

# MODULATING CONTROLS



**ROBERTS GORDON®**  
THE EXCLUSIVE PRODUCER OF CORAYVAC™

800.828.7450

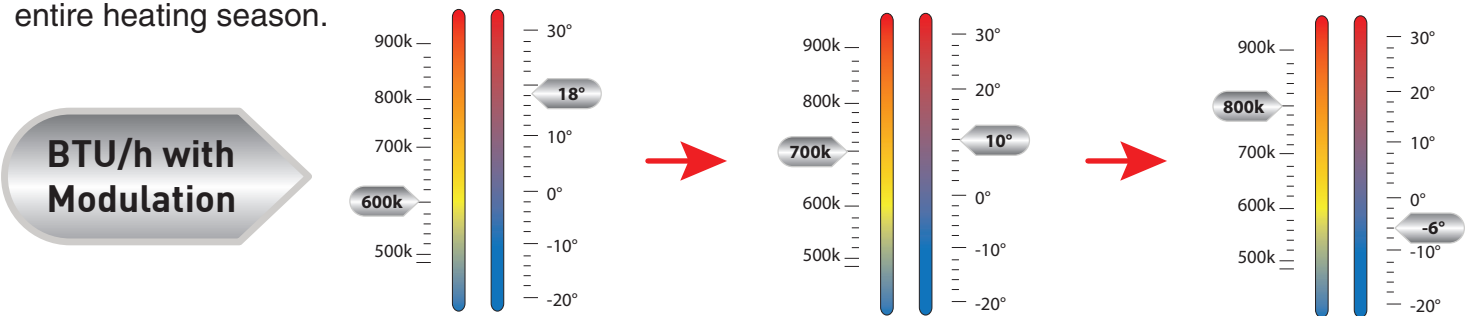
www.robertsgordon.com



# ROBERTS GORDON PRODUCES SYSTEM THAT MODULATES BASED

## What is the benefit of modulating based on outside temperature?

Our modulating control algorithm records the temperature outside and compares it with the space temperature and the setpoint. As the temperature outside decreases, the output of the infrared heating system inside will increase. The opposite occurs when the outside temperature increases. The result is an energy efficient approach that provides the precise amount of heat when and where it is needed. This unique feature allows your heating system to perform at peak efficiency throughout the entire heating season.



## What is the CORAYVAC® Modulating Heating Control?

Modulating Heating Controls by ROBERTS GORDON® enhances energy savings and provides users with complete control of their heating system. Capable of operating up to two systems and four zones, the CORAYVAC® Modulating Heating Control is designed for modulating control of a CORAYVAC® heating system. Through modulation, a CORAYVAC® system achieves the highest levels of comfort and energy savings by increasing thermal efficiency. These versatile controllers have numerous features that include:

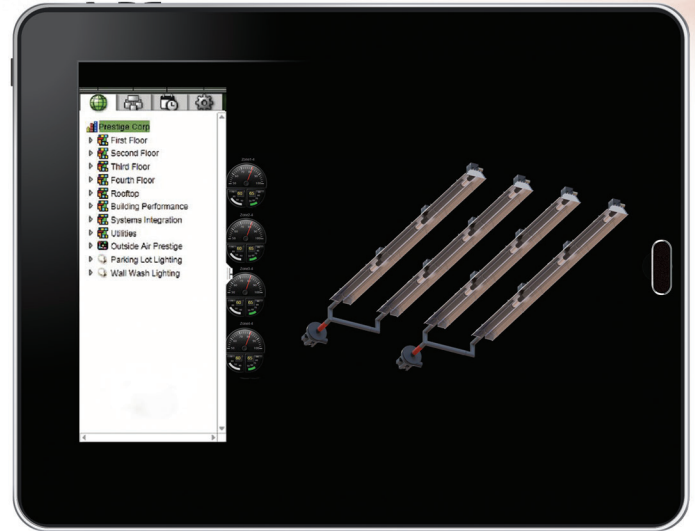
- Stand-alone operation via an easy-to-use touchscreen allowing end users or technicians a simple and convenient way to manage your heating systems
- Equipment Touch App **et**, allows you to connect an Android phone or tablet directly to a controller to view or change its property values, schedule equipment, view trends and alarms, and more.
- Compatible with most existing building management systems
- Control and/or monitor your heating system from anywhere through the Roberts-Gordon building management system (WebCTRL®), customized for your building with an intuitive user interface and powerful control features



# THE ONLY INFRARED HEATING ON THE OUTSIDE TEMPERATURE

## Building management system by ROBERTS GORDON®

Access your CORAYVAC® Modulating Heating Control anywhere with WebCTRL®. An internet based building management system software package that allows for remote or local access to your heating system. WebCTRL® is a secure and tamper-proof feature providing users with a graphical representation that shows the status of your facility. This access makes monitoring the system status and settings a breeze allowing you to view indoor and outdoor temperatures or alter system settings or programming from anywhere with an internet connection.



Through a standard web browser users can communicate with their building management heating system without special software plug-ins or a dedicated work station and mange functions and features that include:

- Adjust setpoints and other control properties
- Advanced alarm management capabilities including e-mail, text alerts, etc.
- Multi-level password protection for secure monitoring
- Live interactive graphics showing equipment and building status
- Graphically trending building conditions, program schedules, etc.
- Record custom reports on energy usage, occupant overrides, and much more





# COMPLETE™ Modulating Heating Control

Offering the same programming or building management features as the CORAYVAC® Modulating Heating Control, the COMPLETE™ Modulating Heating Control is designed for modulating control of VANTAGE® Modulating (model: CTH3) unitary heaters, on/off control of single-stage ROBERTS GORDON® unitary heaters, or on/off control of CORAYVAC® systems. Capable of giving control outputs of up to two CORAYVAC® systems and four unitary and/or CORAYVAC® system heating zones. The COMPLETE™ Modulating Heating Control also features inputs which are used for indoor and outdoor signal condition monitoring. Like the CORAYVAC® Modulating Heating Control, Modulation based on outdoor and indoor temperatures ensures precise system operation to maximize efficiency.



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