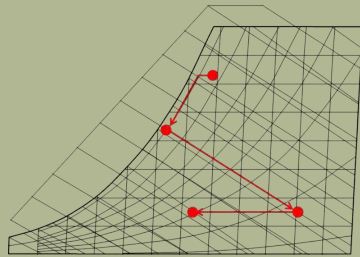
Heat Exchangers



- Made in the USA - meets or exceeds the "Buy American Act" (FAR) clause 25.225-9.
- Manufacturers of standard OEM and custom "one of a kind" coils including;
 - o Condenser Coils, Evaporator (DX) Coils, Chilled Water & Hot Water Coils, Steam Coils.
 - o Specialty Shaped Coils, OEM / New Coils, Direct Replacement Coils, Booster Coils and Severe Duty Coils.
- All coils are AHRI Standard 410 Certified and UL Listed with sizes ranging from 4 inches up to 30+ feet long.
- Copper or aluminum tube and fin options in a variety of thicknesses with galvanized, aluminum or copper casing options.
- All coils are individually pressurized and leak tested to 500 psig to ensure leak free service.
- AmeriCoat™ corrosion protection coating is applied in-house and is ASTM, FDA, CFR and MIL-STD approved.
- Standard 10-12 day delivery with optional 3 and 5-day quick ship programs for fast track projects.

Custom Engineered HVAC Solutions . . .

FOR A PERFECT ENVIRONMENT EVERY TIME !



*Give us a call or visit us on the web to see
how we can help you on your next project !*



COMMERCIAL BUILDINGS



SCHOOLS



OFFICE BUILDINGS



INDUSTRIAL BUILDINGS



Serving Chicago and the Midwest Since 2012

*Some
Applications
include . . .*

Pharmaceutical

Food & Beverage

Natatoriums

Education

Hospitals

many more . . .



(630) 739.2966
www.mak-hvac.com