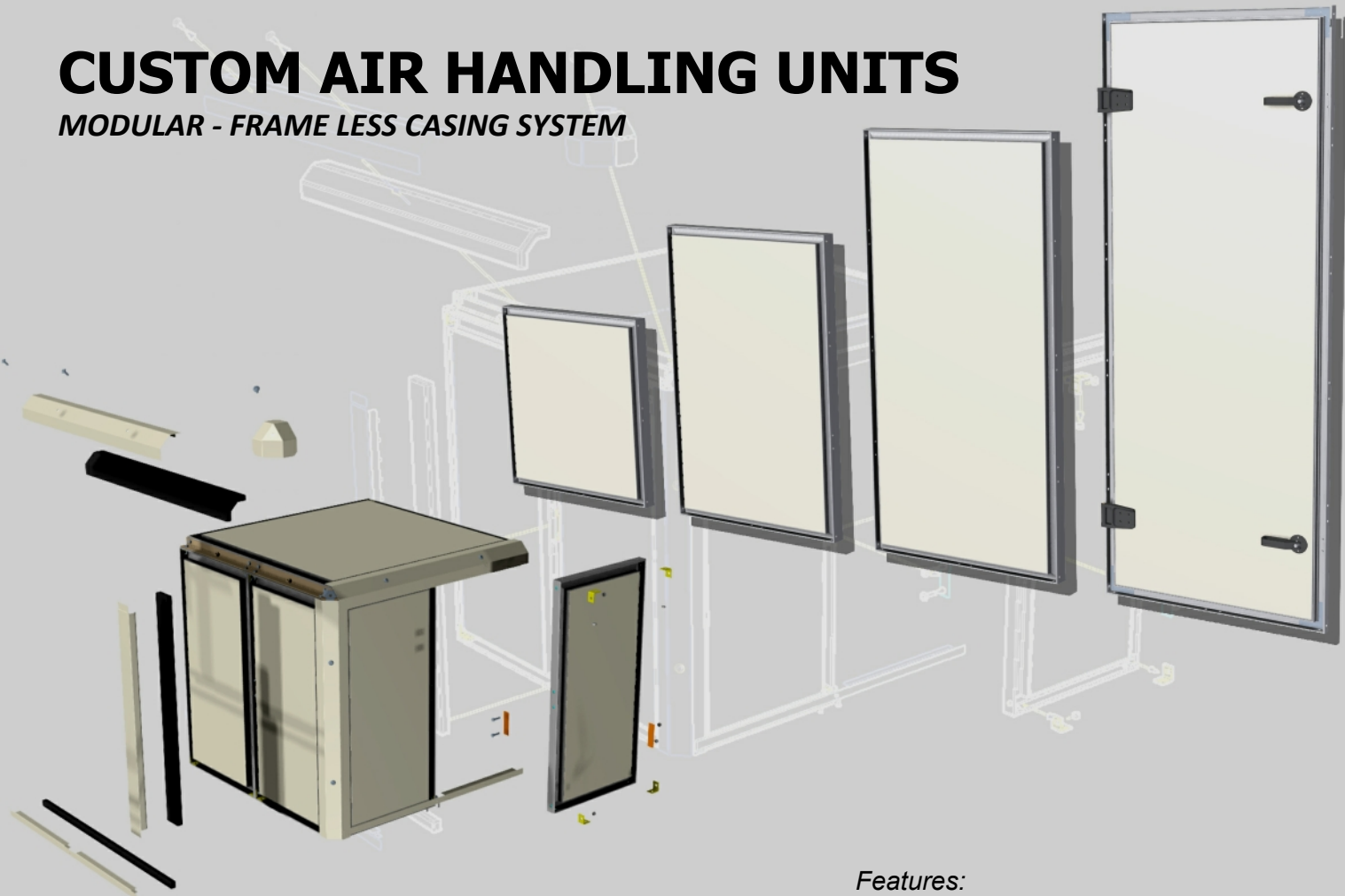


# CUSTOM AIR HANDLING UNITS

MODULAR - FRAME LESS CASING SYSTEM



## Features:

- Unlimited application possibilities
- Easy constructions with modular & versatility principle
- Grid dimension allow the use of international standard filter sizes - 12" x 24" or 24" x 24"
- Construction sizes divisible by 310 mm grid

## Panels:

- Double skin sandwich polyurethane panel with patented breaker strip minimize heat transfer between internal & external skin
- Available in 30 mm & 50 mm thickness
- Material:
  - ✓ Panel frame - Polyvinyl Chloride Compound (PVC)
  - ✓ Outer skin - Galvanized steel/ Pre-coated galvanized steel / Stainless steel (0.5 mm thickness)
  - ✓ Inner skin - Galvanized steel / Pre-coated galvanized steel / Stainless steel (0.5 mm thickness)
  - ✓ Inspection / Access door frame - Fibre Reinforced Composite (FRC)

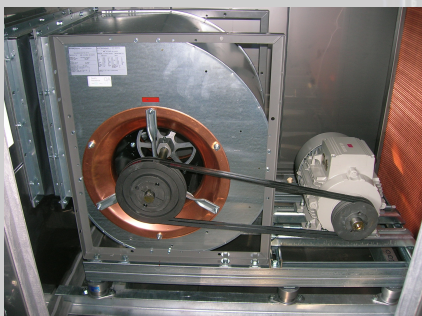




*\*Vertical AHU with pre-coated panels*



*\*SS316 panels with hot dipped galvanized steel base(s)*



*\*ATEX fan & motor with copper fin/copper tubes coil*

**SAI COND Air Handling Unit** are the perfect solution when custom air handling units are required. Versatile product offering tailored equipment selection, ease of installation and shipping with modular construction and knocked down unit.

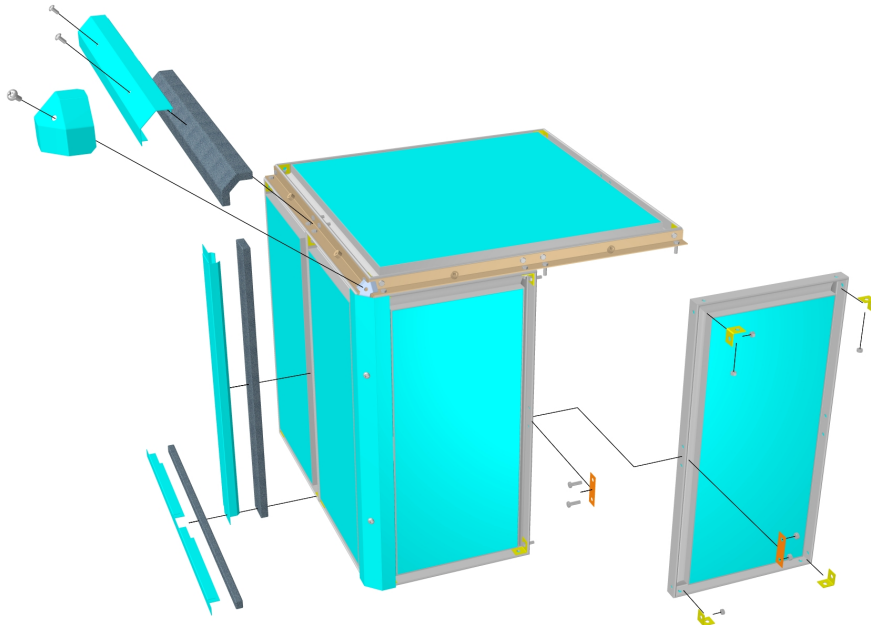
Product are designed and constructed to provide the architect, engineer, as well as contractor and owner alike with precision engineered and matched components plus an almost unlimited options. A substantial choice of sizes, capacities and arrangement can be furnished for new or existing commercial, industrial, or institutional buildings and ships.

It is constructed of frame less modular panels of which the grid dimension allows the use of international standard filter sizes of 24" x 24" or 12" x 4" .Dimensions of panels are always can be manipulated and divisible by 310 mm (12").

**SAI COND air handler** is surprisingly flexible. It can be dismantled or delivered in completely knocked-down form and reassembled easily in a matter of time. All respective parts are interchangeable and replaceable if damaged without affecting other connected parts. It offer easy maintenance and ready adaptability to almost any air handling application.

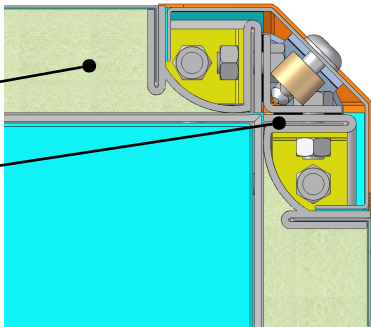
**New sections** can be added or removed any time. A modular panel may be replaced with a service/inspection door and door may also be shifted to other area of the unit with similar size of panel.

# GENERAL CONSTRUCTION



Polyurethane insulated  
\*CFC free

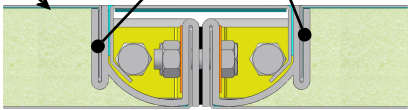
Patented  
thermal breaker  
frame



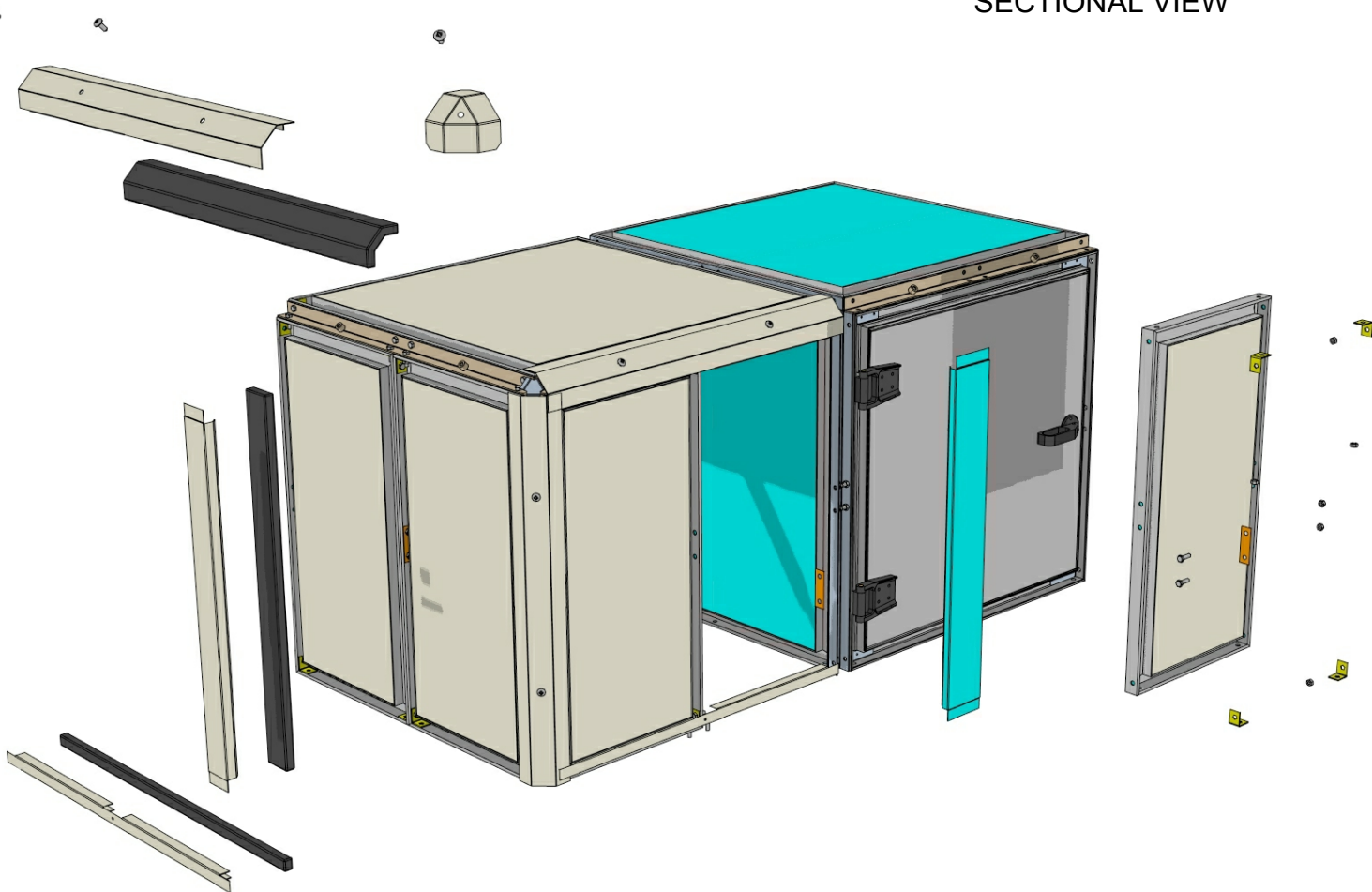
CORNER SECTIONAL VIEW

Panel

Patented  
thermal breaker  
frame



PANEL TO PANEL  
SECTIONAL VIEW



Contact :  
SAI COND SALES & ENGINEERING SDN BHD,  
No.3, Jalan Mashuri 1, Kwsn Perindustrian Kluang,  
Batu 4, Jalan Mersing,  
86000 Kluang,  
Johor, Malaysia  
Tel : (+6) 07 - 7879588 / (+6) 07- 7878860  
Fax : (+6) 07 - 7878871  
Email : sales@saicond.com.my  
Web: <http://www.saicond.com.my>