

**Rocker 811**  
Oil-Free Vacuum Pump



## Important notice

This instrument is designed for laboratory usage only. Please read this manual carefully before installing or operating this equipment. The instrument shall not be modified in any way. Any modification will void the warranty and may result in potential hazard. We are not responsible for any injury or damage caused by any non-intended purposes and modifying the instrument without authorization.

1. Check the voltage specified on the name-plate and ensure it matches the line voltage in your location.
2. The pump is not corrosion-proof. Please do not operate it with corrosive gases or organic solvent directly.
3. Install the instrument in a clean, dust-less and ventilated area under 40°C.
4. If you accidentally pump water in, please stop operating and contact your distributor for service.
5. To avoid damaging the pump easily, please vent the pump before starting the pump.
6. This pump has a thermal protection device that automatically shuts-off when it becomes overheated.
7. The temperature of the surface of pump is very high after use or during work, please don't touch it to avoid being burnt.
8. Do not use any lubricant, which may damage the pump.
9. Never spray flammable or toxic materials.
10. If the supply cord is damaged, Please contact the manufacturer or your service agent for replacement to avoid hazard.
11. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
12. Children should not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
13. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

## Unpacking

When unpacking, notice if the pump is in good situation. If not, please contact the distributor or contact us by e-mail: [export@rocker.com.tw](mailto:export@rocker.com.tw) immediately for assistance.

## Assembly & Disassembly diagram



| Position | Designation             |
|----------|-------------------------|
| 1        | On/Off switch           |
| 2        | Muffler (Air outlet)    |
| 3        | Air Inlet               |
| 4        | Vacuum Gauge            |
| 5        | filter cartridge        |
| 6        | Moisture trap           |
| 7        | Drain valve (Regulator) |

## Operation

### Operating procedure

1. Press on/off ① button to activate the pump after making sure all tubing are well connected.
2. To setup vacuum by adjusting the regulator ⑦.

**\* Warning: When pump is used for water filtration, please ensure the liquid level of flask not exceed safety level. Failure to comply could result in serious damage to the pump and void the warranty. If it occurs, please contact the distributor immediately for service.**

## Maintenance

### How to replace cartridge

1. Please replace the cartridge when it is saturated with moisture or particle.
2. Please remove the moisture trap ⑥ by rotating it counterclockwise.
3. Replace the cartridge by the same way.

## Ordering Information

|           |                                     |
|-----------|-------------------------------------|
| 167811-11 | Rocker 811 Vacuum pump, AC110V/60Hz |
| 167811-22 | Rocker 811 Vacuum pump, AC220V/50Hz |
| 167811-62 | Repair kit for Rocker 811           |
| 167600-42 | Muffler (Air outlet)                |