

Solv-Ultima™ 75 Non-Electric Mix & Feed System for Solid Concentrates

Safe, Consistent Dissolution of Solid Concentrated Treatment Chemicals.....Without Power



Solv-Ultima™ 75: No Power Required

Drumless water treatment without electricity. This unit uses a *float-weight* and a *mechanical solenoid valve* system to automatically reconstitute solid chemical concentrates on-site.

Operation

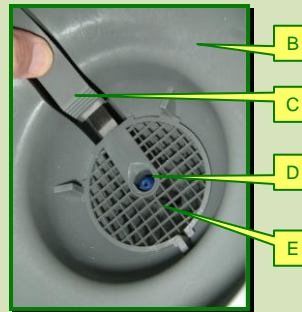
When the level of mixed chemical in the reservoir drops, (due to chemical pump draw), the float-weight activates the solenoid valve allowing water to spray up into the bottle of chemical. Water sprays up & erodes, dissolves, & mixes solid chemical concentrate, which gravity-drains into the self-contained reservoir/housing, until the float reaches the shut-off height & closes the solenoid. This fill, empty, & refill cycle will continue automatically, based on system demand.



A

Solid Concentrate

- A. Solid form treatment
- Reconstitute on site
 - 1-gallon plastic bottles
 - Complete product line
 - Disposal- throw in trash
 - No drums to handle
 - No chemical exposure

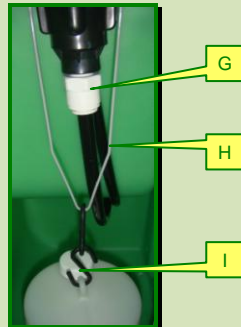


Mixing Bowl

- B. Molded mixing bowl
 C. Spray safety deactivation tab
 D. Spray nozzle (exposed)
 E. Product retention screen

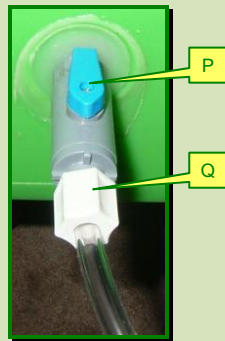
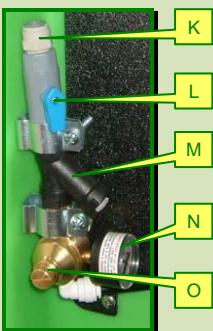


F



Operational Components

- F. Float weight
 G. Water supply to solenoids
 H. Float-weight harness
 I. S-hook connectors
 J. Mechanical solenoid



Liquid-End Connections & Fittings

- K. Make-up line/water supply to board
 L. Isolation valve for water supply
 M. In-line Y-strainer/filter
 N. Pressure gauge
 O. Pressure regulator (adjustable)
 P. Isolation valve (chemical supply)
 Q. Suction tube & fitting (to pump)



System Specifications

Net Weight	20 #	Flow Rate	1.0 gpm
Ship Weight	22 #	Spray nozzle	90°
Dimensions	14" W x 24" H x 10" D	Mounting	4 anchor bolts
Water Line Requirement	3/8" Make-Up	Assembly & Install Time	10-12 minutes (approx.)
Water Pressure	40 psi	Electrical Requirements	None

Richard Hourigan, Inc.
 Bear, DE

1-815-751-8131
www.TheWaterTreatmentStore.com