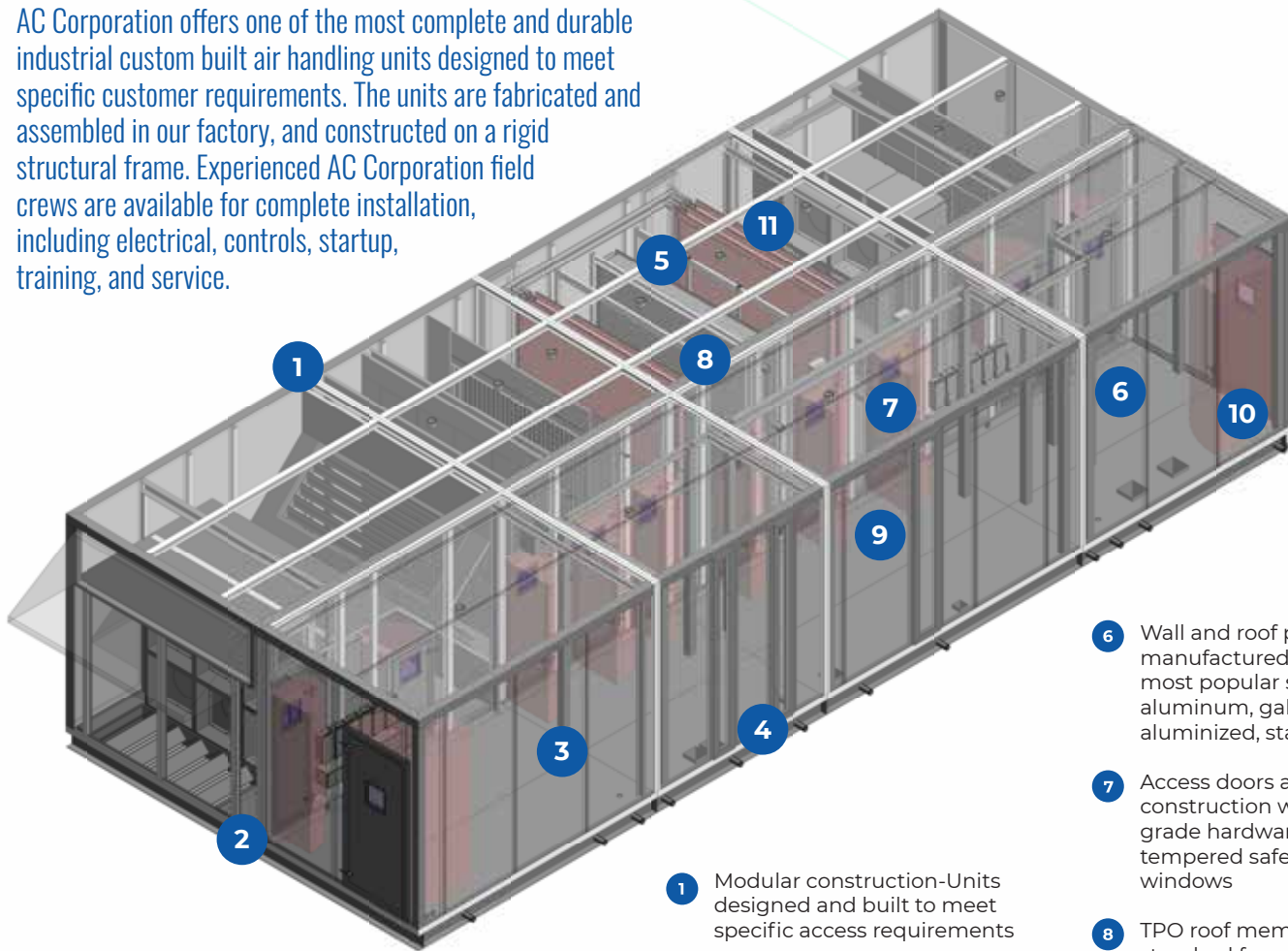


Custom Air Handling Units

AC Corporation offers one of the most complete and durable industrial custom built air handling units designed to meet specific customer requirements. The units are fabricated and assembled in our factory, and constructed on a rigid structural frame. Experienced AC Corporation field crews are available for complete installation, including electrical, controls, startup, training, and service.



- 1 Modular construction-Units designed and built to meet specific access requirements
- 2 Self-supporting structural base frame; removable lift lugs
- 3 All welded floor seams available with perimeter lip turned-up for watertight construction
- 4 Thru-base floor drain piping
- 5 Extruded aluminum chassis with no-thru-metal thermal break
- 6 Wall and roof panels manufactured in-house; most popular skin materials: aluminum, galvanized, T-140 aluminized, stainless steel
- 7 Access doors are panel construction with industrial grade hardware and tempered safety glass windows
- 8 TPO roof membrane is standard for outdoor units, sloped roof
- 9 Any unit available with full length service vestibule
- 10 Coordinated floor penetrations and field piping support framing
- 11 Internal components to meet owner's specific requirements

Features and Benefits

DESIGN FLEXIBILITY/QUALITY ENGINEERING

Each unit built to suit our customers specific needs with top-of-the-line components.

UNIT DESIGN

Every unit custom designed to the owner's requirements using AC corp's high-quality standards of construction.

UNITARY OR MODULAR DESIGN FLEXIBILITY

Units can be built complete in our factory or shipped in modules to facilitate difficult rigging situations.

FACTORY-BUILT, MODULAR, MECHANICAL ROOMS

with chillers, boilers, pumps, piping, electrical, and controls. We can build your complete energy plant in-house!



Cabinet Construction

WALL AND ROOF PANELS

Our custom AHU panels are manufactured in house and made to order for each project. The core material is polyurethane foam, and we can build panels with most skin materials that come in sheet form. Our most popular skin options are stucco aluminum, smooth aluminum, 304 stainless steel, and galvanized metal. Our panels exceed the requirements of NFPA 90A for flame and smoke spread limits.

PANEL MEMBERS

Highest quality aluminum extrusion with integral thermal break for best in class no thru-metal construction and superior strength.

DOORS

Same foam panel/aluminum extrusion construction as walls and room with best quality latch hardware, stainless steel continuous hinges, double gaskets, and safety glass inspection window.

FLOOR

Our standard is continuously welded aluminium safety tread plate with perimeter lip turned up for watertight construction. Other available options are painted carbon steel, stainless steel, or galvanized.

UNDERFLOOR

Sprayed-on, self-adhering, closed-cell polyurethane foam with optional sheet metal covering.

CUSTOM AIR WASHER UNITS

AC Corporation has built high efficient low and high velocity air washers for 55 years with capacities up to 200,000 CRM. Our focus is centered around meeting our customer's specific requirements with the best quality products that will last for decades.

SPRAY CHAMBER

Stainless steel welded construction walls, roof, recirculation tank, spray trees with spray nozzles, baffles, eliminator blades, and optional marine access door.

BASE

Carbon steel or aluminum structural frames continuously welded with lifting lugs. Carbon steel bases are primed and painted.

Looking for a Plug-and-Play Air Washer Solution?

We have in-house services to deliver a completely packaged unit that is pre-piped and pre-wired for power/instrumentation/controls.

accorporation.com



CORPORATION
INNOVATION. EXPERIENCE. RESULTS.

A CRETE UNITED COMPANY

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Greensboro, NC 27406
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RURAL HALL

1020 Supply Road
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