TRUEVAV
Variable Air Volume System

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 and then adjust either cooling or heating capacity to keep the air temperature constant. A variable frequency drive ensure the compressors operate at peak efficiency under varying load conditions. iAIRE's TrueVAV unit controller oversees all aspects of operation, making it suitable for stand-alone applications or integration into a larger network using BacNet or LON communication platforms.

Features

- Advanced iAIRE controller for precise regulation of supply air
- Field-convertible airflow configurations available on select models, enhancing versatility.
- Integrated variable frequency drive (VFD) for optimized energy usage and motor control.
- Advanced variable frequency drive for seamless performance adjustments.
- Reliable scroll compressors equipped with internal line-break overload protection for enhanced durability.
- High-efficiency liquid line filter-driers ensuring system reliability and longevity.
- Standard 2-inch throwaway filters for effective air filtration.
- Tool-less filter access door on select models for easy maintenance.
- Standard provisions for thru-the-bottom power entry on certain models, streamlining installation.
- Robust 1,000-hour salt spray protection for extended component life in corrosive environments.
- Compliant with ASHRAE 62 standards, featuring a non-corrosive composite condensate pan for superior durability and IAQ

Options:

- ultraPURE - Ionization for Air Purification
- ultraGUARD - Corrosion Resistant Coatings
- Energy Recovery Wheels (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 Detectors
- Low Ambient Control
- Economizers / OA Hoods
- 365 Day Timer
- Phase Monitoring
- Modulating Gas Heat or SCR

Contact Us

844-257-0991

www.myiaire.com

PD 06/14/2024 - V1.13
PN MKT-0026