



## Dilution Control Unit FAQ

**Q: How does the Dilution Control Unit work?**

**A:** The Dilution Control Unit operates on water pressure and no additional power source is required. The unit's draw tube is inserted into the container of chemical. The water flow through the unit causes the chemical to be pulled up the draw tube by the venturi effect and mixed with the water to create a water/chemical mix ratio which is determined by the chemical metering tip. The unit comes with 13 pre-set metering tips and one customizable metering tip. Mixing ratios range from 0.32 oz./gal. to 28 oz./gal. The correct metering tip for your application depends on the diameter of the hole in the metering tip and the viscosity or thickness of your chemical. Thicker chemicals will be dispensed more slowly and the ratio of chemical to water will be more dilute. You may need to experiment to find the optimum tip for your application.

**Q. How does the water source connect to the unit?**

**A:** The unit uses a standard garden hose thread connection, so it's easy to hook up and use anywhere in your plant. Permanent plumbing is not required.

**Q. What is the minimum water pressure needed to operate the unit?**

**A:** 25 PSI (pounds per square inch).

**Q: Will the unit work with any size container of chemical?**

**A:** Yes. The unit screws into any drum with a 2" NPS bung opening, or it can be mounted to the wall for dispensing the chemical from any size container.

**Q. Is it hard to change the metering tips?**

**A.** No. Simply remove the hose and unthread the current metering tip.

**Q: How do you tell the difference in the metering tips?**

**A:** Each tip is a different color. A clear tip that can be drilled to your specific diameter is also included. The unit comes with a chart showing the color and the corresponding drill diameter. An additional document states the color and the corresponding dilution ratio.

**Q: What are the ratios of the metering tips in oz./gal.?**

**A:** Tip color and amount of degreaser (in oz.) to one gallon of water

Using no tip, you will get 28.4 oz./gal.

Gray = 25.6 oz./gal.

Black = 21.3 oz./gal.

Beige (Very Light Brown) = 14.2 oz./gal.

Red = 6.4 oz./gal.

White = 5.3 oz./gal.

Blue = 4.9 oz./gal.

Tan (Medium Brown) = 4.1 oz./gal.

Green = 2.6 oz./gal.

Orange = 1.8 oz./gal.

Brown (Dark) = 1.4 oz./gal.

Yellow = 1.3 oz./gal.

Purple = 0.64 oz./gal.

Pink = 0.32 oz./gal.



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