

# Air Supply System



## Features

- ▶ **No pollution, maintenance free**  
Rocker series pumps are driven by piston, without the need of lubricant, regular oil changes and maintenance; with no oil pollution.
- ▶ **Quiet and low vibration**  
Driven directly by motor with no additional belt-driven transmission; the quality of vibration-proof assembly makes Rokcer series pumps run at the lowest noise level among all other equivalent pumps.
- ▶ **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.
- ▶ **Air outlet filter device**  
Every Rocker series compressor is equipped with filter cartridge at the air outlet to filter particle, moisture and supply clean air.
- ▶ **International certification**  
CE certification  
CSA certification  
IP 30 protection  
RoHS certification
- ▶ **Two-Year Warranty**

## Applications

- ▶ Fermenter
- ▶ Bioreactor
- ▶ Gas Chromatograph

## Ordering Information

**167440-11(22)**  
Rocker 440, Air Supply System  
AC110V, 60Hz (AC220V, 50Hz)



**Rocker 440**

\*The capacity of air tank, made of SS304 stainless steel, is 2.5 liters.

## Specification

Model		Rocker 440					
Voltage / Freq.		110V/60Hz			220V/50Hz		
Max. power		147W			125W		
Max. current		1.5A			0.6A		
Pressure range		40~60 psi			40~60 psi		
Motor rotation speed		1700 RPM			1400 RPM		
Max. flow rate (without air tank)		27 L/min			25 L/min		
Max. flow rate with air tank	20 psi	0~15 sec. 40 L/min	15~30 sec. Decreasing	after 30 sec. 27 L/min	0~15 sec. 40 L/min	15~30 sec. Decreasing	after 30 sec. 25 L/min
	40 psi	0~10 sec. 52 L/min	10~25 sec. Decreasing	after 25 sec. 27 L/min	0~10 sec. 50 L/min	10~25 sec. Decreasing	after 25 sec. 25 L/min
	60 psi	0~8 sec. 65 L/min	8~22 sec. Decreasing	after 22 sec. 27 L/min	0~8 sec. 60 L/min	8~22 sec. Decreasing	after 22 sec. 25 L/min
Moisture trap		Yes			Yes		
Horse power		1/6 HP			1/6 HP		
Noise level		52 dB			52 dB		
Hose barb		ID8			ID8		
Safety		Thermal Protection			Thermal Protection		
Net weight		8.4 Kg			8.4 Kg		
Dimension (LxWxH)		29.3 x 31.1 x 25.1 cm			29.3 x 31.1 x 25.1 cm		

PS: The pressure can be changed to 60~80 psi