VISUAL-AHU is a Windows based sales & production system specially designed for Air handling unit manufacturers.
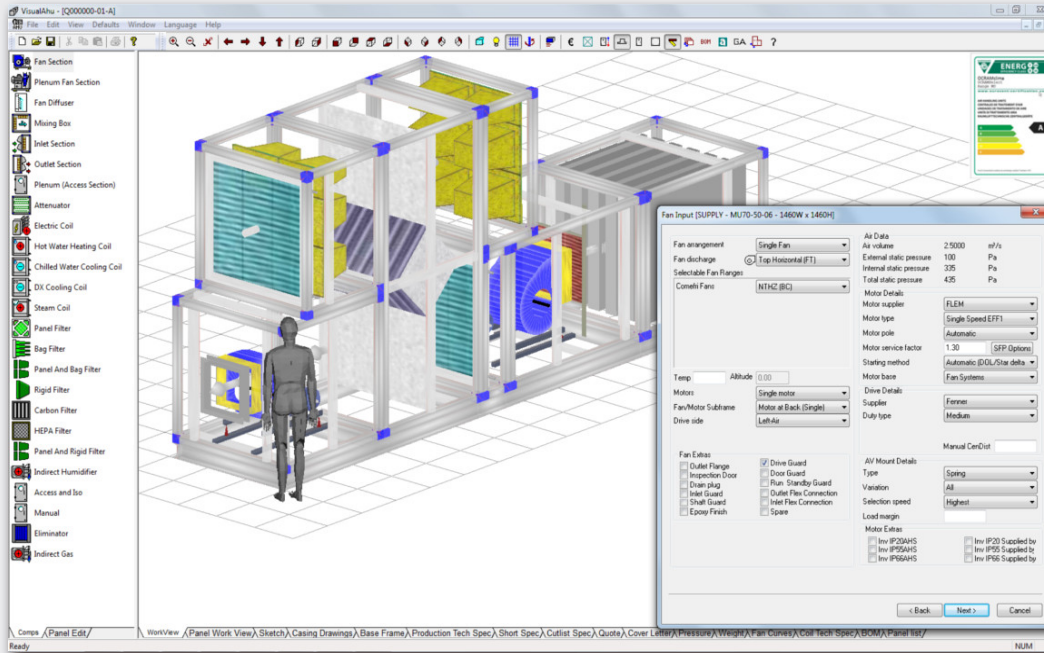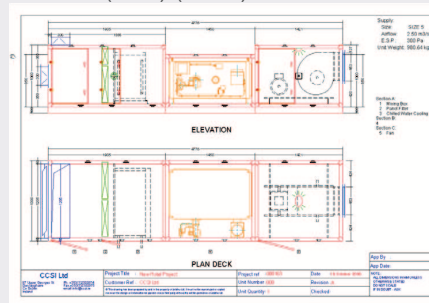

FEATURES (Standard Visual AHU)

\# Unique data entry module (customisable databases)
\# Inline, double deck, side by side and U shape units
\# Template unit creation for quick selection
\# User definable component defaults
\# Unique 3D visualisation
\# Easy to use drag and drop for positioning components
\# Dampers, inlets and outlets can be resized and moved
\# Automatic sectioning depending on profile length
\# Join / split a section at any location
\# All sections can be resized
\# Manual components can be added into the existing selection
\# Symbol insertion for special/non-standard components
\# Manual panel override for non-standard designs
\# Multilingual / multi units (metric/imperial)
\# Project management system
\# Additional supplier's blackboxes can be incorporated
\# The software calculates performance, cost, weight,
   length and air pressure drop for each component
\# EU standard version of software design meets
   EUROVENT certification requirements
\# Full 3D Revit (BIM) output

OUTPUTS

\# Scaled, dimensioned AutoCAD GA drawings (DWG)
   for insertion into customer drawings
\# Cabinetry BOM (inquire for more details)
\# Panel cutting list
\# Costing breakdown - materials, labour times
\# Weight Breakdown sheet
\# Performance/Technical specification
\# Scope of supply (PDF)
\# Quotation and cover letter (PDF)
\# Fan curves (PDF)
\# Psychrometric charts
\# Sketch (PDF) (DWG)

OTHER VERSIONS

\# Visual AHU Online - www.hvac-select.com
\# Visual AHU Lite - Limited customisation
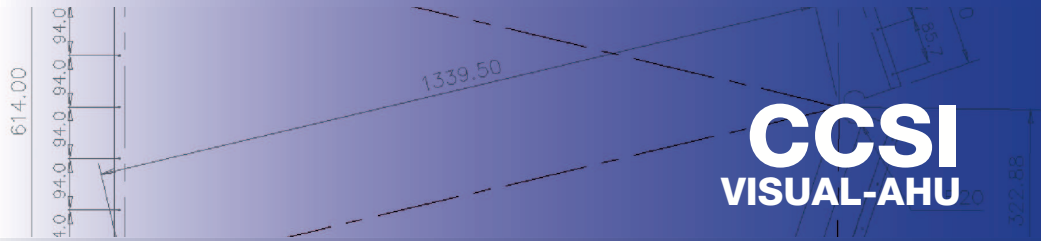\# Visual AHU Custom - Please discuss your
   requirements

UPGRADES

\# Autodesk Inventor integration
\# Revit - create BIM models from Visual AHU selections
\# Visual AHU Manufacturing - see next page
\# EUROVENT unit certification

Autodesk
Authorised Developer

www.ccsi.ie 87 Upper George's Street   Phone +353 1 2302074
Dun laoghaire   Fax +353 1 2302075
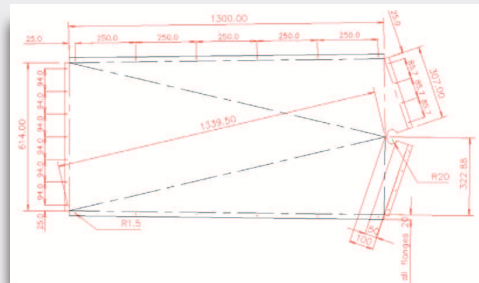Co. Dublin   Email sales@ccsi.ie
Ireland

VISUAL-AHU MANUFACTURING turn your sales into production

FEATURES

Full BOM for all component internals (blank offs, slide rails etc.)
Simple to use interface to modify sheet part equations, cut sizes, hole patterns, notch sizes etc.
Additional holes and cut outs can be added to any panel or door in the unit
Ability to add and define new sheet metal parts to component assembly BOM
Scaled, detailed manufacturing AutoCAD drawings (DWG) detailing blank off internals
Individual generic drawings for each part
Automatic link to most CNC software
Automatic link to most MRP software
Real time dynamic link to AutoCAD
Insertion of AutoCAD symbols
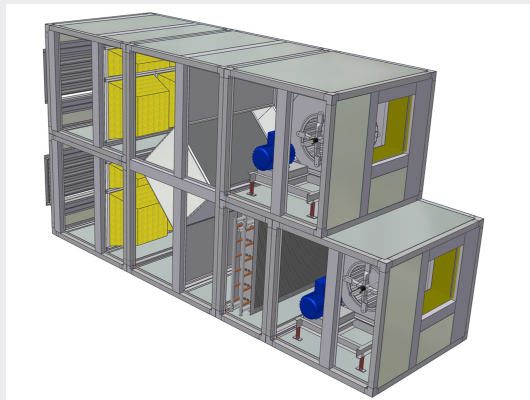# Inquire about custom manufacturing system integration

OUTPUTS

Full BOM detailing all formed and sheet sizes
2D flat drawing of all BOM items
Separate BOM list for each automation process
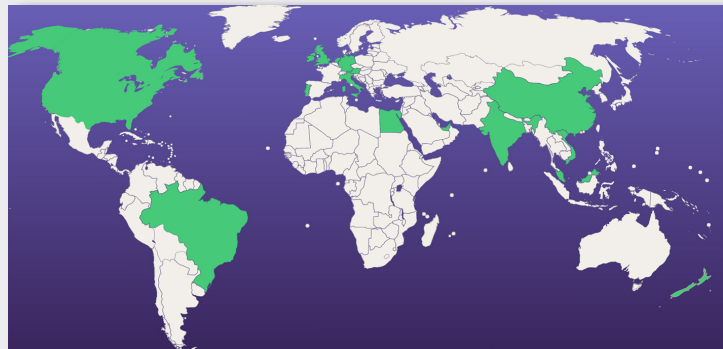# Quantity and weight of each material used
Full cabinetry BOM

AUTODESK INVENTOR CUSTOM INTEGRATION

Authorised Autodesk Developer

Seemless integration of selected unit into Autodesk Inventor

SELECTED CUSTOMERS

ETA (India)
SKM (UAE)
Cooke Industries (New Zealand)
Direct Coil (Canada)
Innovent (USA)
Barkell (UK)
Tanta Motors (Egypt)
Efatar (China)
Bluestar (India)

OTHER PRODUCTS

Coil Selection - Fully configurable coil selection and rating software

Fan Coil Selection - Fully configurable Fan coil selection software

Fan Selection - Fully configurable Fan selection software

Also selection systems for **Fan coils, Heat Pumps, Plate heat exchangers and Air Cooled condensing sections.**

All CCSI software can be fully customised for individual client's requirements.