

LEAD TIMES: 12 - 14 WEEKS



35+ yrs Experience in **No Thru Metal** Construction

**Custom Design** Cabinets for Retrofit Applications

ETL Listed Certification

**American Engineering** with **Italian Craftsmanship**

## No-Thru-Metal Cabinet Design

### Casing Construction

- Casing Thickness Options: 2.25"(R-20), or 3"(R-26).
- Inner & Outer Liners: Polyester coated marine grade aluminum alloy (20, 18, 16 gauge)
  - Inner liner for wet sections are SS as standard.
  - Option: AISI 304 or 316 SS (20, 18 gauge)
- Jamb: Combination of aluminum and composite jamb join inner and outer liners eliminating thermal bridging.
- 2 stage gaskets are integral to the panel jamb.
- Panels are with pressure injected foam insulation.
- All fasteners, such as bolts, screws etc are of stainless steel, thereby the casing completely corrosion free.

### Unit Frames

- Powder coated extruded aluminum alloy frames with thermal break

### Base Rail

- Height: 4", 6", 8", 10", 12", etc.
- Indoor Units: powder coated galvanized steel.
- Outdoor Units: Stainless steel 304/316
- Optional: Aluminum base rail options available.

**Custom Design Cabinets:** To facilitate retrofit and replacement projects, unit cabinets are custom designed and supplied in SKD/CKD, as necessary.

### Drive Wedge for Quick Section Assembly:

Modular unit ships in multiple sections with unique self-aligning, quick connect drive wedges.

**Fan Array:** With EC or AC Motors wired to a junction box outside the casing. Fans with ECMs can be provided with air straighteners or backdraft dampers on intake.

**Acoustic Lining:** Acoustic inner to the double wall panels of the fan array plenums, layered with fibrous boards covered with powder coated perforated galv. steel liner with NRC:1.1 rating, thus reducing the noise within the plenums.

**Coated Coils:** AHRI 410 Certified DX/Chilled Water and Hot Water Coils made of Cu tubes, Al/Cu fins with Cu headers & SS frames, as standard. Corrosion prevention dip electro coating on coils available. Coils are installed with stainless steel safings as standard to prevent air bypass.

**IAQ Drain Pan:** Positively sloped IAQ Drain pans made of 18g, 304/316 stainless steel to conform with ASHRAE 62.1 (Chapter 5) with the outlet located at the lowest point. Insulated external drain connection located under the floor panel to prevent condensation under the unit.

**UV Lights:** Mirror finish SS inner liner to enhance performance by preventing mold and mildew growth on the surface of the coil and for Air Disinfection.

### Interior Unit Lights

- LED service lights with switch provided in the main access sections, wired to a single switch located on the exterior of the fan section casing.
- Separate 120V/1 power feed standard

### Add Ons

#### Factory Installed Controls

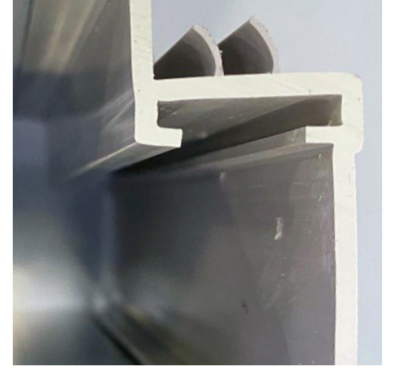
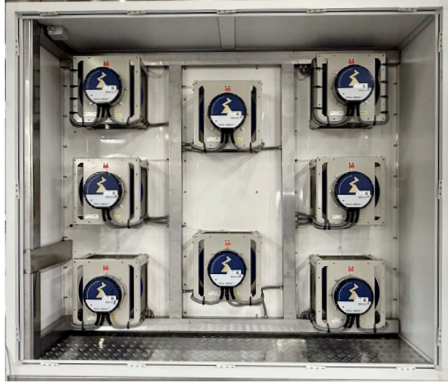
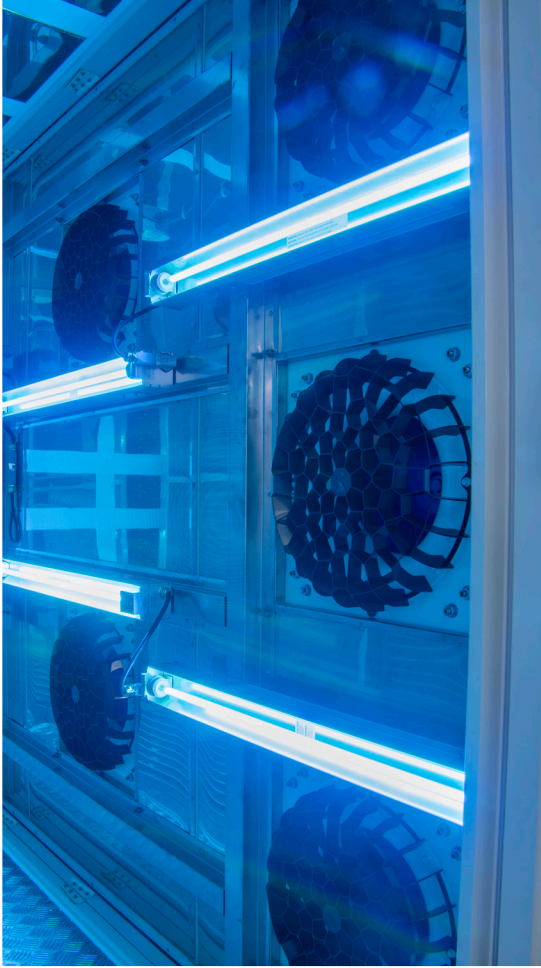
- Single point power connection with disconnect
- Modbus or BACnet control wiring
- Airflow monitoring stations

#### Energy Recovery

- Air to Air Plate – Sensible and Enthalpic
- Rotary Wheel Exchangers – Total and Sensible
- Heat-pipes
- Run-around-coils

#### Other Options

- Humidifiers
- Electric Heater: SS finned tube elements and step control/SCR; Indirect Fired Gas Heater: SS heat exchangers
- Airblender



SCAN QR CODE  
TO VIEW OUR PRESENTATION

