

HygieniusConstruction

Tomorrow's Construction
Available Today!

Featuring Annexair's Thermo-Composite casing, the Hygienius units represent the best option for educational institutions, healthcare centers and other buildings requiring high hygienic standards.

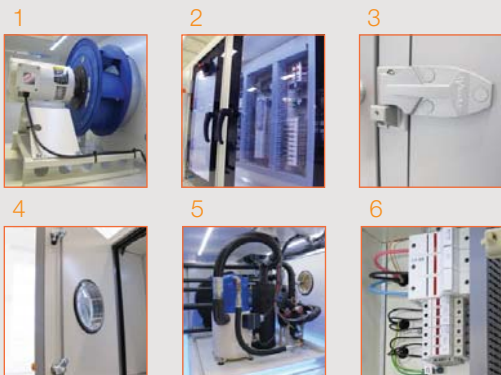
This revolutionary concept offers the best of both worlds: **unsurpassed quality, same price** as conventional steel units. Who dared to say that perfection does not exist...

Key Features

- Attractive contemporary look
- Fire Resistant panel, UL 723 / ASTM E84, Class 1
- 30-40% lighter than steel unit casings
- R-14 Insulation with **GREENGUARD®** certified foam
- Real thermal-break panel assembly - "No Sweat Condensation" even at 35 °F
- 3 times more rigid than standard steel panels (L/1150)
- Chemical resistant against all urban pollutants
- 3000 hrs salt-spray resistant
- Superior acoustical properties versus standard casings
- Washdown construction [wipe down type]

Unique Accessories

1. High efficiency composite fan wheels
2. Clear acrylic control panel doors [indoor installations]
3. New lift-off access doors designed by Annexair*
4. Single handle doors with multi-linked cam latches
5. - Anti-sweat paint for compressor base*
- Flexible hose piping near compressor discharge and suction lines*
6. Finger safe fuse blocks

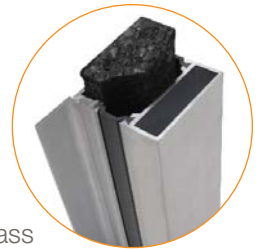


*Available upon request.



Framing Details

- Extruded anodized aluminum profiles for unit perimeter
- Welded junctions for superior rigidity
- Insulated intermediate profiles
- Thermal-break concept with 0.75-in glass reinforced nylon insert - eliminates all risks of condensation



Panel Details

- Double-wall polymer core with foam insulation, aluminum skin on both sides, and PVC trim
- 2-in thick with R-14 insulation factor
- Certified foam made of special polystyrene with 30% recycled content

PROPERTY	STANDARDS	RESULTS
R Value	ASTM C518	R-14, 2" thick
Flame Spread/ Smoke Development	UL 723 / ASTM E84	Class 1
Fire Resistance	UL 94	5VA
Salt Spray Resistance	ASTM D117-94	3000 hrs no blister
Acid Resistance	ASTM D1308-87	Passed
Deflection	SMACNA	L/1150 at 10 in wg
Leakage Rate	ASHRAE 111 Class 6	<1% at 8 in wg

*"Changing the way we see
air handling units"*