



## Charge Pump Instructions

The Charge Pump will dispense a measured dose of PortaClear concentrate with each press of the pump head. It was designed for use with our highly concentrated liquids to provide a convenient and simple way to service portable toilets using PortaClear, and restroom trailers using TrailerClear. Our goals when designing the Charge Pump were portion control, convenience, and to eliminate the mess associated with liquids. The pump was designed with specialty valves and seals that prevent liquid from leaking and prevent the nozzle from dripping. The charge pump can be shaken, turned upside down, and you can even squeeze the container without liquid leaking.

### **Portion Control:**

One press of the pump head dispenses one “charge”. One charge is all that’s required to give a deep blue color and superior odor control in a portable toilet. In restroom trailers, use one charge per 100 gallons waste tank capacity. Example, use 5 charges in a trailer with a 500-gallon waste tank. The best way to add TrailerClear to a restroom trailer is to dispense it into one or multiple toilets then flush. If you need a stronger charge in hot/high usage conditions, you can remove the limiting collar by unscrewing it and separating the two halves. With the limiting collar removed the charge pump will dispense 1.5 times more liquid. It is important to note, the pump head must be depressed fully until it reaches the end of its travel, then allow the pump head to fully return before dispensing again. One full pump stroke gives one measured charge.

### **With limiting collar installed: Normal Charge**

- Dispenses about 1/3 of an ounce (4oz equivalent)
- Services 350 portable toilets
- Services 70 restroom trailers with a 500-gallon waste tank

### **With limiting collar removed: Extra Strength Charge**

- Dispenses about ½ of an ounce (6oz equivalent)
- Services 230 portable toilets
- Services 46 restroom trailers with a 500-gallon waste tank



The Charge Pump should last a very long time if basic maintenance is performed. Like with any piece of equipment, it should be kept clean and checked for issues.

- Clean the output valve periodically to prevent buildup of dirt and other contaminants.
- Check the limiting collar (if used) to be sure it's screwed on fully.
- When refilling be sure the foam seal is properly seated inside the threaded opening.
- Inspect the intake tube to verify that it's properly seated inside the pump inlet.
- Look for and remove any debris that may be on the end of the intake tube or inside the jug.
- Avoid cross threading the pump head when screwing it onto the jug.
- Firmly tighten the threads to ensure proper seal and avoid overtightening.

Contact your salesperson or PortaClear corporate office with any questions or concerns.

PortaClear inc. is a subsidiary of NRP Group inc.

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