



MarCraft Custom Air Handling Unit Features & Benefits

arizonTM COMPANIES

MarCraft Unit Standard Features:

- Custom sizes in height, width, and length
- Air volume range from 0 CFM and exceeding 200,000 CFM
- IAQ Style **REVERSE PANEL** construction for smooth air stream
- 4" wall and roof panels for great thermal and acoustical performance
- Low leakage construction – less than 1% at 12" w.c. std.
- Access Panels for removal of all coils and fan wheels
- Internal floor pan for water retention – no internal caulk seals below 2" to reduce any possible leaking of water into wall panel/insulation
- Fan assembly run test and dynamic balance at the factory
- Full structural steel base
- Stainless steel drain-pans in cooling coil sections to prevent rust and promote IAQ
- Stainless steel cooling coil frames and air baffles which extended coil life and promotes IAQ
- Complete DX units available with refrigerant piping and specialties for easy installation
- High quality paint finish designed to withstand a minimum of 500 hour salt spray test
- Well known component manufacturers used for easy service and parts availability

Some of the Capabilities of True Custom Equipment Include:

- Full custom penthouse capabilities
- Full thermal break construction
- Special materials of construction and/or coatings
- Chilled water piping
- Hot water piping
- Steam piping
- DX piping
- Indirect fired gas heating
- Direct fired gas heating
- Single point power connections
- Full electrical distribution system
- 2" through 8" wall and roof construction
- Hot water or steam systems complete with pumps, piping, specialties designed & tested by experienced
- Evaporative media systems
- Ultra-violet light for bacterial elimination
- Variety of filtering options
- Multi-zone systems
- Energy recovery systems
- Dehumidification systems
- Access platforms
- Chillers
- Condensing units
- Integral "Plug and Play" controls packages which can tie into building control system
- Installation of field provided controls and components
- Field startup supervision by factory technician
- Reassembly supervision
- Rigging and installation supervision
- Design build assistance
- Factory built mechanical rooms

MarCraft Unit Benefits:

- MarCraft can design a unit around your criteria whether it is sound sensitive, 100% outside air DX Cooling, package penthouse, mixed use facilities, desiccant dehumidification, high filtration, low temperature systems, custom pumping/chiller packages, etc. Your challenge is our solution as Arizon Companies offers "The Total SOLUTIONTM".
- Full factory assemblies tested before shipping, reducing on-site problems while providing very high quality equipment at a competitive cost.
- Full factory custom units offer one call for warranty claims.

- With more factory installed components and features, custom offers tandem construction locations which reduces field labor and install time for faster occupancy.
- Install one high quality, fully tested unit instead of several commercial grade units—lowering project costs for installation, start-up, and maintenance, while also saving energy.
- Full design assistance reduces project design time and cost.
- Reduced maintenance cost as a result of serviceability and high quality components.
- Special materials and designs available for special applications such as lab facilities, hospitals, surgery centers, ocean/corrosive environments, food production facilities.
- Heavy duty construction designed for 30 year plus life.
- Life expectancy at least 2 times that of standard commercial or “light” custom products means you will probably retire before your MarCraft Custom HVAC unit.
- Retrofit applications to fit any space and any shape. Let us take a look at your applications and make our recommendations, assist in design, etc.
- Full engineering support and aftermarket service.
- Central Midwestern location allows for reduced shipping cost, and reduces risks to equipment in transit.
- 30 plus years of applications experience as a custom air handling company.