Zonex SYSTEMS
*comfort you control*

# Perfect VRF Comfort Control
## At The Touch of Your Finger

# GEN *V*

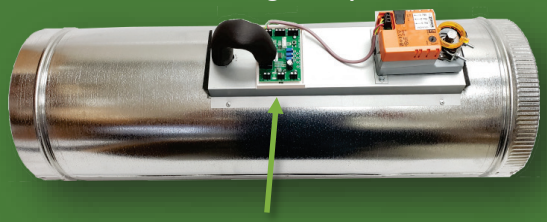
Control ducted mini-splits with modular air handlers and VRF systems. Perfect for commercial or residential applications utilizing energy savings VRF technology.

**2 - 20 Zones per VRF Fan Coil or Air Handler**

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

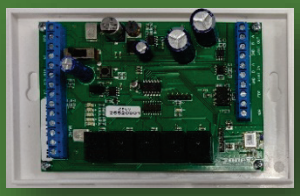
### Smart Air Valve

**Operates like an indoor unit without affecting VRF operation**



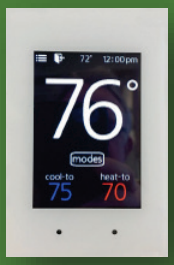
**Patented static pressure controller ensures the correct targeted amount of air is delivered at all times**

### 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 (**S**mart **A**ir **V**alves) 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

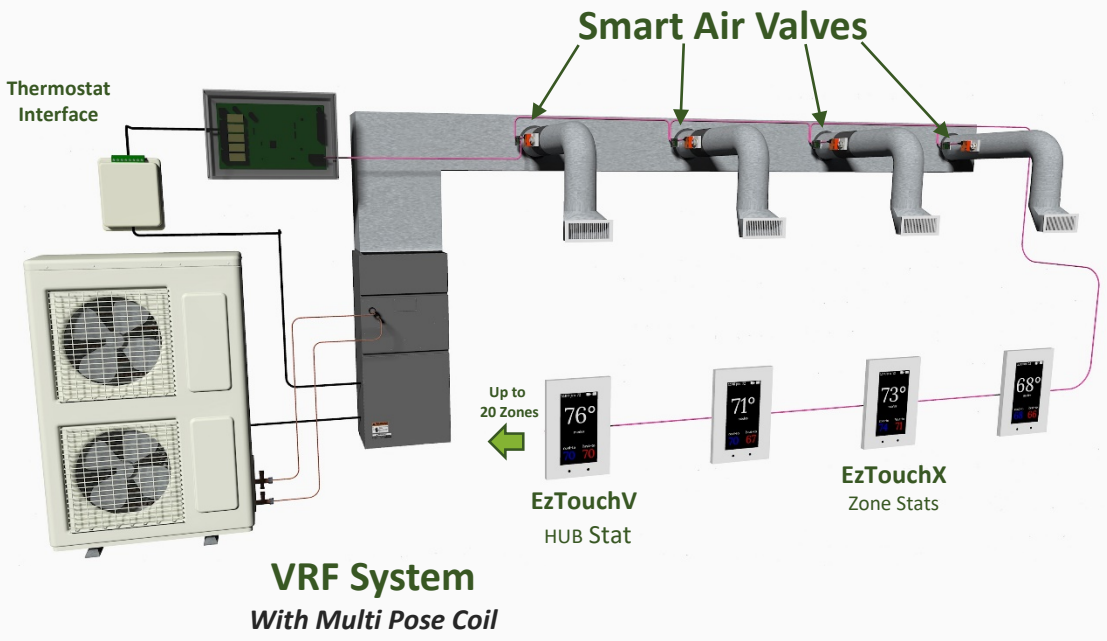
Static and Velocity pressure are the problems with open & shut dampers. Very small changes in static make major changes in velocity passing through the damper, so zones satisfy quickly providing temperature control but all energy savings are destroyed by the ON/OFF operation.

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

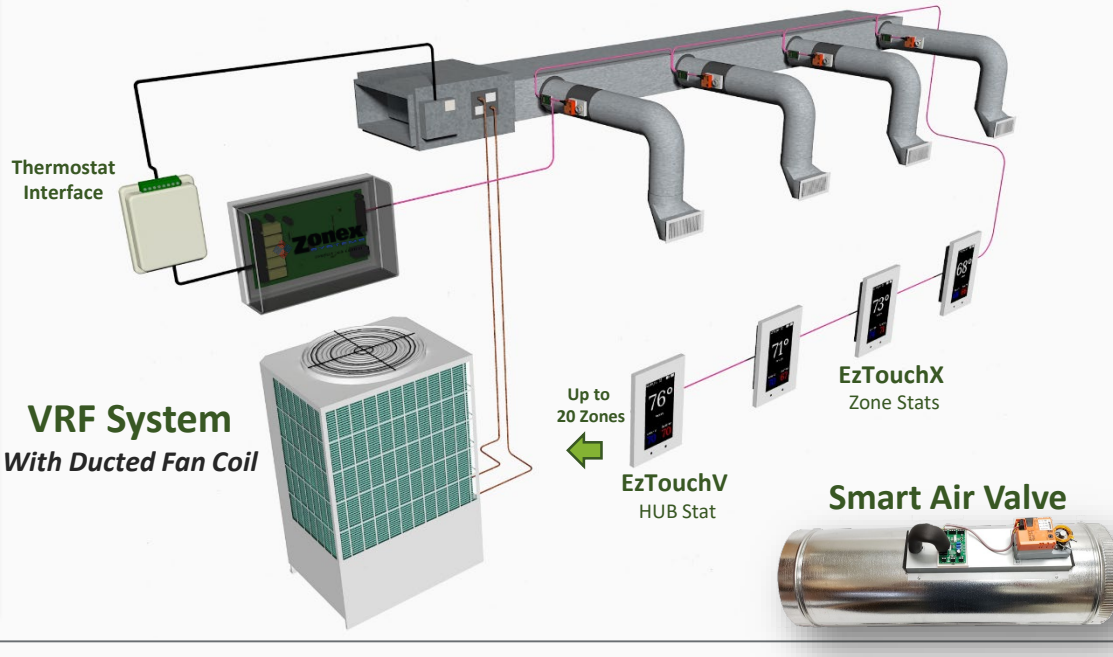
## Reduce Installation Costs and Time By:

- **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**

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Call **(800) 228-2966**
or get a quote at **www.zonexproducts.com**

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