

# ENCAPSULATOR Sink Dosing System



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.

## KEY BENEFITS

### 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

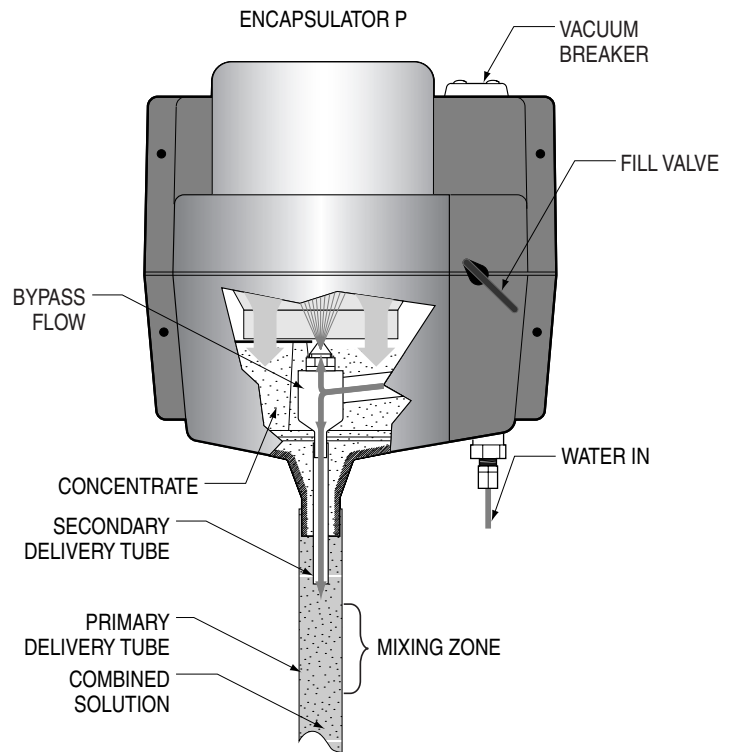
- No-spill product containers are easier to handle and store than liquid buckets
- Safety shield covers nozzle as soon as product is removed

## 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 and Encapsulator P with the 84° nozzle. To handle different product formulations, nozzles are available with different spray patterns and flow rates.



## SPECIFICATIONS

### SIZE

18.5H x 10.5W x 8.00D (inches)  
 (47.0H x 26.7W x 20.3D centimeters)

### 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 liters per min)  
 84° cone, clear 0.87 gpm (3.3 liters per min)  
 Slow feed, black 1.04 gpm (3.9 liters 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)

Mounting hardware and discharge tube

### HOW TO ORDER

Model	Description	Item#
Encapsulator P	Brass Vacuum Breaker	094415
Encapsulator P	Plastic Vacuum Breaker	094416

*Design and specifications subject to change without notice.*



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