



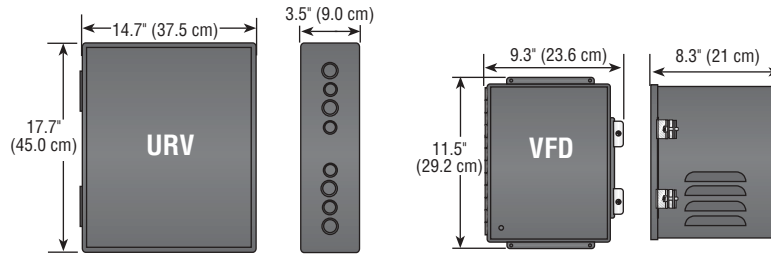
- Proper burner modulation by varying vacuum and adjusting gas and combustion air
- Fuel savings by modulating burner input rate with outdoor air temperature to match system input to building heat loss
- Localized control through multi-feature zone temperature sensor
- Total heating system management through PC-based software package
- Remote system management provided by optional modem

ROBERTS GORDON® UltraVac™

Controls for Modulating CoRayVac®
Infrared Heating Systems

**CUT ENERGY
BILLS BY UP TO
50%**
WITH ROBERTS GORDON®
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Quality in Any Language™



ROBERTS GORDON®

	ULTRAVAC™ CONTROLLER	VARIABLE FREQUENCY DRIVE
Weight, Lbs. (Kg)	17.5 (7.9)	15 (6.8)
Electrical Rating	- Input 120V AC, 60Hz, 1ph, 25A	208/240V, 60Hz, 1ph, 6.9A or 115V, 60Hz, 1ph, 16.6A
	- Output 120V AC, 60 Hz, 1 ph, 3 A (each relay)	230V, 3ph, Variable Frequency
Material	14 Gauge Steel	14 Gauge Steel
ROBERTS GORDON® ULTRAVAC™ Controller	Modulates CORAYVAC® System firing rate continuously (not staged) between 60% and 100% of total designed firing rate.	
Number of Controllable Zones	3 (1 pump)	
Number of Zones with 7 Day Time Clock	3	
Pump Proving	Yes	
Post Purge	Yes	
Building Management System (BMS) Enable/Disable	Yes	
PC Interface (Required)	Yes (Software and Hardware Included with Central Controller), PC supplied by others	
Modem	Optional with Central Controller	
Warranty	Three-Year Limited (Refer to Installation, Operation and Service Manual for Details)	
Approvals	UL 916/C22.2 No. 205-M1983	
Software		
Temperature Units	°F or °C	
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	
Display of BMS Enable Status (On/Off)	Yes	
Zone Setback Override Feature	Yes (User Customized Duration)	
Number of Occupied Periods Per Day	Up to 4 Periods/Zone	
Number of Programmable Holidays	25	
Data Monitoring Record (Temperature, Zone Hours Run and Pump Hours Run)	Custom Recording (Up to 92-Day Record, 15-minute, 30-minute or 60-minute Intervals)	
Dial Out Pager Alarms	8 Alarms with Custom Text Messaging [Modem Required]	
Zone Temperature Sensors	One Required per Zone	
LCD Air Temperature Display	Yes	
Temperature Units	°F or °C	
Setpoint Adjustment	Yes (User Customized Range of Adjustment)	
Setback Override Button	Yes (User Customized Duration)	

Installation Code: ROBERTS GORDON® products are to be installed only in accordance with local laws, codes and regulations, and only by a contractor qualified in the installation and service of gas-fired heating equipment. **This product is not for residential use.**

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

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