

Oil Free Vacuum Pump



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 certification

CE certification

CSA certification

IP 30 protection (Rocker 300)

RoHS certification (Rocker 300)

➤ Two-Year Warranty

Applications

- Vacuum filtration
- Suspended solid test
- Microbiological test
- Air sampling

Ordering Information

167300-11(22)

Rocker 300, Vacuum Pump
AC110V, 60Hz (AC220V, 50Hz)

167330-00

Rocker 300DC, DC Power Vacuum
Pump (DC12V)



Rocker 300



Rocker 300DC

Specification

Model	Rocker 300		Rocker 300DC
Voltage / Freq.	110V/60Hz	220V/50Hz	DC 12V
Max. power	65W	60W	35W
Max. current	0.7A	0.3A	3A
Max. vacuum	105 mbar / 91 kPa / 26.8 inHg		145 mbar / 87 kPa / 25.6 inHg
Max. flow rate	23 L/min	20 L/min	25 L/min
Vacuum regulator	Yes		Yes
Overflow protection/ Filter cartridge	Yes		Yes
Motor rotation speed	1750 RPM	1450 RPM	1800 RPM
Horse power	1/8 HP		1/8 HP
Noise level	50 dB		50 dB
Hose barb	5/16 inch (8 mm)		5/16 inch (8 mm)
Net weight	4.1 Kg		3.5 Kg
Dimension (LxWxH)	26.8 x 13.5 x 20.4 cm		27.2 x 12.1 x 16.5 cm

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❖ 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 certification

CE certification
CSA certification
IP 30 protection
RoHS certification

❖ Two-Year Warranty

Applications

- ❖ Suspended solid test
- ❖ Vacuum filtration
- ❖ Microbiological test
- ❖ Air sampling

Ordering Information

167400-11(22)

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

167410-11(22)

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



Specification

Model	Rocker 400		Rocker 410	
Voltage / Freq.	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Max. power	100W	80W	100W	80W
Max. current	1.0A	0.4A	1.0A	0.4A
Max. vacuum	105 mbar / 91 kPa / 26.8 inHg		30 mbar / 98 kPa / 28.9 inHg	
Max. flow rate	37 L/min	34 L/min	23 L/min	20 L/min
Vacuum regulator	Yes		Yes	
Overflow protection/ Filter cartridge	Yes		Yes	
Motor rotation speed	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 x 13.5 x 20.4 cm		31 x 13.5 x 20.4 cm	

Oil Free Vacuum Pump



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➤ 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.

➤ Moisture trap with filter cartridge

Rocker 801 pump is equipped with filter cartridge in air inlet to filter particle and moisture to prolong the life of pump.

➤ International certification

CE certification

➤ Two-Year Warranty



Rocker 800



Rocker 801

Applications

- Vacuum filtration
- Vacuum drying / oven / defoaming
- Suspended solid test
- Microbiological test
- Air sampling

Ordering Information

167800-11(22)

Rocker 800, Vacuum Pump
AC110V, 60Hz (AC220V, 50Hz)

167801-11(22)

Rocker 801, Vacuum Pump
AC110V, 60Hz (AC220V, 50Hz)

Specification

Model	Rocker 800		Rocker 801	
Voltage / Freq.	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Max. power	220W	200W	220W	200W
Max. current	2A	0.9A	2A	0.9A
Max. vacuum	120 mbar / 90 kPa / 26.4 inHg		120 mbar / 90 kPa / 26.4 inHg	
Max. flow rate	100 L/min	80 L/min	80 L/min	68 L/min
Vacuum regulator	Yes		Yes	
Filter cartridge	-		Yes	
Motor rotation speed	1750 RPM	1450 RPM	1750 RPM	1450 RPM
Horse power	1/3 HP		1/3 HP	
Noise level	68 dB		68 dB	
Hose barb	3/8 inch (10 mm)		5/16 inch (8 mm)	
Net weight	7.6 Kg		7.9 Kg	
Dimension (LxWxH)	34.5 x 17.5 x 20 cm		34.5 x 17.5 x 20 cm	

Oil Free Vacuum Pump



VIDEO

2
YEAR
WARRANTY

Features

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

❖ 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.

❖ Moisture trap with filter cartridge

Rocker 811 pump is equipped with filter cartridge in air inlet to filter particle and moisture to prolong the life of pump.

❖ International certification

CE certification

❖ Two-Year Warranty



Rocker 810



Rocker 811

Applications

- ❖ Vacuum filtration
- ❖ Vacuum drying / oven / defoaming
- ❖ Suspended solid test
- ❖ Microbiological test
- ❖ Air sampling

Ordering Information

167810-11(22)

Rocker 810, Vacuum Pump
AC110V, 60Hz (AC220V, 50Hz)

167811-11(22)

Rocker 811, Vacuum Pump
AC110V, 60Hz (AC220V, 50Hz)

Specification

Model	Rocker 810		Rocker 811	
Voltage / Freq.	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Max. power	220W	200W	220W	200W
Max. current	2A	0.9A	2A	0.9A
Max. vacuum	30 mbar / 98 kPa / 28.9 inHg		30 mbar / 98 kPa / 28.9 inHg	
Max. flow rate	60 L/min	50 L/min	48 L/min	40 L/min
Vacuum regulator	Yes		Yes	
Filter cartridge	-		Yes	
Motor rotation speed	1750 RPM	1450 RPM	1750 RPM	1450 RPM
Horse power	1/3 HP		1/3 HP	
Noise level	68 dB		68 dB	
Hose barb	3/8 inch (10 mm)		5/16 inch (8 mm)	
Net weight	7.6 Kg		7.9 Kg	
Dimension (LxWxH)	34.5 x 17.5 x 20 cm		34.5 x 17.5 x 20 cm	

Oil Free Vacuum Pump / Compressor



Features

- **Vacuum/Pressure in one machine**
Rocker 430 works as both vacuum pump and compressor. Equipped with gauges and regulators for easy monitoring and adjusting the vacuum level or delivery pressure.
- **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 430 is 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 430 is equipped with filter cartridge in air inlet and outlet to filter particle and moisture to prolong the life of pump.
- **International certification**
CE certification
IP 30 protection
RoHS certification
- **Two-Year Warranty**

Applications

- Vacuum filtration
- Microbiological test
- Suspended solid test
- Air sampling
- Pressure filtration

Ordering Information

167430-11(22)

Rocker 430, Vacuum Pump
AC110V, 60Hz (AC220V, 50Hz)



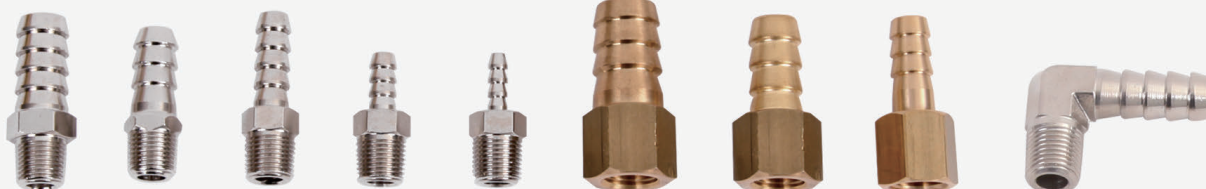
Rocker 430

Specification

Model	Rocker 430	
Voltage / Freq.	110V/60Hz	220V/50Hz
Max. power	147W	125W
Max. current	1.5A	0.6A
Max. vacuum	170 mbar / 84 kPa / 24.8 inHg	
Max. pressure	80 psi	
Max. flow rate	34 L/min	28 L/min
Vacuum/Pressure regulator	Yes	
Vacuum/Pressure gauge	Yes	
Overflow protection/Filter cartridge	Yes	
Motor rotation speed	1750 RPM	1450 RPM
Horse power	1/6 HP	
Noise level	52 dB	
Hose barb	5/16 inch (8 mm)	
Net weight	5.5 Kg	
Dimension (LxWxH)	24.7 x 23.5 x 20.4 cm	

Pump Accessories

Hose Barb



Cat. No.:	167300-20	167300-21	167300-63	167300-23	167300-24	187100-32	187100-31	187100-34	167300-25
Barb:	3/8 inch	5/16 inch	1/4 inch	3/16 inch	1/8 inch	1/2 inch	3/8 inch	1/4 inch	5/16 inch
	10 mm	8 mm	6 mm	5 mm	3 mm	12 mm	10 mm	6 mm	8 mm
Thread:	1/8 PT	1/8 PT	1/8 PT	1/8 PT	1/8 PT	1/4 SAE	1/4 SAE	1/4 SAE	1/8 PT

Moisture Trap / Vacuum Regulator



167301-06
For Rocker
300/400/
410/430

167801-06
For Rocker
801/811

Glass Vapor Trap / Vacuum Regulator



169311-06
For Chemker
300/400/410

189300-06
For Rocker 300C

Moisture Trap / Pressure Regulator



167320-06
For Rocker 320/420

167440-06
For Rocker 440

Filter Cartridge



167301-07
For Rocker
300/400/410/430
(with Prote™ overflow
protection)

167801-07
For Rocker
801/811
(without Prote™ overflow
protection)

Chemical Resistant Hose Barb



169300-21
5/16 inch
8 mm
1/4 NPS

169300-20
3/8 inch
10 mm
1/4 NPS

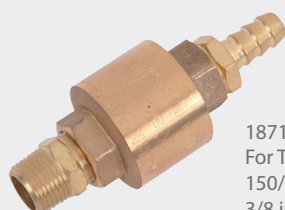
Air Outlet (Copper Muffler)



167300-42
For Rocker
300/400/410/430

167600-42
For Rocker
800/801/810/811

Check Valve



187100-33
For Tanker
150/215/230
3/8 inch
10 mm
1/4 SAE

Silicone Tube



167200-38
Ø 6 x 12 mm
Length: 1 m

180300-68
Ø 8 x 14 mm
Length: 2 m

Universal Foot Switch



167200-41
Momentary action

167200-41-1
Maintained action