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GVR313 / GVR312 Regenerative Blower

Designed for Gasoline Vapor Recovery

FEATURES
- Manufactured in the USA
- Maximum flow: 52 SCFM / 47 SCFM
- Maximum pressure: 45 IWG / 27 IWG
- Maximum vacuum: 3.0" Hg / 1.6" Hg (40.8 IWG / 21.8 IWG)
- Anodized cast aluminum housing, cover & impeller. Sealed by single face seal on shaft along with O-ringed flanges and cover
- Quiet operation within OSHA standards

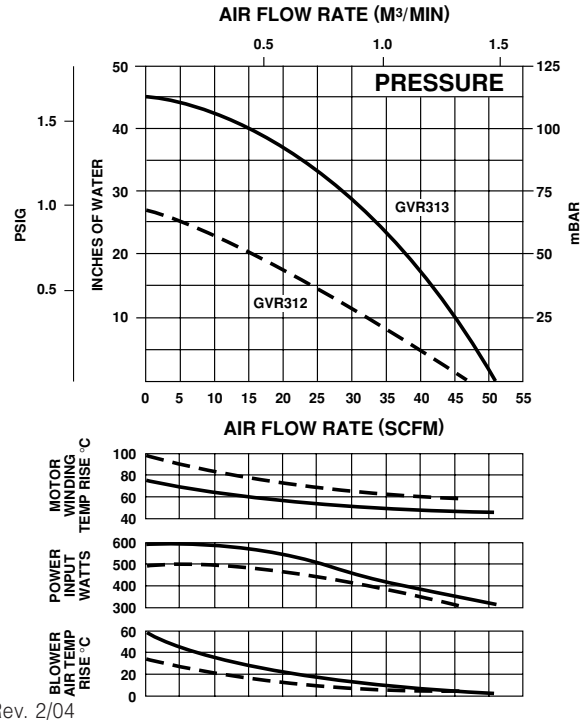
MOTOR OPTIONS
- International voltage & frequency (Hz)
- Chemical duty, high efficiency, inverter duty or industry-specific designs
- Various horsepowers for application-specific needs

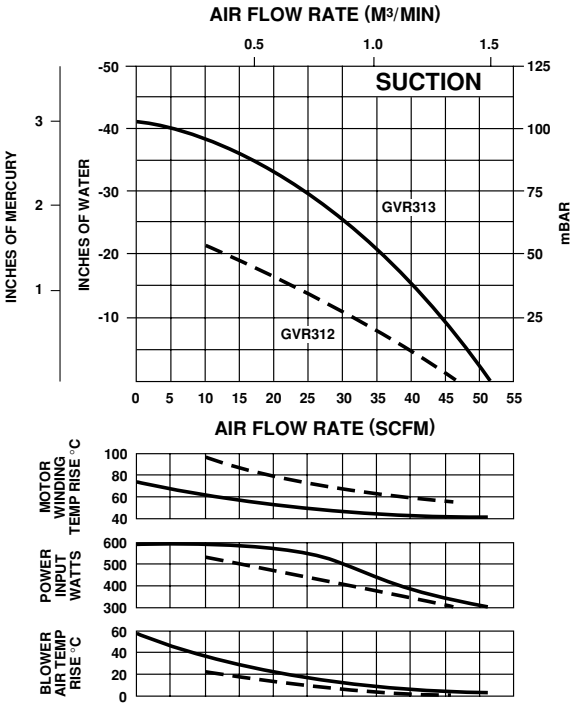
BLOWER OPTIONS
- Remote drive (motorless) models
- Slip-on or face flanges for application-specific needs

ACCESSORIES (See Catalog Accessory Section)
- Flowmeters reading in SCFM
- Filters & moisture separators
- Pressure gauges, vacuum gauges & relief valves
- Switches – air flow, pressure, vacuum or temperature
- External mufflers for additional silencing



BLOWER PERFORMANCE AT STANDARD CONDITIONS





Rev. 2/04

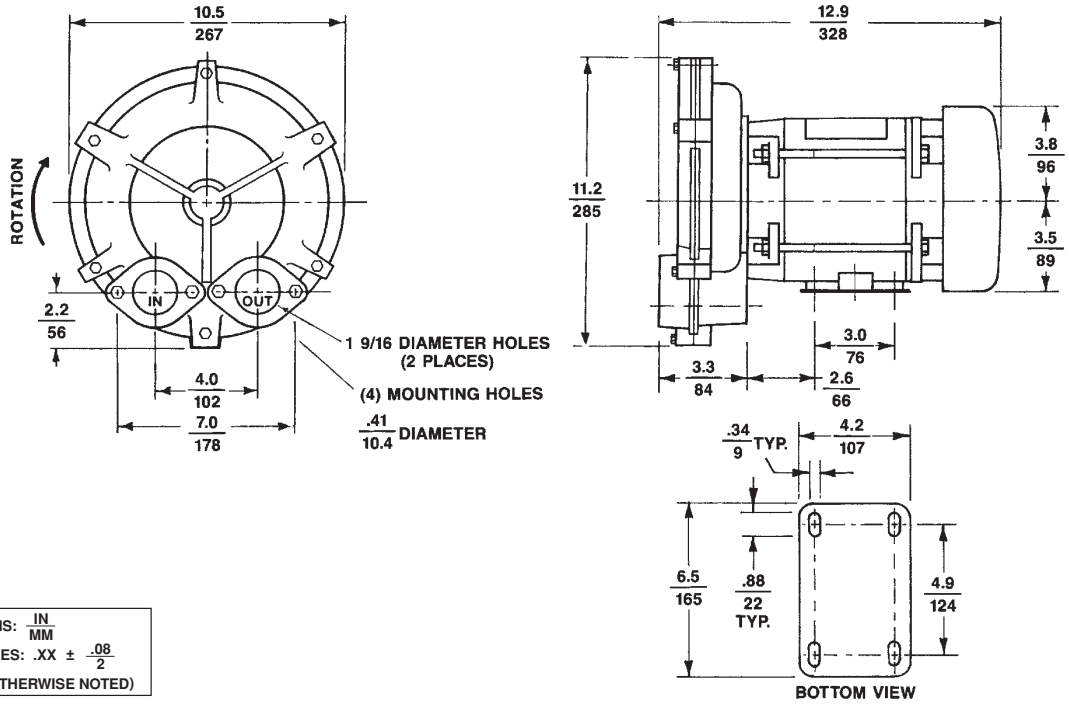
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Designed for Gasoline Vapor Recovery

GVR313 / GVR312 Regenerative Blower

Scale CAD drawing available upon request.



DIMENSIONS: IN / MM
TOLERANCES: .XX ± .08/2
(UNLESS OTHERWISE NOTED)

SPECIFICATIONS

MODEL	GVR313AK4H	GVR312AD4H
Part No.	038584	038583
Motor Enclosure – Shaft Material	Explosion-proof	Explosion-proof
Horsepower	0.5	0.33
Phase – Frequency	Single - 60 Hz	Single - 60 Hz
Voltage [1]	115	115
Motor Nameplate Amps	9.4	6.2
Maximum Blower Amps [3]	7.6	5.7
Inrush Amps	45	28
Starter Size	0	00
Service Factor	1.0	1.0
Thermal Protection [2]	Class B – Automatic	Class B – Automatic
XP Motor Class – Group	I-D	I-D
Shipping Weight	39 lb (18 kg)	35 lb (16 kg)

[1] 115 voltage, 1 phase motors are standard. 230 volt motors available. As an option, a transformer could be used.
[2] Maximum operating temperature: Motor winding temperature (winding rise plus ambient) should not exceed 140°C for Class F rated motors or 120°C for Class B rated motors. Blower outlet air temperature should not exceed 140°C (air temperature rise plus inlet temperature). Performance curve maximum pressure and suction points are based on a 40°C inlet and ambient temperature. Consult factory for inlet or ambient temperatures above 40°C.
[3] Maximum blower amps corresponds to the performance point at which the motor or blower temperature rise with a 40°C inlet and/or ambient temperature reaches the maximum operating temperature.

Specifications subject to change without notice. Please consult your Local Field Sales Engineer for specification updates.