

# Penguin PR200 Cordless Sprayer

## User's Manual



Serial Number:

Date of Purchase:

Distributor:



**MASTERCLEAN  
PRODUCTS, LLC**

THE PROFESSIONAL'S CHOICE

## LIMITED WARRANTY POLICY

Masterclean Products, LLC endeavors to provide high quality products and product support to its customers and therefore backs up all of its new products purchased from Masterclean Products, LLC or any authorized distributor with this limited warranty. This limited warranty begins on the date of the customer's purchase and is valid to the original purchaser only.

Masterclean Products, LLC products are for commercial use only and are not intended for personal, family or household uses.

HOWEVER, OTHER THAN SET FORTH HEREIN, MASTERCLEAN PRODUCTS, LLC GIVES NO WARRANTY, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, INFRINGEMENT, OR OTHER MATTER, OF ANY GOODS WHICH MASTERCLEAN PRODUCTS SHALL SUPPLY. THERE ARE NO WARRANTIES, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. MASTERCLEAN PRODUCTS, LLC SHALL IN NO WAY BE RESPONSIBLE FOR THE PROPER USE AND APPLICATION OF THE GOODS. MASTERCLEAN PRODUCTS, LLC NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR MASTERCLEAN PRODUCTS, LLC ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF MASTERCLEAN PRODUCTS, LLC'S GOODS. THIS LIMITED WARRANTY POLICY MAY BE CHANGED OR WITHDRAWN BY MASTERCLEAN PRODUCTS, LLC AT ANY TIME WITHOUT NOTICE.

**WEAR PARTS 90-DAY LIMITED WARRANTY:** Masterclean Products, LLC will replace all wear parts for 90 days from the date of original purchase. "Wear parts" are items which wear out as a result of usage or the passage of time and are consumed despite attempts to maintain them, such as gaskets, wheels, brass fittings, cords, wires, electrical terminals, hoses, switches, filters, bearings, o-rings, bulbs, castors or other parts deemed wear items in Masterclean Products, LLC's sole discretion. This warranty covers the cost of replacement only and does not cover shipping or labor costs.

**PUMP 6-MONTH LIMITED WARRANTY:** Masterclean Products, LLC warrants that pumps will be free from manufacturing defects, defects in workmanship, and defects in material for 6 months from the date of original purchase. This warranty does not apply and is void if the pump has water damage, chemical build-up, chemical damage, or evidence of abuse, neglect or tampering. This warranty covers the cost of replacement or repairs only and does not cover shipping or labor costs.

**TANK 1-YEAR LIMITED WARRANTY:** Masterclean Products, LLC will pay 100% of replacement cost in the first year from the date of purchase. Replacement does not include the cost of shipping or labor. This warranty does not cover user damage or abuse.

**LIMITATION OF DAMAGES:** THE REMEDY OF REPLACEMENT OR REPAIR OF ANY DEFECTIVE GOODS SHALL BE THE EXCLUSIVE REMEDY UNDER ANY WARRANTY MADE BY MASTERCLEAN PRODUCTS, LLC, WHETHER EXPRESS OR IMPLIED. IN NO EVENT SHALL MASTERCLEAN PRODUCTS, LLC BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, PROPERTY DAMAGES, OR PERSONAL INJURIES.

All limited warranties are void for, and Masterclean Products, LLC does not warrant in any way, any product that evidences misapplication, improper installation, abuse, lack of maintenance, negligence in use or care, abnormal use, alteration of design, use of incompatible or corrosive chemicals, use in a rental service, and/or servicing, installation of parts, or repairs by others than Masterclean Products, LLC or an authorized distributor or service center of Masterclean Products, LLC. Masterclean Products, LLC may make changes in products it manufactures and markets at any time; these changes are made without obligation to change, retrofit or upgrade any product previously sold or manufactured.

Masterclean Products, LLC has no obligation to honor the limited warranties set forth herein unless the original purchaser, promptly upon discovering the warranty claim and prior to continuing to use the product, contacts Masterclean Products, LLC or an authorized distributor or service center to describe the claim and to receive and follow instructions for documenting or resolving the claim. In addition, the purchaser must provide the product to which the claim applies to Masterclean Products, LLC or an authorized distributor or service center for a thorough inspection.

If any provision or portion of this limited warranty policy is found to be unenforceable, then the remaining provisions and portions shall remain valid and enforceable. If any provision or portion of this limited warranty policy is found to be limited by law, then that provision or portions shall be construed to make it effective within the bounds of law. For example, if there are legal limitations on the duration of warranties, the warranties made herein shall be construed to have the minimum duration required by law, or, if there are legal limitations of exclusion of remedies, the exclusions made herein shall be construed to apply to the fullest extent possible without violating the law.

The validity, construction and performance of this warranty policy shall be governed by the laws of the State of Colorado, without respect to conflicts of laws principles. The exclusive jurisdiction of any legal action arising from or related to this warranty policy shall be in the State of Colorado and no legal action shall be commenced elsewhere.

## Unpacking and Inspection

Prior to unpacking, please check the shipping carton for any obvious damages.

Report the damages to the carrier prior to signing for it.

During unpacking, check for any damages to the Penguin PR200 Cordless Sprayer and its components.

Report any Penguin PR200 Cordless Sprayer damages to Masterclean Products, LLC Customer Service Department.

Check that the carton contains:

- Penguin PR200 Cordless Sprayer Unit
- Spray Gun
- Stainless Steel Lance
- Recoil Hose
- Upholstery Tool
- Electrical Cord
- Velcro Strap
- 4 - #10-32 x 1-1/4" Stainless Steel Screw

PLEASE DO NOT REMOVE ANY OF THE LABELS ON THE BACK OF THE SPRAYER.

THE LABELS CONTAIN IMPORTANT INFORMATION INCLUDING THE SERIAL NUMBER SHOULD SERVICING OF THE UNIT BE REQUIRED IN THE FUTURE.

## Safety

Do not operate the Penguin PR200 Cordless Sprayer:

- Unless you are trained and authorized.
- If this unit is not in its proper operating condition.
- If you and the unit are in standing water.
- If you and the unit are in flammable or explosive areas.
- If the user's manual has not been read.

Before you operate the Penguin PR200 Cordless Sprayer:

- Check to see that all safety devices are in place and functioning properly.

While using the Penguin PR200 Cordless Sprayer:

- Avoid handling the electrical plug with wet hands as stray electrocution may occur.
- Keep the electrical cord away from heated surfaces.
- Report machine damage or faulty operation immediately to your distributor.
- Follow mixing and handling instructions on chemical containers.
- Do not use **flammable materials** in this tank.
- Do not use **solvent based chemicals** in this tank.

**There are no user serviceable parts in this unit.**

**Servicing of this machine should be performed by your local Distributor.**

## Handle Assembly



Insert 4 - #10-32 x 1-1/4" long Stainless Steel Machine Screws through the holes on the Handle with the Basket facing toward the rear of the unit.

Gently tighten the screws onto the Chassis.



## Battery Charging and Recharging

**First time use - it is important to charge the Penguin PR200 Cordless Sprayer prior to operating the unit.**

The internal battery charger is a “SMART” charger. It will charge/recharge the battery and will not over-charge it.

Plug in the Electrical Cord to a standard 120-VAC grounded outlet. Plug the other end of the Electrical Cord to the Charger Receptacle at the side of the unit (See Page 9-11 for the location of the receptacle).

When the Charger’s light is RED, the battery is recharging.

When the light is GREEN the battery is fully charged.

For the battery to charge/recharge rapidly, it is recommended that the power switch of the unit be in the ‘OFF’ position.

The charging/recharging time may vary depending on the battery’s available charge. This may take between 1-8 hours.

During operating of the unit and it begins to lose power, and if you need to continue using it. Reconnect the Electrical Cord to the Charger Receptacle and plug it to the electrical outlet. The battery will be charging while you are using the unit.

**Note: Please recharge the unit at the end of each day.**

## Operation

- Connect the Recoil Hose to the Spray Gun.
- Connect the other end of the Recoil Hose to the Quick-Disconnect at the top-rear of the unit.
- Connect the Stainless Steel Lance to the Spray Gun.
- Prior to operating the unit, unscrew the Fill Cap and fill the Tank.
- Turn the Power Switch to the 'ON' position.
- You will hear the pump begin to run, as the pump pressure builds up and fills the Recoil Hose, it will stop.
- When the trigger of the Spray Gun is depressed, the pump will run.
- When the trigger of the Spray Gun is not depressed, the pump will stop.
- Turn the unit OFF when not in use to save the battery's charge for the next use.

## Storage & Maintenance

Empty the unit at the end of each job, and make sure the tank is cleaned out thoroughly.

Flush the unit with clean water. If mineral deposits are a problem, use a vinegar rinse.

**It is important that the tank and pump are clear of any chemical solution for any period of time that the Penguin PR200 Cordless Sprayer is idle.**

**This is necessary, since some solutions contain *d'Limonene* or a caustic material, which tends to deteriorate the pump.**

**In other cases, some diluted solutions tend to coagulate (thicken) when sitting for a period of time and may cause an obstruction.**

If storing in freezing conditions, please make sure that the unit contains no water, including in the pump, internal lines, and re-coil hose.

## Technical Specifications

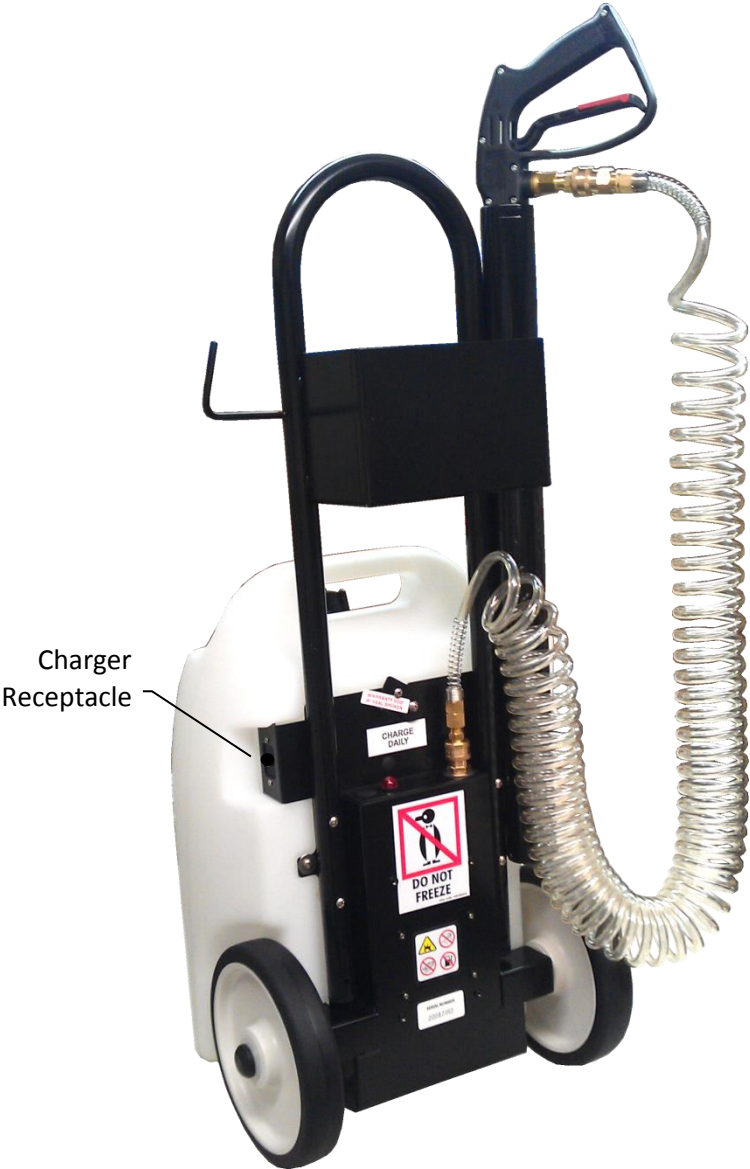
Input Voltage:	120 VAC
Battery Rating:	12 VOLT / 5Ah
Battery Type:	Sealed Lead Acid
Operating Current:	1.5 AMP
Pump RPM:	2800 – 3000 RPM
Working Pressure:	80 PSI
Tank Capacity:	5.0 Gallons
Unit Weight:	30 lbs. (without liquids in the tank)



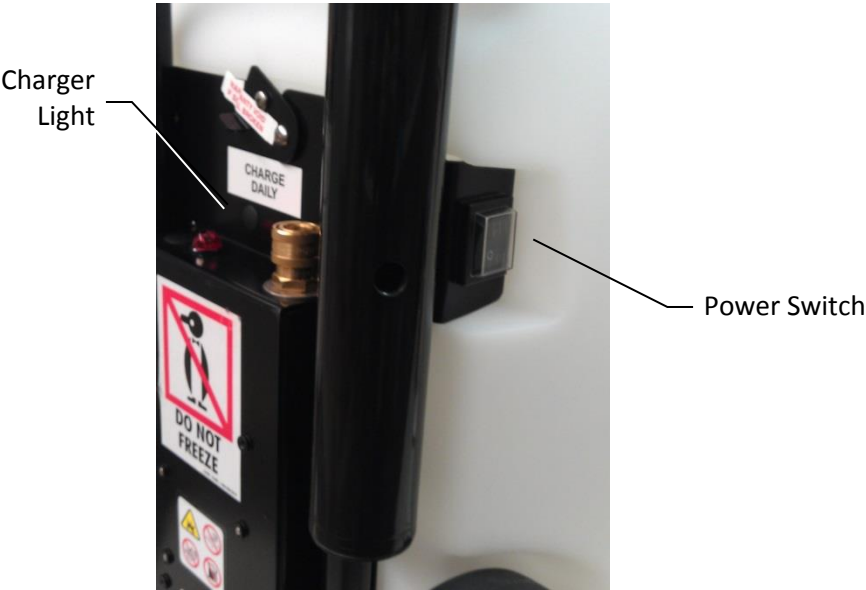
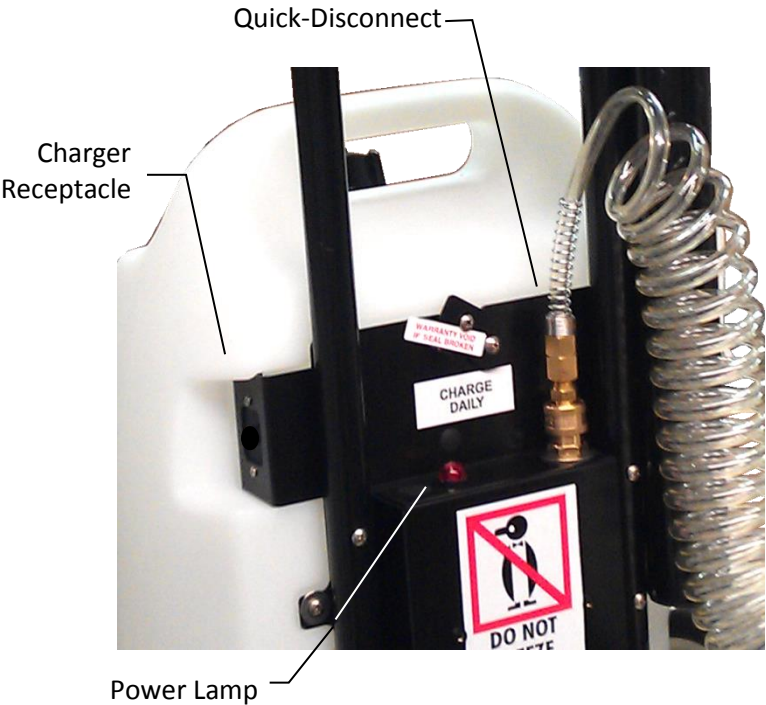
Penguin PR200



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## Tank Rinse-Ease

To change the solution that is already in the Tank with another type of solution or to rinse out the lines.

There is a built-in 33" Dip-Tube with a Stainless Steel Strainer inside the Tank.

Please read the following step-to-step instruction below:

Step 1: Turn the unit OFF.

Step 2: Unscrew the Fill Cap.

Step 3: Carefully, pull out the 33" built-in Dip-Tube from the Tank.



Step 4: Insert the 33” built-in Dip-Tube into a suitable external container with clean warm water.

Step 5: Turn the unit ON.

Step 6: Depress the Spray Gun. The internal pump will begin siphoning the water from the external container. Continue depressing the Spray Gun until all of the solution in the line is rinsed out.



Step 7: Turn the unit OFF.

Step 8: Carefully, re-insert the 33" Dip-Tube into the Tank with the Stainless Steel Strainer resting at the bottom of the Tank.

Step 9: Refill the Tank with another solution.

Step 10: Re-screw the Fill Cap. The unit is ready for the next use.

Electrical Diagram

