

ENCAPSULATOR

Sink Dosing System

Simple, reliable method of dispensing!

The Encapsulator is a simple, reliable method of dispensing dry and solid products into sinks. Unreliable timers and hand pumps are replaced with a simple 1/4 turn valve that fills the sink and doses chemical concurrently. Solution strength is set with an internal adjustment.

THEORY OF OPERATION

Encapsulator is a chemical delivery system that utilizes constant water pressure for dissolving encapsulated products.

When the fill valve is turned on, water is sprayed up into the capsule for product washout. Gravity discharges the concentrated solution down the primary delivery tube. Bypass water in the secondary delivery tube dilutes the concentrate in the mixing zone. The final solution flows into the sink or bus tub ready for use. Product concentrations can easily be adjusted by increasing or decreasing the amount of bypass water.

For solid product applications with chemical bottles that have screens on the end, we recommend using an Encapsulator Plus with the 84° nozzle. To handle different product formulations, nozzles are available with different spray patterns and flow rates.



Pays for Itself

SAVES YOU MONEY

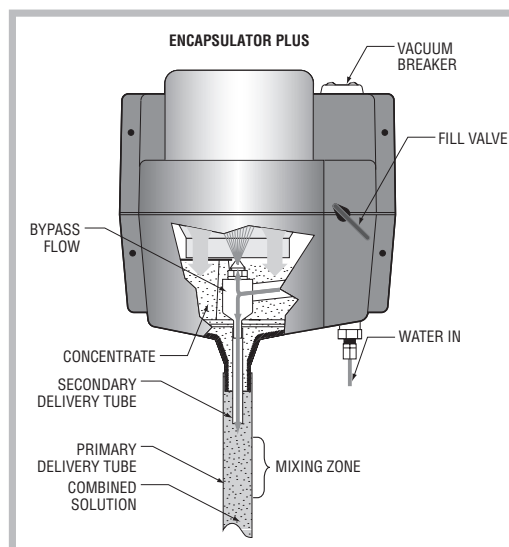
- Requires less maintenance than eductors or battery-powered systems
- Fast installation with integral vacuum breaker

CUSTOMER FRIENDLY

- Extraordinarily easy to use. Simply turn a knob to fill sink with water and an exact concentration of chemical!
- No chemical containers on the floor or under the sink

EXCELLENT SAFETY FEATURES

- No-spill product containers are safer to handle and easier to store than liquid buckets
- Safety shield covers nozzle as soon as product is removed



SPECIFICATIONS

SIZE

Height: 18.5 in / 46.89 cm
Width: 10.5 in / 26.67 cm
Depth: 8.0 in / 20.32 cm
Weight: 4.7 lbs / 2.13 kg

MATERIAL

Molded high impact plastic

MOUNTING

Directly to the wall through four screw holes
Water connection, 3/8" copper line

OPERATING CONDITIONS

INCOMING WATER

100° to 130° Fahrenheit (38° to 54° Celsius)

WATER SUPPLY

Minimum pressure 20 psi (1.4 bar)
Maximum pressure 80 psi (5.5 bar)
Maximum flow rate 4.5 gpm (17.0 liters per min)

SPRAY NOZZLE OPTIONS

Flow at 50 psi, 3.4 bar
50° cone, gray 0.70 GPM (2.6 L per min)
84° cone, clear 0.87 GPM (3.3 L per min)
Slow feed, black 1.04 GPM (3.9 L per min)

WATER VALVE

Manual, ON/OFF, 1/4 turn

VACUUM BREAKER

Code compliant type
Standard - brass
Optional - plastic

SAFETY SHIELD

Stainless steel
Covers nozzle when product bottle is removed

INSTALLATION KIT (INCLUDED)

Installation kit includes 5 feet of clear 0.75" I.D. PVC tubing and mounting hardware.

HOW TO ORDER

Code #	Description
094417	Encapsulator w/plastic vacuum breaker, internal valve - solid product, screenless bottle only, 50°, 0.60 GPM nozzle
094104	Encapsulator w/metal vacuum breaker, internal valve - solid product, screenless bottle only, 50°, 0.60 GPM nozzle
094415	Encapsulator w/metal vacuum breaker, internal valve - powder or solid product, slow-feed, 0.87 GPM nozzle
094416	Encapsulator w/plastic vacuum breaker, internal valve - powder or solid product, slow-feed, 0.87 GPM nozzle