

ROBERTS GORDON® CONTROLS

Modulating and Zoning



Enhanced Controls for Increased Energy Efficiency

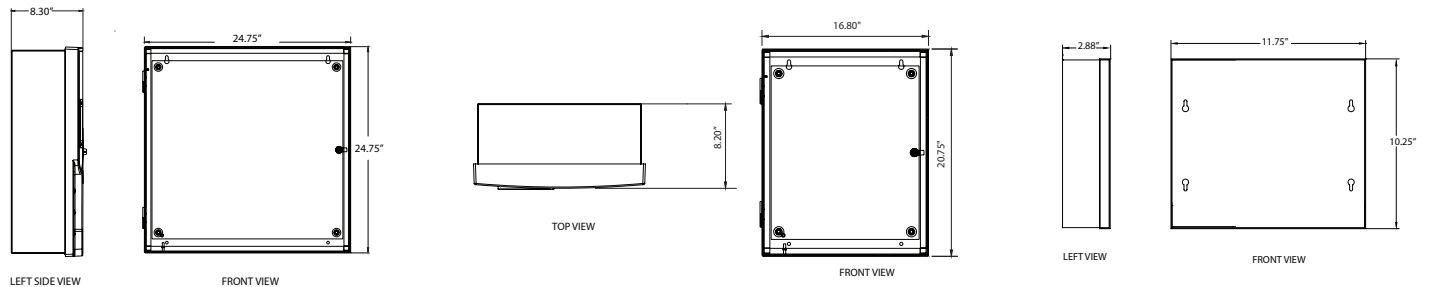
- CORAYVAC® Modulating Heating control provides additional fuel savings by measuring outdoor air temperature to match system input to the building heat-loss
- Capable of operating up to two heating systems and four heating zones
- Total heating system management through touchscreen, off-site connectivity, or pre-programmed thermostats
- Durable enclosures for increased longevity



800.828.7450
www.robertsgordon.com

THE INDUSTRY LEADER
RADIANT
EFFICIENCY™

ROBERTS GORDON® THE EXCLUSIVE PRODUCER OF CORAYVAC™



CORAYVAC™ MODULATING HEATING CONTROL
[70 lbs.] [31.7 kg.]

COMPLETE™ MODULATING HEATING CONTROL
[40 lbs.] [18.1 kg.]

CORAYVAC™ HEATING CONTROL
[7.8 lbs.] [3.5 kg.]

		MODULATING HEATING CONTROLS	CORAYVAC™ HEATING CONTROL
Electrical Rating	Input	120V AC, 60Hz, 1ph, 20A	120V AC, 60Hz, 1ph, 20A
	Output	120V AC, 60 Hz, 1 ph, 15A	120V AC, 60 Hz, 1 ph, 15A
Material		14 Gauge Steel	16 Gauge Steel
Modulating Heating Control		Modulates System firing rate continuously (not staged) between 60% and 100% of total designed firing rate.	-
Number of Controllable Zones		4 (2 pumps)	4 (2 Pumps)
Number of Zones with 7 Day Time Clock		4	-
Pump Proving		Yes	Yes
Post Purge		Yes	Yes
Building Management System (BMS) Enable/Disable		Yes	-
Warranty		Three-Year Limited (Refer to Installation, Operation and Service Manual for Details)	
Protection Rating		508A, UL Type 1	IP20
Touchscreen Programming		Yes	-
Temperature Units		°F	-
Temperature Settings		Occupied Setpoint and Setback Setpoint	-
Customized On Screen Zone Identification		Yes	-
Display of Zone Temperature		Yes (Setpoint, Setback and Actual)	-
Display of Outdoor Temperature		Yes	-
Display of Zone Status (On/Off)		Yes	-
Display of Pump Status (On/Off)		Yes	-
Display of Pump Status (Speed)		Yes (60-100%)	-
Display of Pressure Switch Status (On/Off)		Yes	-
Zone Setback Override Feature		Yes (User Customized Duration)	-
Data Monitoring Record		(Temperature, Zone Hours Run and Pump Hours Run)	-
Dial Out Pager Alarms		8 Alarms with Custom Text Messaging (Modem Required)	-
Zone Temperature Sensors		One Required per Zone	One Required per Zone
LCD Air Temperature Displays		Yes	-
Temperature Units		°F	-
Setpoint Adjustment		Yes	Yes (via thermostat)
Setback Override Button		Yes	Yes (via thermostat)
Alarm Monitoring		Yes	-
Pump Frequency Display		Yes	-
VARIABLE FREQUENCY DRIVE (INPUT ONLY) (CORAYVAC™ Modulating Heating Control ONLY)		1HP VFD, 115V, 60Hz, 1ph, 4.3A 1HP VFD, 230V, 60Hz, 1ph, 4.3A 2HP VFD, 230V, 60Hz, 1ph, 7A 1HP VFD, 460V, 60Hz, 3ph, 2.2A 2HP VFD, 460V, 60Hz, 3ph, 4.1A 1HP VFD, 230V, 60Hz, 3ph, 4.3A 2HP VFD, 230V, 60Hz, 3ph, 7A	N/A

Further Information: Applications, engineering and detailed guidance on systems design, installation and product performance is available through ROBERTS GORDON® representatives. Please contact us for any further information you may require, including the Installation, Operation and Service Manual.

This product is not for residential use.
This document is intended to assist licensed professionals in the exercise of their professional judgement.

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