

Grow HVACD Solutions

Optimizing Solutions Through Superior Dehumidification Technology

WWW.DESERT-AIRE.COM

Indoor Grow (Packaged System)

GROW AIRE

- DX packaged system
- Reliable, purpose-built HVACD systems for indoor agriculture
- Industry leading efficiency
- Indoor and outdoor platforms, 5 to 60 tons
- Fully Modulating Hot Gas Reheat
- VPDsync™ enables a wide SHR for very tight control



Indoor Grow (Split System)

GROW AIRE

- DX split system with remote condenser
- Reliable, purpose-built HVACD systems for indoor agriculture
- Industry leading efficiency
- Indoor and outdoor platforms, 4 to 30 tons
- Fully Modulating Hot Gas Reheat
- VPDsync™ enables a wide SHR for very tight control



Drying Room

DRI CURE™

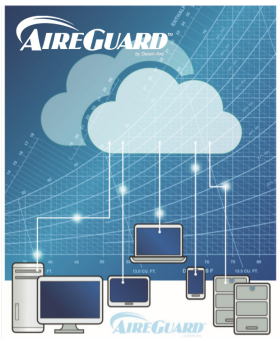
- Reliable purpose-built low temp HVACD system optimized for drying/ curing
- Only DX unit on the market designed to operate below 60°F
- Indoor and outdoor platforms, 2 to 15 tons
- Rapid coil recovery technology prevents ice buildup on the coils



Remote Monitoring

AIREGUARD™

- Industry-leading grow room remote monitoring, control and diagnostics
- Ensures tight control to parameters across all grow rooms
- Alarm notification via SMS or email
- Supports robust factory troubleshooting



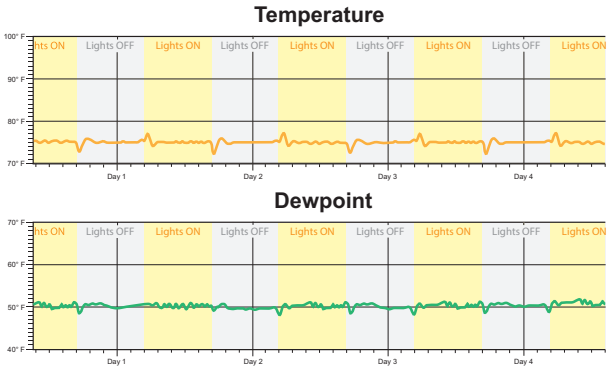
Exclusive Control Technology

Desert Aire's exclusive VPDSync™ technology

VPDsync™ by Desert Aire

Desert Aire integrated HVACD systems excel in creating ideal conditions for plant growth. With precise control over temperature, humidity, and CO_2 levels, Desert Aire empowers cultivators to maximize facility potential.

- Steady temperature
- Consistent relative humidity
- Stable control of VPD
- 45% Higher yields
- 20% Less energy usage



Application Expertise

Desert Aire System Indoor Agriculture By the Numbers

- 1,500,000 sq ft total canopy conditioned
- 150+ indoor agriculture projects
- 2,000+ units operating in the field
- 250+ average tons per project





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