



▲ IRHS-VP-100

- 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

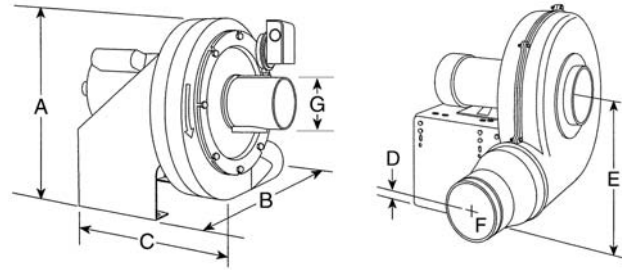
Pumps for Low-intensity Infrared Heating Systems

Quality in Any Language™



Dimensional Data (In.)

	A	B	C	D	E	F	G
IRHS-VP-100	17	14.5	21	3.75	10	4	4



Model	IRHS-VP-100
Maximum Number of Flow Units* (CORAYVAC®)	66
Maximum Number of VANTAGE® EV Burners**	
80,000	4
110,000	4
140,000	4
170,000	2
200,000	2
Motor Specifications	
Horse Power (Hp)	1/3
Phase (PH)	1
Hertz (HZ)	60
Voltage (V)	115/230
Full Load Amp (Amps)	4.8/2.4
R.P.M.	3450
Maximum Ambient Temperature	40°C
Motor Frame	56
Motor Enclosure	TENV
Thermal Overload Protection	Automatic
Duty	Continuous
Noise Level @ 5ft. (DBA)	-
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	Stamped Steel 16Ga
Acoustic Boot	450°F Flexible Silicone
Weight (Lbs.)	62
Impeller Material	319 Cast Aluminum
Impeller Size Dia. (In.) x Width (In.)	10 x 2 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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