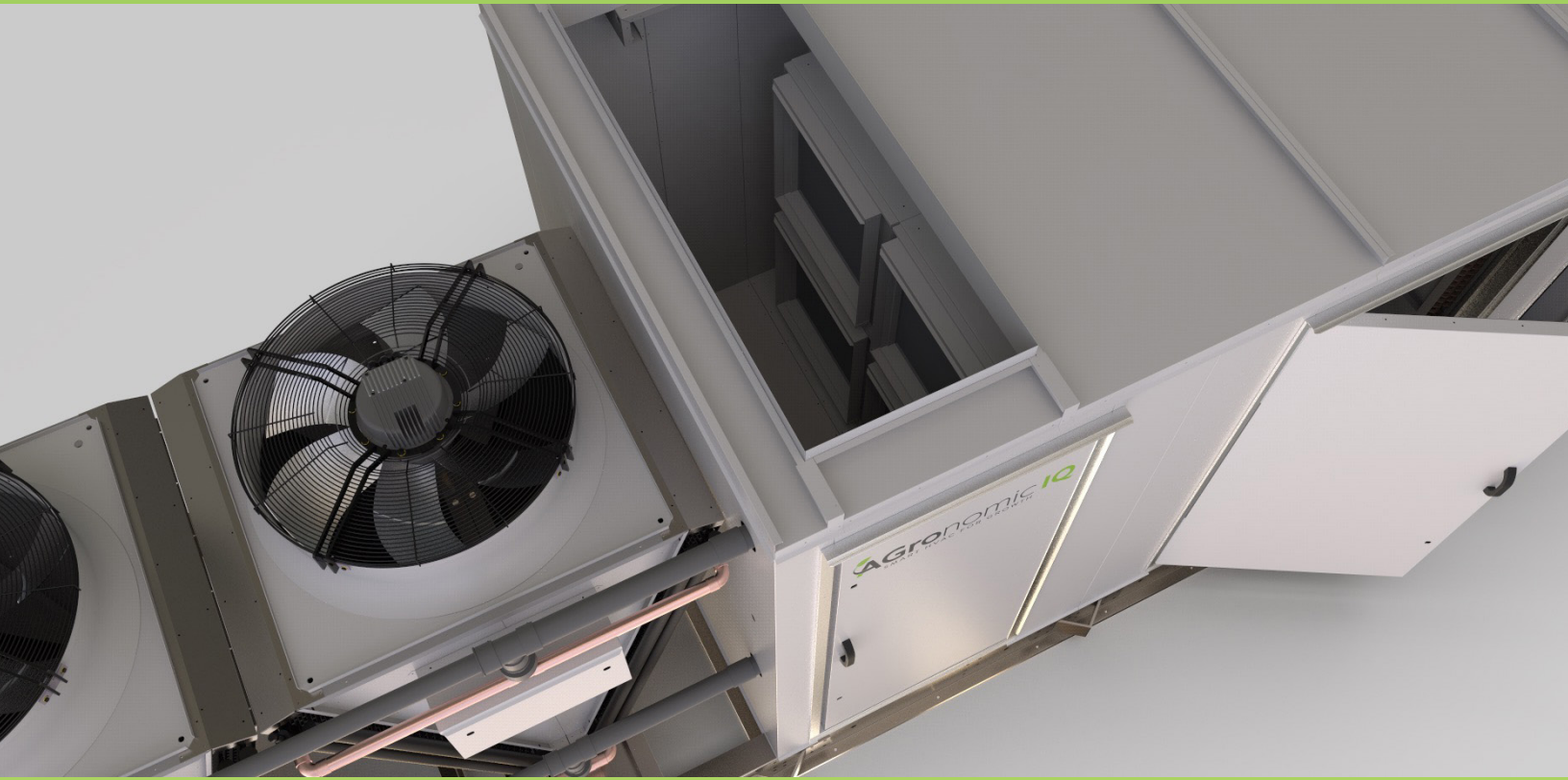


SIGNATURE GREENHOUSE

MOISTURE REMOVAL: UP TO 550 LBS/HR | AIR HANDLING : UP TO 31,500 CFM | FULL CAPACITY HOT GAS REHEAT



UNPARALLELED CLIMATE CONTROL UNDER GLASS

NEXTGEN SIGNATURE SERIES HVAC SYSTEM, PURPOSELY BUILT FOR GREENHOUSES

Designed with the rigorous demands of the greenhouse environment in mind, the Signature Greenhouse serves as a comprehensive solution, providing cooling, dehumidification, air-side economizer, free hot-gas reheating, and smart control logic.

By incorporating the fundamental AGronomic IQ principles, this product guarantees optimum control, efficiency, and reliability - enabling farmers to boost productivity and, ultimately, their bottom line.

Why settle for repurposed HVAC equipment when you can have a purpose-built HVAC system specifically designed for greenhouse climates?

ALL NEW DESIGN FOR GREENHOUSES

The Signature Greenhouse takes on one of the most significant greenhouse challenges of climate control head-on by employing our scalable, robust system designed to enhance your operational efficiency and control. Multiple units can be paired to meet any greenhouse load, controlled by AGronomic IQ's logic and smart controller.

Through the use of two interlaced coils fed by six compressors, the Signature Greenhouse provides peak levels of control by modulating both total capacity and sensible heat ratio.



LEVERAGE HOT GAS REHEAT

While reheating is often required to achieve an ideal greenhouse climate, you no longer have to rely on costly electric, natural gas, or propane heat. The Signature Greenhouse's next-generation design recycles waste energy through fully modulated hot gas reheat - for free, translating into significant energy and financial savings.

PLAYS WELL WITH OTHERS

The Signature Greenhouse can be paired with our dry cooler heat exchange system, a third-party cooling tower, an adiabatic fluid cooler, or a geothermal system. This means no matter your climate, we can help you exceed your goals.

COMPETITIVE ADVANTAGES

- 6 compressors and multiple supply air fans for maximum redundancy
- 6 compressors provide the ultimate modulation in total capacity and sensible heat ratio control
- Includes proprietary AGronomic IQ onboard controls, fine-tuned to your specific site
- Modulation between 100% return air to 100% outside air to operate as efficiently as possible
- Full hot gas reheat included as standard on all products
- Up to 40% operational energy savings compared to traditional equipment
- Refrigeration charges less than 10% of traditional equipment
- Heat rejection through a water-glycol heat exchanger that eliminates cold ambient air concerns and limited refrigeration line length limits
- Reduced install cost with the packaged equipment requiring no refrigeration work on site
- Factory-assisted startup included as standard with every unit