

# Oil Free Vacuum Pump

Two-Year Warranty

## Features

### ➤ No air pollution, maintenance free

Rocker series pumps are driven by piston, without the need of lubricant, regular oil changes and maintenance; with no oil pollution.

### ➤ Prote™ overflow protection

Rocker series pumps are equipped with Prote™ overflow protection which can prevent a large amount of liquid from being sucked into the pump.

### ➤ Moisture trap with filter cartridge

Rocker series pumps are equipped with filter cartridge in air inlet to filter particle and moisture to prolong the life of pump.

### ➤ Vacuum regulator

Rocker series pumps are equipped with vacuum regulator to adjust vacuum.

### ➤ Thermal protection device

Every motor of Rocker series pumps has a built-in thermal protection device to shut off the pump automatically when overheated and then resume working when the temperature cools down.

### ➤ International safety certification

CE certification  
CSA certification  
IP 30 protection (Rocker 400/410)  
ROHS certification (Rocker 400/410)

## Applications

- Filtration for microbiology test
- Air sampling
- Suspended solid test
- Vacuum filtration

## Ordering Information

### 167400-11(22)

Rocker 400, Vacuum Pump  
AC110V, 60Hz (AC220V, 50Hz)

### 167410-11(22)

Rocker 410, Vacuum Pump  
AC110V, 60Hz (AC220V, 50Hz)



Rocker 400



Rocker 410

## Specification

Model	Rocker 400		Rocker 410	
Voltage	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Max. power (W)	100	80	100	80
Max. current (A)	1.0	0.4	1.0	0.4
Max. vacuum	- 680 mmHg		- 735 mmHg	
Max. flow rate	37 l/min	34 l/min	23 l/min	20 l/min
Moisture Trap / Vacuum Regulator	Yes		Yes	
Overflow protection	Yes		Yes	
Motor rotation	1750 RPM	1450 RPM	1750 RPM	1450 RPM
Horse power	1/6 HP		1/6 HP	
Noise level	52 dB		52 dB	
Hose barb	5/16 inch (8 mm)		5/16 inch (8 mm)	
Net weight	5.2 Kg		5.2 Kg	
Dimension (LxWxH)	31.0 x 13.5 x 20.4 cm		31.0 x 13.5 x 20.4 cm	

PS: 1 mmHg ≅ 0.1333 kPa ≅ 1.333 mbar , 1 l/min ≅ 0.035CFM