

UltraVac™

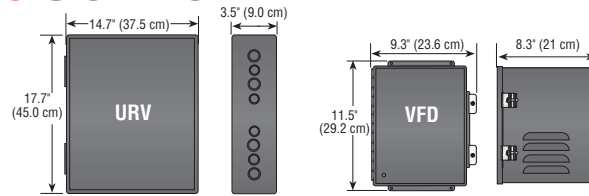
Controls for Modulating CoRayVac®
Infrared Heating Systems



- 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.

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



		ULTRAVAC™ CONTROLLER 17.5 [7.9]	ROBERTS-GORDON® VARIABLE FREQUENCY DRIVE 15 [6.8]
Weight, Lbs. (Kg.)			
Electrical Rating	Input	120V AC, 60Hz, 1ph, 25A	.75HP, 208/240V, 60Hz, 1ph, 6.9A ó 1HP, 115V, 60Hz, 1ph, 16.6A ó
	Output	120V AC, 60 Hz, 1 ph, 3 A (each relay)	2HP, 208V/240V, 60Hz, 1ph, 18.4A 230V, 3ph, Variable Frequency
Material		14 GaugeSteel	14 GaugeSteel
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 Poving		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	
LAM Interface Module		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 Displays		Yes	
Temperature Units		°F or °C	
Setpoint Adjustment		Yes (User Customized Range of Adjustment)	
Setback Override Button		Yes (User Comstomized Duration)	

Installation Code and Annual Inspections:

All installations and service of ROBERTS GORDON® products must be performed by a contractor qualified in the installation and service of products sold and supplied by Roberts-Gordon and conform to all requirements set forth in the ROBERTS GORDON® manuals and all applicable governmental authorities pertaining to the installation, service and operation of the equipment. To help facilitate optimum performance and safety, Roberts-Gordon recommends that a qualified contractor annually inspect your ROBERTS GORDON® products and perform service where necessary, using only replacement parts sold and supplied by Roberts-Gordon.

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.

Roberts-Gordon, LLC
 1250 William Street
 P.O. Box 44
 Buffalo, NY 14240-0044 USA
 Telephone: 716.852.4400
 Fax: 716.852.0854
 Toll Free: 800.828.7450
www.rg-inc.com

European Office:
 Roberts-Gordon Europe Limited
 Telephone: +44(0)121 506 7700
 Fax: +44(0)121 506 7701