

# Geniox+

## The easiest solution in providing fresh air to any VRF system

Achieving ventilation that complies with ASHRAE Standard 62.1: *Ventilation for Acceptable Indoor Air Quality* while also maintaining humidity and filtration can be quite challenging with VRF systems.

Until now, meet the Geniox+.

The Geniox+ is the easiest, most efficient solution for bringing in fresh air, regardless of the VRF manufacturer. With factory coordination & custom in-house controls integration ensures seamless integration and less field time.



With customer benefits like this, it doesn't get much better or easier:

Design Stage Benefits	Engineer	Contractor	Owner
Factory Technicians optimize location of LEV kit panel for clearance.	✓	✓	
Coils are pre-approved from factory for sizing and fit.	✓	✓	
The option to deliver with or without controls is a bonus against many OEMs integrating various VRF brands.	✓	✓	
Field installation access is never large enough with a fully assembled unit.	✓	✓	
Flexible to hide the condensing unit with a parapet and reduce outdoor sound levels.	✓		✓
Building owner has less mechanical equipment to maintain for service repairs.			✓
Building owner has less mechanical equipment in operation, saving energy expense.			✓
Ability to incorporate other components, such as Energy Recovery, into one unit.	✓		✓
More cohesive operation with one unit serving many functions vs. multiple units to achieve the same result.	✓	✓	✓
Saves precious floor area in mechanical rooms by combining many functions into one unit.	✓	✓	✓
Ability to pair Geniox+ with all leading brands of VRF/V.	✓		

Installation Stage Benefits	Engineer	Contractor	Owner
Installation of VRF kits in the field are difficult.	✓	✓	
Avoid installation of the coil on site, saving labor and reducing number of installation techs to set into place.		✓	✓
Factory installed sensors removes the need for the installing contractor to field install.		✓	✓
Less future field issues compared to site installation i.e. coil leaks, sensor malfunction or improper readings.	✓	✓	✓
VRF kit is installed unit mounted vs. remote location (COMM Box), saves time and effort for additional wiring.		✓	✓
Factory installed wiring removes the need for installing contractor to wire sensors to the VRF kit.		✓	
The VRF kit and E-TXV are challenging to field install and avoids soldering/ brazing inside the unit. Only external connections are required.		✓	
Avoids a days' worth of refrigeration contractors labor per unit.		✓	✓
Multiple VRF kits adds more time for larger systems.		✓	✓
Factory electrical wiring saves valuable field wiring time.		✓	✓
The control box is a bonus for centralized wiring station for the condensing unit connections.		✓	✓
As close to "packaged" AC unit but with higher efficiency of variable refrigerant system.	✓		✓

Contact your local Systemair representative for design assistance.