

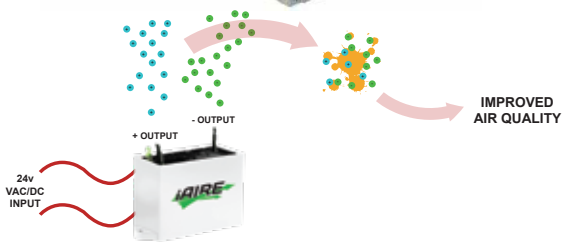
ultraGROW

controlled environment agriculture air solutions



ultraGROW is an ideal solution for cooling, heating and dehumidification in greenhouse and indoor controlled environment agriculture facilities. The system maintains air temperature while providing maximum dehumidification by modulating compressors and directing recovered heat to a reheat coil. ultraGROW is designed to deliver conditioned air by providing cooling, heating, humidity control, CO2 control and filtered and ionized air as needed by plants for optimal respiration and transpiration.

Specifications	
Power (3 phase)	230/460V
Capacity Range	6 - 150 tons
Cooling	Modulating
Heating	Modulating
Moisture Removal	up to 140 pints/day per ton



FEATURES:

- Cooling and dehumidification setpoints
- CO2 setpoints
- Variable speed fan Dx packaged and split systems
- ultraPURE ionization kills airborne mold and reduces odors
- Low leak outside air damper provides outside air exchange (when needed)
- Delivers filtered and conditioned outside air (when needed)
- MERV 13 filter
- Modulating heat recovery thru capacity control device
- Split Systems 5-20 tons
- RTU's 5-150 tons

OPTIONS:

- Heat Pump
- Mod. Gas or Mod. Electric Heat
- BACnet
- Energy Recovery Ventilator
- Ion counter hand held air purity monitoring device
- Positive pressure control system
- Smoke Sensors
- 24hr digital time clock for burp and purge schedule
- ultraPURE circulation fan ionization system: reduces particulates, mold and smell

