THE RENUSURFACE PROPORTIONER
SITE SURVEY AND INSTALLATION INSTRUCTIONS

ReNu|Surface®
Powered by NuVinAir®

Site Survey

The ReNuSurface Proportioner is a wall-mounted unit that converts our ReNuSurface concentrated, multi-purpose cleaning chemical from a 4:1 ratio into a ready-to-use product. There are a few items needed to operate the ReNuSurface Proportioner, most of which are included in the Proportioner kit. **Note: the metering tip is installed at the manufacturer and is not part of the installation. Please do not remove the metering tip, as it will change the ratio of the product.**

Water source: The water source should be in an easy-to-access area that your associates will be able to gain access to throughout their shift/ day. The Proportioner hooks directly up to a garden hose, so that type of nozzle will be required to operate the Proportioner. If no garden hose valve is available at the location, please contact your Facilities Team to have a water line installed if needed or consider using our 1-gallon option that can be added to a 5-gallon carboy and diluted.

Proportioner (Included): The Proportioner must be mounted within six feet of the water source. Ideally, mount near or over the mop sink. The Proportioner requires two holes to be drilled into the wall you are mounting it to, so you may need to help your Facilities Team, or if you feel you can do it yourself, all the hardware is inside the kit.

Hose (Included): A high-pressure hose is necessary to maintain continuous pressure in the ReNuSurface Proportioner. A regular hose will burst due to the continuous pressure. We include a six-foot high-pressure hose with the Proportioner. If you need a longer one, it will need to be purchased.

Y-Valve (Included): A Y-valve is a means of controlling the flow of liquid from one source to two different outlets or from two sources to one outlet. The Y-valve will allow you to use the water outlet without disconnecting the Proportioner. ***Note: Pressure plays an essential part in the Proportioner and is needed to obtain the correct mixture. Do not use the second outlet simultaneously as the Proportioner, or you could improperly mix the product.**

Bucket fill and bottle fill hoses (Included): There are two types of output hoses included with the Proportioner. The first hose is the longer hose used to fill a carboy or other containers that you use to distribute the diluted product. The other hose is smaller and angled on one side; this is the bottle fill hose used to fill 32oz bottles. Install the one you plan to use or switch back and forth as needed.

How to Install the ReNuSurface Proportioner

Step 1: Determine a Location for the Proportioner

- Mount near or over the mop sink.
- Mount so that discharge hoses will be above the water line.
- Locate the best access to water hookup (within 6 feet of a water source).

Step 2: Remove the Cover of the Proportioner (Fig. A)

- Press the plastic tabs on the side of the unit.
- Swing the bottom away from the mounting bracket.

Step 3: Determine if the Dispenser's Water Supply Connection Should be on the Right or Left (Fig. B)

- The entire valve and proportioner assembly can be removed from the mounting bracket.
- The water supply connection can be moved to either side by removing the orange plastic retainer clips, the plug, and the water connection fitting.
- Replace the retainer clips.

Step 4: Mount the Proportioner and Replace the Cover (Fig. C)

- Locate the two key-shaped mounting holes in the back plate.
- Using the integrated bubble level, mount the Proportioner with the screws and anchors included in the installation kit.
- Replace the cover by positioning the top of the cover near the top of the dispenser back plate.
- Push the cover back over the valve assembly until the tab latches on the side of the unit.

Step 5: Connect the Water Line to the Inlet of the Proportioner

- **Note:** The water pressure must be between 20psi and 95psi.
- Optimum chemical induction occurs between 30psi – 60psi. (Normal garden hose pressure will be sufficient)

Fig. A	Fig. B	Fig. C
Press in tab as shown and swing bottom of cover up away from the Back Plate.	Valve Retainers – Unscrew three (3) Mounting Screws to remove Valve & Proportioner. Plug. Retainer Clips (Orange). Water Connection Fitting.	Bubble Level. Key Shaped Mounting Holes. Outlet Fitting – Slide the Outlet Tubing Over The Outlet Fitting. Proportioner Elbow – Metering Tip Installs At This Fitting By Threading The Metering Tip Into The End Of Fitting.