

## ASPIRATOR PUMP

The **G8151** Aspirator Pump is attached to a water faucet in order to produce an excellent vacuum filtration under both high and low water pressure. This is achieved through a ball-type, positive action valve located in the suction tube. This prevents backflow if the pressure is reduced. The pump is nickel-plated for greater air entrainment capacity. The water inlet is 3/8" NPT tapered and the length of the pump is 5<sup>-3/8"</sup> (137mm).



MODELS	DESCRIPTION	STANDARDS
<b>G8151</b>	ASPIRATOR PUMP	FED GG-P-821-a

## VACUUM PUMP, 2 STAGE

These two stage vacuum pump is for use with the Hogentogler pycnometers and for other applications requiring the need for a vacuum source. The pump is available in a 1/3 and 1/2 hp motor and a durable rotor that is guaranteed to generate 0.3 microns vacuum. The vacuum level is always in excess of 29.99" of mercury. The pumps have a free air displacement of 10 liters per minute.



MODELS	DESCRIPTION	MOTOR	POWER
<b>G8201</b>	VACUUM PUMP, 2-STAGE	1/3 HP	110V / 60 Hz
<b>G8202</b>			220V / 50 Hz
<b>G8205</b>		1/2 HP	110V / 60 Hz
<b>G8206</b>			220V / 50 Hz

ACCESSORIES	DESCRIPTION
<b>G8203</b>	PUMP OIL, 1 QT
<b>G8204</b>	FLUSHING OIL, 1 QT
<b>G8261</b>	GAS PURIFIER
<b>G8263</b>	REFILL MEDIA FOR <b>G8261</b> , 1 LB

## ROTARY VANE VACUUM PUMP

Hogentogler recommends this vacuum pump instead of a piston type to minimize damage from solvents for both types of vacuum extractors. This vacuum pump has 1/4 hp motor and is able to sustain a continuous vacuum of 26.5" HG MAX. VAC., 4.50 CFM open flow. This pump is also furnished with a power cord with plug and oil.



MODELS	DESCRIPTION	MOTOR	POWER
<b>G8251</b>	ROTARY VANE VACUUM PUMP	1/4 HP	115V / 60 Hz
<b>G8252</b>			240V / 50 Hz

ACCESSORIES	DESCRIPTION
<b>G8253</b>	SERVICE KIT
<b>G8254</b>	CORK FILTER
<b>G8255</b>	MUFFLER GLASS JAR
<b>G8256</b>	PUMP OIL, 1 QT
<b>G8257</b>	VANE, 4/PKG
<b>G8258</b>	PUMP OIL, 1 GAL
<b>G8259</b>	FELT FILTER



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## VACUUM PUMP, 2 STAGE



The **G8270** pump is an oilless two stage diaphragm vacuum pump that can be used with the Hogentogler vacuum pycnometers and for other applications that require a vacuum source. This pump has a rugged construction that requires very little maintenance. The pump produces a maximum vacuum of 29" of mercury and has a free air displacement of 1.15 CFM. The pump is available in both 110V/60Hz and 220V/50Hz models (please specify type needed).

MODELS	DESCRIPTION	POWER
<b>G8270</b>	VACUUM PUMP, 2 STAGE OILLESS	110V / 60 Hz
<b>G8271</b>		220V / 50 Hz

ACCESSORIES	DESCRIPTION
<b>G8270A</b>	ACCESSORY KIT

## LABORATORY HIGH VACUUM PUMP



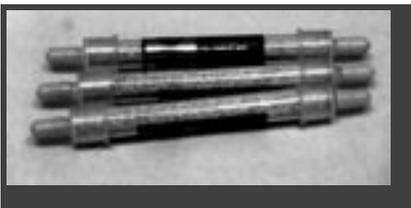
The **G8274** two stage Vacuum pump produces 1-micron of ultimate pressure while the rotary sliding vane provides 85 liter per minute (3 cfm) capacity and operates quietly. It also features a direct drive which reduces operating space needed. The gas ballast helps purge moisture from the vacuum system while the trap reduces the risk of traveling back into the system. The pump operates at 1725 RPM with a 1/2 HP 110, 60 HZ motor. Furnished complete with initial supply of High Vacuum Pump Oil.

MODELS	DESCRIPTION	MOTOR	POWER
<b>G8274</b>	LABORATORY HIGH VACUUM PUMP, 2 STAGE	1/2 HP	110V / 60 Hz

ACCESSORIES	DESCRIPTION
<b>G8274A</b>	OIL FOR HIGH VACUUM PUMP

## DRYING TUBE AND COLUMN FOR AIR AND GASES

The **G8260** drying tube will completely dry air and by connecting the tube via rubber hose from a compressed air line or gas cylinder to the inlet of the dryer provides an immediate flow of dry gas to a dew point of -100°F. The indicating granules in the drying tube are a distinct blue color. When exhausted the color turns to a rose red or pink. The zone between the two colors in the column may be a purple color and this zone should be a sharp narrow band when the flow rate is at equilibrium. The color of the granules can be regenerated by drying them in an oven. The tube holds 30 grams of indicating granules and will absorb up to 3 grams of water vapor. The unit also has a flow rate up to 300 cubic centimeters per minute. The tube is constructed from unbreakable polyethylene 3/4" O.D. x 6" long and will accept 1/4" to 3/8" I.D. tubing. The **G8261** is very similar to the **G8260** which will completely dry air at atmospheric pressure or pressures up to 90 psi. The flow rate may be 200 liters per hour or 0.1 scfm. The dimensions are 2-5/8" x 11-3/8". The **G8262** Dewatering Filter is ideal for pulling water vapor from vacuum pumps while reducing the frequency of oil changes. Meets AASHTO T-209-99.



G8260



G8261



G8262

MODELS	DESCRIPTION
<b>G8260</b>	DRYING TUBE FOR AIR & GASES
<b>G8261</b>	DRYING COLUMN FOR AIR & GASES

ACCESSORIES	DESCRIPTION
<b>G8262</b>	DEWATERING FILTER
<b>G8263</b>	REFILL MEDIA FOR G8261, 1 LB
<b>X3650</b>	INDICATING DRIERITE / DESSICANT, 5 LB