



Geniox

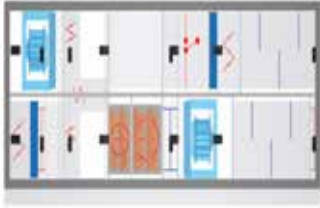
The Next Generation of Air Handling Unit

Geniox is the next generation air handler. Geniox is designed to combine performance and quality usually only found in full custom AHU's with the lead time and convenience of a modular air handling unit. Geniox is one of Systemair's newest Intelligent Ventilation products built specifically for the North American market, in North America.

geniox

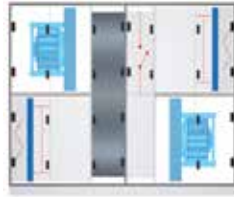
 **systemair**

One box. Many uses.



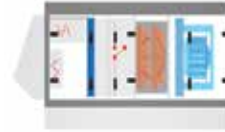
VRF Integration

Custom designed VRF module
VRF heating and cooling options
Factory installed coils & kits
Custom in-house controls integration
2.4" Double wall foam injected thermal break
ASHRAE 111 CLASS 6 Leakage (<1% at +/- 8" w.g.)
With or without energy recovery



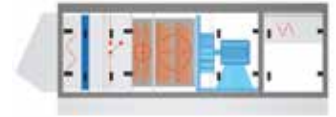
Large ERV

ERV built with AHU casing construction
Listed with AHRI as an AHU
Double wall galvanized steel
2.4" >R14 foam injected panels
Optional temper coils
Wheel or Core
Sensible or full enthalpy
With or without controls
Indoor or outdoor



DOAS

Supply and exhaust only units
Sometimes stacked with energy recovery
Not primary heating or cooling unit
Occupant ventilation focused



MUA

Supply unit only
Can treat 100% outdoor air
Supplied room-neutral or heating or cooling, dehumidification with reheat
Exhaust replacement focused

Airflow

Geniox 10 - 40 (8 sizes)
2,700-27,000 cfm
Single or Double Air Path



Heating

Hot Water (Pre and/Post)
HW Combo
Electric (SCR)
VRF



Cooling

Chilled Water, CW Combo
Split DX
VRF



Casing

2.4" - 60mm thick Galvanized Steel Panels
>R14 Foam Injected Double Wall
Full Thermal Break
ASHRAE 111 Class 6 low-leakage
<1% leakage rate @ +/- 8" w.g.
Less than L/240 @ +/- 8" w.g. panel and door deflection



Fans

ZIEHL-ABEGG Cpro Series
Direct Drive Plug Fan
Fan Arrays for Higher CFM
Baldor AC, Yaskawa VFD or by others



Controls

208/3/60, 460/3/60, 575/3/60
Factory Distech Controls
Factory Installed Controls
No Controls Field Installed



Optional Energy Recovery

3A Enthalpy Wheel
Sensible Wheel
Enthalpy Core
Sensible Core



Filters

Pleated Panel 30/30 MERV 8-13
ASHRAE 52.2
Bag Multi-Pocket MERV 9-14
UL-900 Listed

