

# iAIRE

## TrueVAV

TrueVAV is an ideal solution for providing conditioned air to VAV boxes or other devices that rely on variable air flow to control their space. TrueVAV units modulate the supply fan to maintain duct static pressure then modulate either cooling or heating capacity to maintain a constant air temperature leaving the unit. A capacity control device and head pressure controls are used to keep the compressor(s) on line and operating at peak efficiency under varying load conditions. iAIRE's TrueVAV unit controller supervises all aspects of unit operation to give you a VAV system that can be deployed in a stand-alone application, or utilized as part of a larger network of units through the Bac-Net or LON Communications platforms.



Residential/Commercial Splits



3-150 ton RTU



Controller

### FEATURES:

- iAIRE controller to regulate supply air
- Field convertible airflow
- Variable frequency drive (VFD)
- Capacity control device
- Scroll compressors with internal line-break overload protection
- Liquid line filter-driers
- Standard 2" throwaway filter
- Tool-less filter access door
- Provisions for thru-the-bottom power entry capability as standard
- 1,000 hours salt spray protection
- ASHRAE 62 Standard non-corrosive composite condensate pan

### OPTIONS:

- Ionization
- ultraGUARD
- ERVs
- Manual/2-Pos. OA Dampers
- BACnet
- Double Wall
- SS Drain Pan
- SS Gas Heat Exchanger
- Dirty Filter Switch
- Service Outlet
- Split Unit Power
- Smoke Sensor
- Low Ambient Control
- OA Hood
- Annual Timer
- Phase Monitoring
- Modulating Gas Heat or SCR
- Higher Gas Heat
- High Static Fans

Specifications	
Power (1 & 3 phase)	208/230/460V
Capacity Range	3 - 100 tons
Cooling Stages	1 mod & up to 3 on/off
Heating Stages	Modulating