



Energy Saving Innovators

*Manufacturer of Quality
Air Moving Equipment*



United Metal Products® Commitment:

- To deal fairly and honestly in all situations and business relationships.
- To consistently innovate cutting-edge, green technology to meet the most unique cooling and heating demands.
- To provide the highest level of engineering and manufacturing techniques in order to deliver the best cooling/heating solutions and products possible.



A History of Experience

United Metal Products® was founded by Steve and Peter Kinkel. The Kinkels come from a long family line of cooling industry professionals. Their grandfather, John Goettl, pioneered the early commercial development of evaporative cooling in the 1930s. What began as a start-up company in 1977 has turned into the industry leader for providing innovative and environmentally friendly cooling and heating solutions.

With over thirty years of experience and expertise, United Metal Products® has established itself as a valuable member of any design-build team. From start to finish, the company provides technical solutions, including complete layouts, equipment specifications, and product schedules to meet the tight deadlines required by today's owners. "Our unique ability to deliver high quality solutions in a quick and responsive manner gives us the competitive advantage," said president Steve Kinkel. "We make it easy for engineers and contractors to get their job done."

"The vision of United Metal Products® is to provide our customers with high quality, customized cooling solutions to meet their unique needs. We satisfy our clients' needs by offering the highest level of customer service and support. We do what we say, we finish what we start, and we complete projects on time." Steve Kinkel, President of United Metal Products

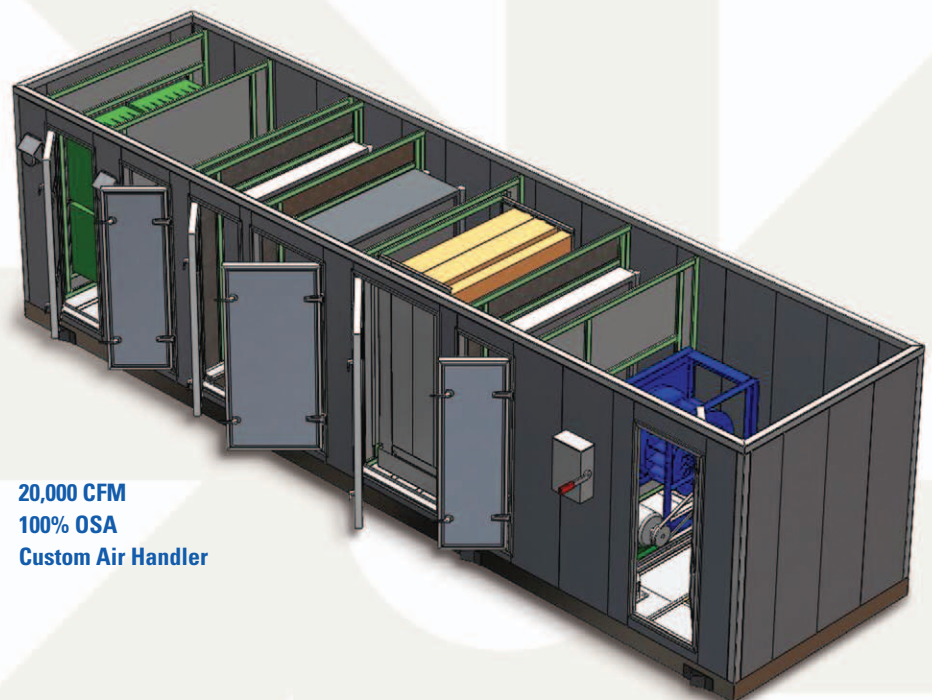
United Metal Products Founders:
Steve Kinkel (left) and Peter Kinkel (right)



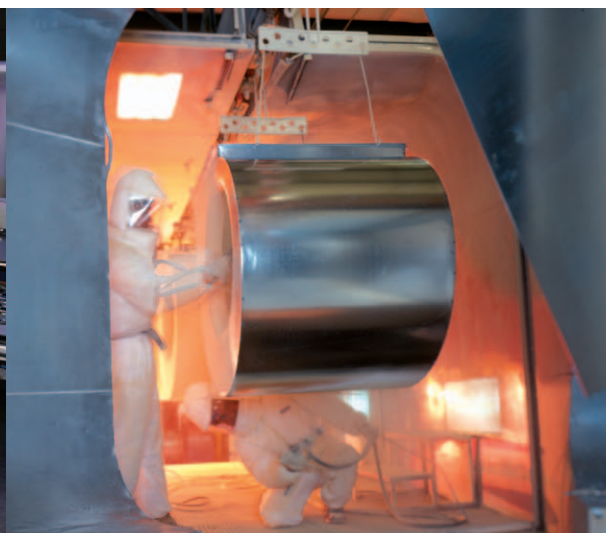
Design

Starting with the correct unit configuration is key. United Metal Products® knowledgeable design team draws on over two hundred years of combined industry experience and the most powerful engineering tools to provide each application with the right component arrangement. In order to achieve the highest level of precision possible, United Metal Products® developed the Selector Program™ to provide engineers and contractors with one of the most comprehensive selection tools in the HVAC industry. This technology allows for each unit to be customized to the inch and then modeled through the Auto-Cad™ and Solid Works™ programs, which ensures that any errors are caught and corrected long before the unit hits the plant floor. By strictly following this process United Metal Products® assures that the customer's expectations are met.

Located in the heart of one of the harshest climatic regions of the world, where temperatures can exceed 120°F, United Metal Products® is uniquely experienced in dealing with the toughest of cooling issues. The base of their operations is in a 96,000 square foot facility in Tempe, Arizona, where they manufacture energy saving cooling and heating air handling equipment for facilities around the world.



20,000 CFM
100% OSA
Custom Air Handler



- Air Movement and Control Association, Inc. Certified Member
- American Gas Association Certified Furnaces



- ETL/Member Labeling Available
- ARI Standard 410 Certified Coils

Fabrication

United Metal Products® uses the most technologically advanced equipment to achieve fast turn cycles as well as precise fitting and finishing of the end product. The Salvagnini S4 and P4 fabrication systems provide accurate parts at five times the speed of traditional press breaks and shear operations.

Powder Coating

United Metal Products® is absolutely committed to providing the highest quality products available on the market. The powder coating of the units is a small example of their commitment to excellence. They offer a variety of selections for the coating including the superior epoxy powder-coated paint finish inside and out. This coating is electrostatically applied before being baked at 375°F for a hard, appliance like finish that resists corrosion, scratches, and harmful ultraviolet light.



Production

United Metal Products® 96,000 square foot facility houses all of the necessary components to produce air handling systems ranging from 1,000 CFM to over 200,000 CFM in custom configurations. These facilities are also where United Metal Products® produces mass customized units for the industrial/commercial evaporative cooling industry.

The thirty years of experience, innovative design, and engineering expertise establishes United Metal Products® as a valuable member on any design-build team. From start to finish, the company provides technical solutions, including complete layouts, equipment specifications, and product schedules to meet tight deadlines.

United Metal Products® facility reflects the strong background in engineering and manufacturing of its owners. United Metal Products® modern and efficient plant utilizes 5S and Lean strategies to their fullest potential.

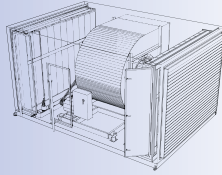


**15,000 CFM
Chilled Water Air Handler**

Product Line

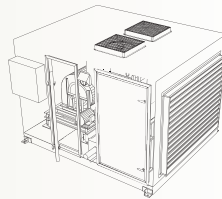
Cel-Air®

- Direct evaporative cooling equipment
- Industrial/commercial applications
- 1,000 to 120,000 CFM



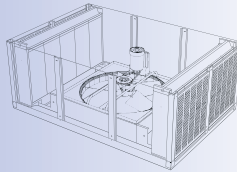
Indirect/Direct Unit (IDU™)

- Indirect/direct evaporative cooling equipment
- Industrial/commercial applications
- 1,000 to 120,000 CFM



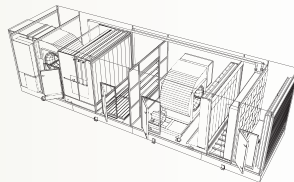
Fan-Air®

- Super efficient evaporative cooling units
- Lowest Profile evaporative cooler on the market
- 3,000 to 30,000 CFM



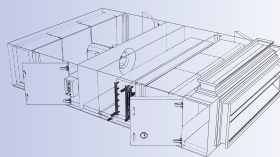
Energy Recovery Unit (ERU™)

- Up to 100% or more efficiency
- High OSA applications
- 3,000 to 100,000 CFM



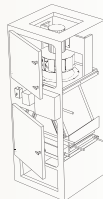
Modular Air Handling Unit (MAHU™)

- Modular components in a single package
- Perfectly suited for mixed air, 100% RA, 100% OSA and economizer applications
- 1,000 to 25,000 CFM



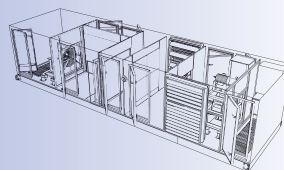
Vertical Air Handling Unit (VAHU™)

- Streamlined design
- Perfectly suited for mixed air, 100% RA, 100% OSA and economizer applications
- Capable of producing high profile static pressures with minimal footprint



Custom Air™

- Completely customizable
- Full range of options including DX to steam or gas heating
- 1,000 to 200,000 CFM



Partial Customer List

Coca-Cola	Costco	Lufthansa
Pepsi	Chrysler	Honeywell
Motorola	RCA	Boeing
Kroger	Wal*Mart	Disneyland
Albertson's	UPS	US West
Nabisco	GE	Mattel
Lowe's	Bose	Nabisco
Lockheed	Lexmark	Keebler
Ford	Epson	Home Depot
GM	Earthlink	Rubbermaid
Toyota	Samsonite	Wrigley

Various Worldwide Applications:

Aircraft	Kennels
Maintenance Facilities	Mining Facilities
Airports	Municipal Complexes
Breweries	Museums
Data Centers	Prisons
Distribution Centers	Schools
Greenhouses	Sports Facilities
Hangers	Warehouses
Hospitals	Wholesale Club Facilities

Evaporative Technology Experts

United Metal Products® is a manufacturer of commercial HVAC equipment with a proven track record of excellence and a strong commitment to customer service. As the industry's leader in outside air energy recovery and evaporative technologies, United Metal Products® specializes in developing innovative solutions while maintaining high standards of quality. This commitment to providing outstanding customer service along with the highest quality products has led to United Metal Products® equipment being installed on facilities throughout the world from Mexico to the Middle East and across the entire United States.

Green Cooling Solutions

Energy Saving Innovators



***United Metal
Products®***

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