



▲ IRHS-VP-203

- Custom-designed and built to provide optimum efficiency for ROBERTS GORDON® vacuum-assisted infrared heating systems
- Longer life through the use of high quality materials and components such as high temperature sealed motor bearings and high temperature silicone acoustical boot
- Proper performance provided by dynamically balanced impeller

ROBERTS GORDON®

Pumps

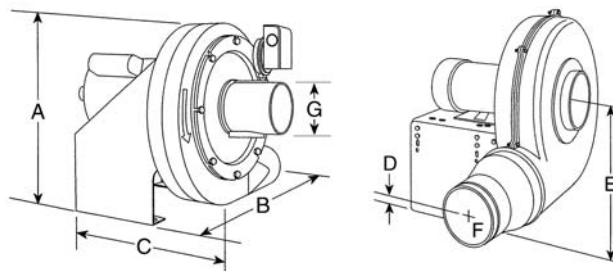
Pumps for Low-intensity Infrared Heating Systems

Quality in Any Language™



Dimensional Data (In.)

	A	B	C	D	E	F	G
IRHS-VP-203	17.75	17	18.75	3.25	10	4.5	4.5



Model		IRHS-VP-203	
Maximum Number of Flow Units* (CORAYVAC®)		110	
Maximum Number of VANTAGE® EV Burners* *		6	
80,000		6	
110,000		6	
140,000		4	
170,000		4	
200,000			
Motor Specifications			
Horse Power (Hp)		3/4	
Phase (PH)	3		
Hertz (HZ)	60		
Voltage [V]	230		
Full Load Amp [Amps]	3.0		
R.P.M.	3450		
Maximum Ambient Temperature	40°C		
Motor Frame	56		
Motor Enclosure	TEFC		
Thermal Overload Protection	None		
Duty	Inverter/Continuous		
Noise Level @ 5ft. (DBA)	70		
Drive	Direct		
Inlet/Outlet (In.)	4/4		
Type Bearings	High Temperature Sealed Ball Bearing		
Warranty	Three-Year Limited (Refer to Installation, Operation and Service Manual for Details)		

Material Specification

Frame	Stamped Steel 12Ga
Scroll and Inlet	Cast Iron
Acoustic Boot	450°F Flexible Silicone
Weight (Lbs.)	112
Impeller Material	319 Cast Aluminum
Impeller Size Dia. (In.) x Width (In.)	11 x 2-5/8 Radial
Paint	Electrostatic Epoxy Powder

* Flow units are at sea level. For further detail, see CORAYVAC® Installation, Operation and Service manual.

** For combination of burners, see VANTAGE® EV Installation, Operation and Service manual.

*** Note: For starter, see National Electric Code (NEC) Requirement for motors 1 HP and higher.

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® Pump Installation, Operation and Service Manuals.

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