

LEAD TIMES: 12 - 14 WEEKS



No-Thru-Metal Cabinet Design

Insulated Panel: 1"(R-7.6), 2.25"(R-19.9), or 3"(R-26) thick with solid outer and solid or perforated inner liners.

Panel construction include

- Polyester coated 20, 18, or 16 gauge galvanized steel
- Polyester coated 18 or 16 gauge plain or embossed aluminum alloy
- AISI 304 or 316 stainless steel in 20, 18 gauge
- Fiberglass Reinforced Plastic (FRP) with UV Protection\
- Composite jambs join inner and outer panels eliminating thermal bridging
- Panels are with pressure injected foam insulation
- 2 stage gaskets are integral to the Panel Jambs and access doors. Glued on gaskets are eliminated!

Unit Frames

- PVC for 1" and 2" wall units
- Extruded aluminum for 2.25", 3" and 4" wall units

Unit Floor: 10 gauge Aluminum tread plate is standard

Base Rail: 4", 6", 8", 10", 12" thick made of 10 gauge galv. steel sheets, powder coated after manufacture or of SS 316.

Pressure Rating

- Standard 8" positive or negative (Class CL1-AHRI 1350) leakage rated cabinet
- 12" positive or negative pressure cabinet construction is available

Drive Wedge for Quick Assembly of Sections:

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

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

"DINOVI" Washdown Construction: Internal stainless steel chamber is externally welded and has polished, smooth rounded inner corners to avoid water stagnation after full washdown.

Fan Array: With EC or AC Motors wired to a junction box outside the casing. Fans with ECMs are 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.

30+ yrs Experience in No Thru Metal Construction

Custom Design Cabinets for Retrofit Applications

ETL Listed & AHRI 430 & 410 Certifications

American Engineering with Italian Craftsmanship

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 blanking plates 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: To avoid mold and mildew growth on the surface of the coil and for Air Disinfection.

Interior Unit Lights

- LED service lights with switch provided in main access sections
- Separate 120V/1 power feed standard

Energy Recovery

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

Electric Heater

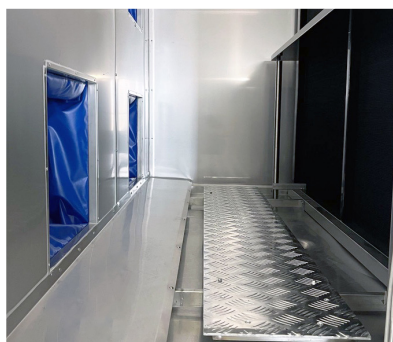
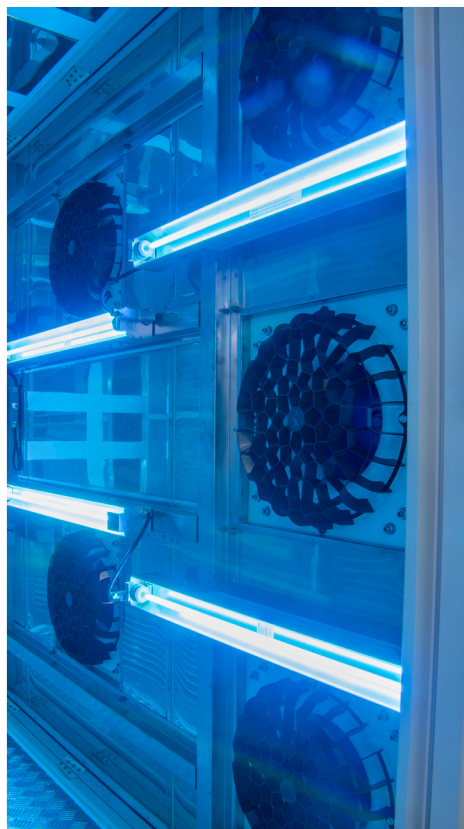
- Open wire type or SS fin tubular electric heater
- Step control or SCR
- Separate power feed is required

Indirect Gas Fired Duct Furnace

- Indirect fired gas heaters
- Minimum thermal efficiency of 80%
- Stainless steel heat exchangers
- Full modulation available
- Natural gas with pressures of 7" to max 14" w.c. typical

Factory Installed Controls

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



SCAN QR CODE
FOR MORE INFO!

