



Vacuum/Pressure Pumps



- Continuous or Intermittent "Oil-Less" Operation — The ball bearings are self-lubricating and never need oiling. They assure constant bench-top operation or reliable intermittent duty.
- Built-in Motor-Mounted Pumps — The pumps are light and compact.
- Easy Maintenance — Continuous trouble-free and attention-free operation.

Ordering Information

Prod. No.	Description
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13157	115 volts, 60 Hz, Single Phase
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13158	230 volts, 50/60 Hz, Single Phase	CE
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Specifications

	115v	230v
Dimensions (WxHxL)	16.5 x 27.5 x 20 cm (6.5" x 11" x 8")	16.5 x 27.5 x 20 cm (6.5" x 11" x 8")
Weight	6.8 kg (15 lbs.)	6.8 kg (15 lbs.)
Free Air Flow	519 cm ³ /sec (1.1 cfm)	50 Hz: 472 cm ³ /sec (1.0 cfm) 60 Hz: 613 cm ³ /sec (1.3 cfm)
Vacuum	61 cm (24" Hg)	61 cm (24" Hg)
Pressure	4.2 kg/cm ² (60 psi)	4.2 kg/cm ² (60 psi)
Motor	1/8 hp	1/8 hp
Current	4.2 amps	50 Hz: 1.9 amps 60 Hz: 2.2 amps
Plug	US 2 Flat-blade, grounded	Provided with two power cords: European 2 Round-pin, UK 3 Flat-blade

Instructions for Use

Please refer to the enclosed Operation and Maintenance Guide for detailed information regarding installation, operation and service kit installation.

Danger: Do not pump flammable or explosive gases or operate the unit in an atmosphere containing them. Use only in a well ventilated area.

Caution: Never lubricate this dry oil-less pump.

- The motor bearings are grease packed for the life of the bearings.
- Ambient temperature should not exceed 40 °C (105 °F).
- All electrical products generate heat. Do not touch unit during operation or until it has cooled.

Cleaning

Regular inspection can prevent unnecessary damage and repairs. A dirty filter or muffler restricts air flow and can cause overheating and noise. Regularly check the filters located under the pump head cover. If necessary, clean the pump head using only water-based solvents.



Replacement Parts

Ref. No. [†]	Prod. No.	Description
	13159	Spare Parts Kit (includes: Cover Gasket, Filter/Muffler Element, 2; Filter Element; Valve Screw, 2; Valve Limiter; Leaf Valve, 2; and Valve Retainer, 2.
1	AA806	Pressure Gauge
2	AF887	Pressure Regulator/Relief Valve
3	AE136	Vacuum Gauge
4	AA550CV	Vacuum Regulator/Relief Valve
14	AG613	Nipple
22	AF584A	Rubber Foot

[†]Refer to the Operation and Maintenance Guide, page 3.

WARNING

Employment of the products in applications not specified, or failure to follow all instructions contained in this product information insert, may result in improper functioning of the product, personal injury, or damage to property or the product. See Statement of Warranty in our most recent catalog.

ATTENTION

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ADVERTENCIA

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L'impiego dei prodotti in applicazioni non specificate, o il mancato rispetto di tutte le istruzioni contenute nel presente bollettino tecnico, potrebbero portare ad un utilizzo improprio del prodotto, ferire gli operatori, o danneggiare le caratteristiche del prodotto stesso. Consultare la dichiarazione di garanzia pubblicata nel nostro più recente catalogo.

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