

Welch 2027 Vacuum System



Pump, Dry Vacuum; Welch; Standard-duty; For filtration, vacuum ovens, aspiration, chamber roughing; Wetted parts resist corrosion from moisture; Air displacement 32L/min; 1/5hp motor; 115V 60Hz

Rating: Not Rated Yet

Price

Sales price \$1,750.00

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Manufacturer [Welch](#)

Description

Self-Cleaning Dry Vacuum System are complete vacuum solutions for rotary evaporation. All three systems feature rugged corrosion resistant PTFE diaphragm pumps for low maintenance and long life. All models feature adjustable vacuum to optimize for a variety of solvents. Also included with all models: digital or analog vacuum read-out, inlet and outlet traps to protect the pump and exhaust line from liquids, gas ballast or no bumping/foaming key as an emergency "bump stop", and automatic self-cleaning purge at shutdown.

The self-cleaning feature and patent pending vacuum control technology contribute to Self Cleaning pumps' long diaphragm life. All models are 35 L/min at 60 Hz (29 L/min at 50Hz).

- Anti-bumping/foaming feature with controlled evaporation rate
- Rugged corrosion resistant PTFE construction
- Self-cleaning for long life
- 2 Torr (2.7 mbar) models strip DMF at 35°C bath temperature
- 9 Torr models (12 mbar) models strip most common solvents
- Programmable 2028 features walk away automation

Model 2027 digital adjustable high vacuum. Digital vacuum read-out, vacuum regulator, 2 Torr ultimate vacuum for fast stripping DMF and other solvents with boiling point

Specifications

Free Air Displacement

CFM (L/min) @ 60 Hz 1.1(32)

m³/hr (L/min) @ 50 Hz 1.6(27)

Ultimate Pressure (Torr) (mbar) 2(2.7)

Gas Ballast Yes

Pump Mechanism Diaphragm

Motor Horsepower 1-May

Maximum Vacuum,in,Hg 29.85

Recently Sold: Welch 2027 Vacuum System

Tubing Needed, I.D. in.(mm) 1/4(7)

Intake Thread 3/8"

Exhaust Thread 3/8"

Weight, lbs(kg) 30(13.6)

Dimensions L x W x H in. (cm) 13.6(42.2) x12(30.5) x 11.3(28)

Ship Weight, lbs(kg) 36(16.3)