

GEN V

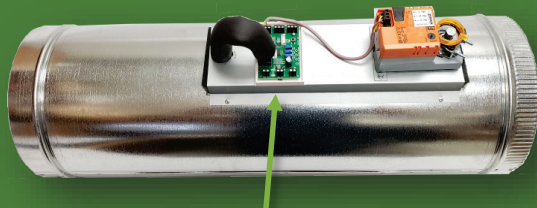
Control ducted mini-splits with modular air handlers and VRF systems. Perfect for commercial or residential applications utilizing energy savings VRF technology.
2 - 20 Zones per VRF Fan Coil or Air Handler



VRF-VAV: A New Concept in Air Delivery For VRF Systems

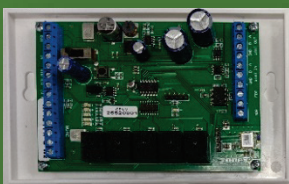
Smart Air Valve

Operates like an indoor unit without affecting VRF operation



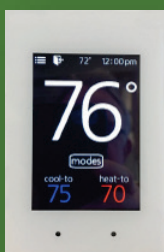
Patented static pressure controller ensures the correct targeted amount of air is delivered at all times

GEN V Controller



Simple daisy-chain control wiring

EzTouchV HUB Stat



Elegant design, high tech performance controls the entire system from a single point



Pressure independent, self-balancing, SAVs (**Smart Air Valves**) provide targeted air delivery eliminating the need for a bypass ensuring measurable, known, and repeatable air delivery to each zone



Control one zoned unit with up to 20 VRF-VAV Smart Air Valves per ducted fan coil or control 20 standalone and/or additional standalone systems.



Manage the entire system from one central HUB, no internet connection required



Color LCD touchscreens and intuitive menus make system management effortless



24 VAC occupancy output signal for economizers or any other system component that requires a signal to indicate normal hours of operation



4 Daily schedules plus Vacation/Holiday scheduling can be set individually or globally



Programmable fan scheduling to optimize air purification



Simple daisy chain wiring from the GEN V stat to stat, with no home run wiring required



Prioritize stats from the HUB with 0,1,2, or 3 votes



On board diagnostics streamlines troubleshooting

GEN V

Controls and accurately manages the airflow at each fan coil while the VRF system manages & controls refrigerant flow

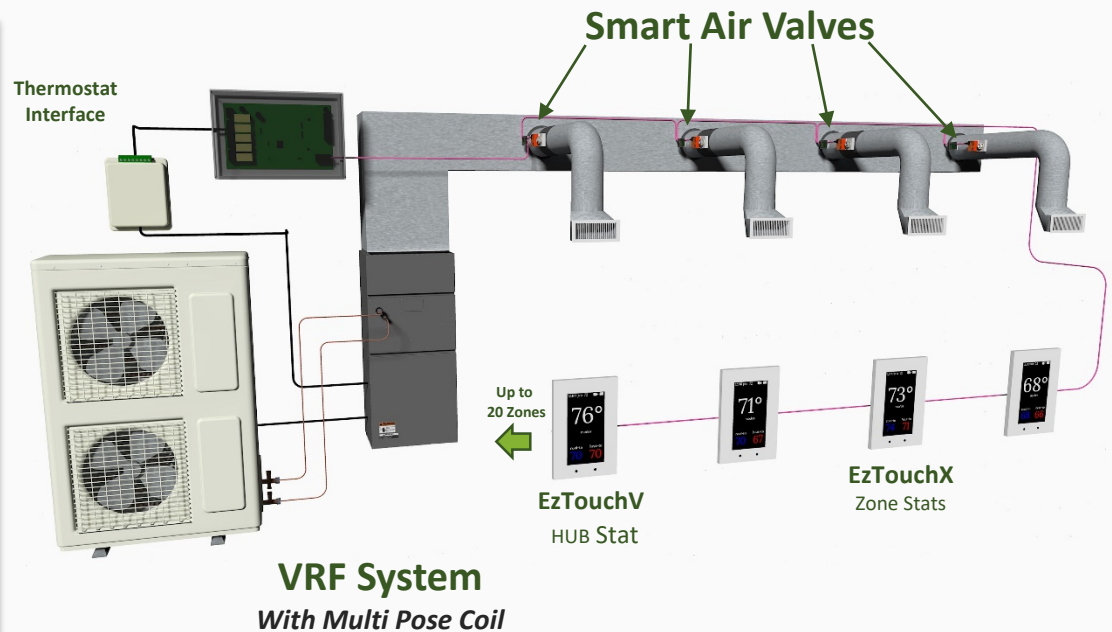
Static and Velocity pressure are the problems with open & shut dampers. Very small changes in static make major changes in velocity passing through the damper, so zones satisfy quickly providing temperature control but all energy savings are destroyed by the ON/OFF operation.

This problem is solved with the pressure independent self balancing SAV damper in the VRF-VAV system

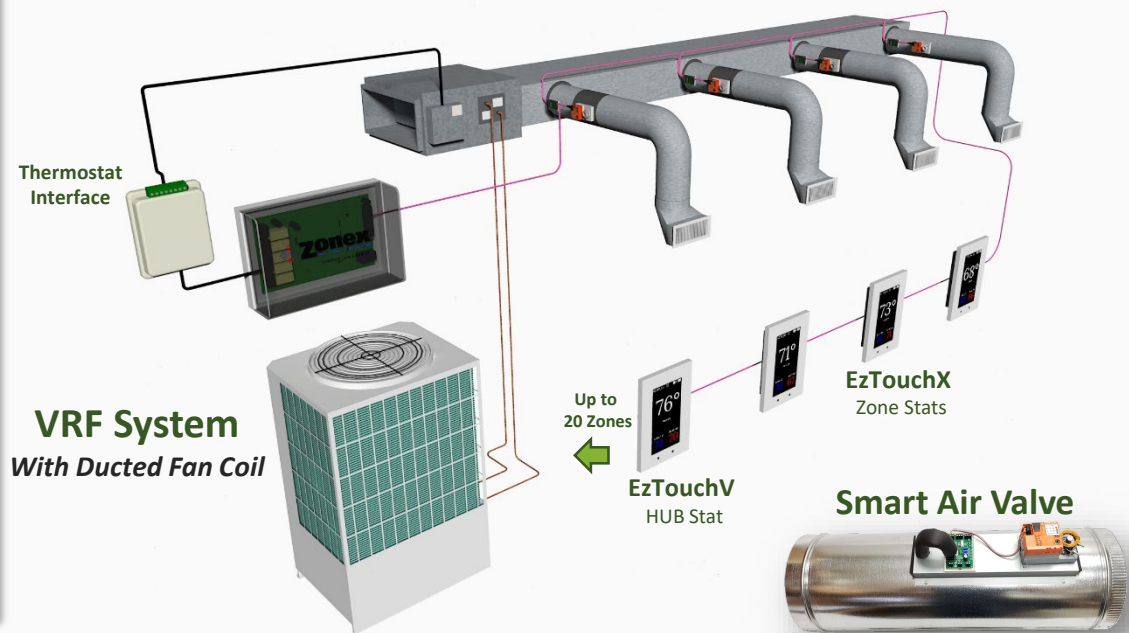
Reduce Installation Costs and Time By:

- Eliminating multiple fan coils
- Eliminating extensive refrigerant piping
- Fewer filters to change/wash
- Fewer condensate lines to install
- Fewer electrical circuits to run

The GEN V communicates with an EzTouchV HUB thermostat that allows easy configuration of the GEN V controller with up to 20 zones per VRF fan coil in commercial or residential jobs.



Reduce long refrigerant runs & equipment costs
by replacing indoor units with Smart Air Valves (SAV)



Your alternative to costly & complex control systems

GEN V provides the benefits of VAV with the efficiency of VRF technology

CLICK FOR QUOTE