

SPRATRONICS PREWET O-NOZZLE

Accurately Prewet Salts for Maximum Performance

Improved Technology

Prewetting can improve the performance of de-icing salts by as much as 400% when sprayed at the correct rate.

Now it is possible to accurately control prewet rates to precisely match salt spreading rates.

The **PreWet O-NOZZLE** uses patented technology to spray from .1 to 13 gpm as needed.

Finally, prewetting really works as it should.

Major Advantages

- ◆ Only one **O-NOZZLE** is required.
- ◆ Uniform spray rates mean salt is fully wetted per specifications at all spraying speeds from 1 – 60 mph.
- ◆ More miles covered per fill up.
- ◆ Less downtime returning to reload station for refills.



*shown
actual
size*

Variable Orifice Features

- ◆ The variable orifice opens and closes as flow to the **O-NOZZLE** varies.
- ◆ Nozzle flow is proportional to ground speed and operator selected flow rates.
- ◆ The anti-drip design immediately shuts off when flow stops.

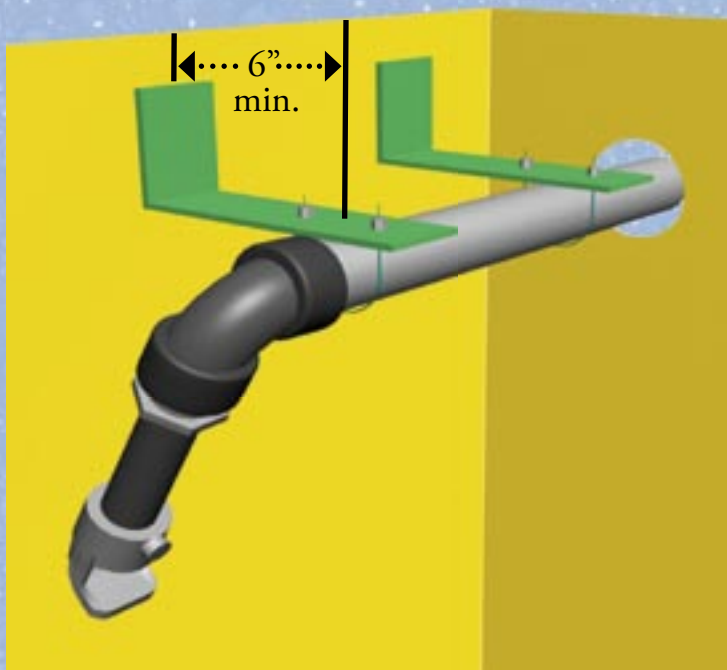
Prewetting Illustrated

This drawing depicts a typical installation, spraying onto salt as it falls onto spinner. The **PreWet O-NOZZLE** may also be mounted to spray directly onto conveyors or spinner. The 100° fan shaped spray pattern may be turned to match widths required.

Only one **PreWet O-NOZZLE** is required to fully wet material. It is easy to install- no check valves are required- and represents your least costly solution to build and operate.

Outstanding Results

Unlike fixed orifice nozzles that dribble at low pressure and choke at higher pressures, the *PreWet O-NOZZLE* responds uniformly across the full range of pump pressures and flow rates. This guarantees results- when more spraying volume is called for, the *O-NOZZLE* responds instantly. Whenever spraying is stopped, the *O-NOZZLE* spring system seals the orifice tightly with no drips, no waste.



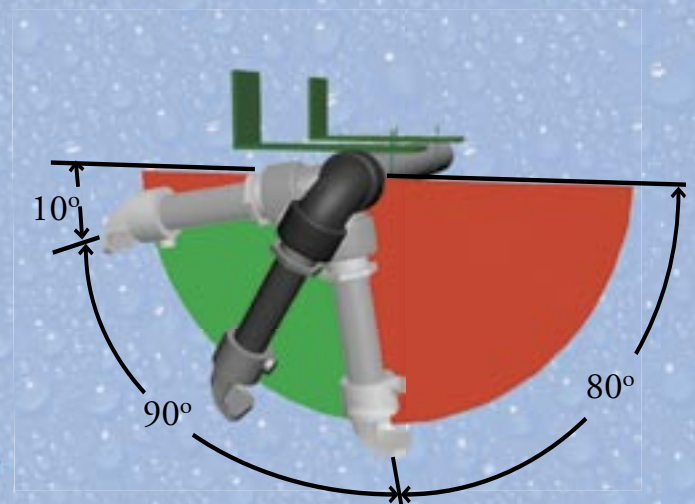
Easy Installation

- ◆ The *PreWet O-NOZZLE* is easy to install using simple brackets and U-bolts or alternative methods of your choice.
- ◆ **IMPORTANT-** Be certain that plumbing to the *O-NOZZLE* is a minimum 3/4". Add reducer bushing (3/4" - 1/2") immediately before *O-NOZZLE*.
- ◆ **IMPORTANT-** Always use Teflon tape to assemble all plastic plumbing parts.
- ◆ **IMPORTANT-** Never grasp the deflector tip end of the *O-NOZZLE* to tighten it. This is where factory calibration is set and must not be disturbed. Only grasp body in vicinity of Spratronics logo to turn or tighten. Finger tighten only.

Aiming In The Critical Quadrant

To assure *PreWet O-NOZZLE* works correctly, install and position *O-NOZZLE* within the 90° arc shown in green in this drawing. Do not position it in the red areas.

Aim *O-NOZZLE* to properly cover salt flow by grasping body near Spratronics logo, then rotate and twist as needed.



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Model # VO-250D Deflector