



# ultraDRY by iAIRE

outside air solutions

ultraDRY is an ideal solution for treating humid outside air. The system modulates hot gas to a reheat coil to maintain leaving air temperature while providing maximum de-humidification. The patented Rawal valve is used to enhance dehumidification and protect the compressors. ultraDRY DAT (Discharge Air Temperature) is designed to temper the air supplied from the ultraDRY to the building space at the same temperature as the space temperature. ultraDRY SPACE is designed to condition the air to provide cooling or heating to the building space so only (1) piece of equipment is needed to both treat outside air and maintain space temperatures.



Residential/Commercial Splits



3-50 ton RTU



Controller



Thermostat

**FEATURES:**

- iAIRE controller to regulate supply air or space RH/T
- 0~100% outside air applications
- Field convertible airflow
- Fully modulating hot gas reheat
- Variable frequency drive (VFD)
- Rawal capacity control device
- Scroll compressors with internal line-break overload protection
- Liquid line filter-drives
- 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

Specifications	
Power (1 & 3 phase)	230/460V
Capacity Range	3 - 150 tons
Cooling Stages	up to 4 (on/off)
Heating Stages	up to 3 (on/off) stages,