Flow Regulators are usually mounted behind cultivator shanks for the subsurface application of liquid fertilizers and soil fumigants. They are also used for above-ground streaming applications.

**How to order:**
Specify orifice plate number.
Example: CP4916-008

**Note:** Always insert Orifice Plate with side marked with number facing the outlet.
MATERIAL: Stainless Steel

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**Typical Assembly**

![Typical Assembly Diagram](image)

To determine the orifice plates you need, use the following equations:

\[
\text{GPM (Per Nozzle)} = \frac{\text{GPA} \times \text{MPH} \times W}{5940}
\]

\[
\text{GPA} = \frac{5940 \times \text{GPM (Per Nozzle)}}{\text{MPH} \times W}
\]

Tabulated flow rates are for spraying water into air at atmospheric pressure. If your application creates backpressure, or if spraying into a liquid, measure and calibrate to ensure proper application rates. For spraying solutions other than water, see page 125 for conversion factors.

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**Flow Regulators**

**CP1322**
1/4T Body

**5053**
Strainer

**CP4916**
Orifice Plate

**CP4928**
Adapter 1/4” NPT (F) Outlet

**CP1325**
Cap

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**Note:** Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 124–140 for useful formulas and other information.