



ULTRADRY

Dedicated Outside Air System

ultraDRY is an ideal solution for treating outside air. The system modulates hot gas to a reheat coil to maintain discharge air temperature while providing excellent control and dehumidification when needed. The proprietary control logic is used to enhance system operation and protect the VFD driven compressors.

Controls

UltraDRY DAT (Discharge Air Temperature) is designed to temper the air supplied from the ultraDRY to the building space or other A/C systems at the same temperature as the space temperature.

UltraDRY PROCESS is designed to condition the air to provide cooling or heating to the building space so only one piece of equipment is needed to both treat OA and maintain space temperature and humidity temperatures.

Features

- Advanced iAIRE controller for precise regulation of supply air or space humidity and temperature.
- Capable of handling 0% to 100% outside air applications, providing maximum flexibility.
- Field-convertible airflow configurations available on select models, enhancing versatility.
- Fully modulating hot gas reheat system for efficient dehumidification and precise temperature control.
- Integrated variable frequency drive (VFD) for optimized energy usage and motor control.
- Advanced capacity control device 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

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