Z.D.S.
Zep Dispensing System

EQUIPMENT & SERVICE DIVISION
Quart Fill

Four Product F07701
One Product F06801

Bulk Fill

One Product F06901
Four Product 800501
The Z.D.S. automatically mixes water with a concentrated product dispensing properly diluted RTU (Ready To Use) products every time.

Delivers exact dilutions in a wide range of water pressures and product viscosities.

Each unit comes equipped with a “FLEX GAP” backflow preventer – will not allow chemicals to be forced back into water pipes.

Dilution accuracy maintained by use of “metering tips” – each unit comes with full set of metering tips included in packaging.

All necessary tubing is included with each unit.
Can dilute a water thin concentrate from 3:1 to 512:1 (42.6 ounces per gallon to .5 ounce per gallon) depending on the metering tip and model - viscosity of concentrated product will affect dilution.

Contact Tech Services for specific dilutions and metering tip recommendations for any products that are NOT WATER THIN.

Up to 16 different dilutions possible for each product (Metering Tips).

Can be mounted individually or linked together - no tools needed for linking units together.
Removable Plug for linking with other units

Cover Lock Screws

Anti-Foam Dispensing Tube

Sticker Icon depicting product type

Fountain Lever for dispensing

Water Intake

1 Product Quart Fill
Removable Plug for linking with other units

Cover Lock Screws

Dispensing Hose

Water Intake

Dispensing Button

Sticker Icon depicting product type
Removable Plug for linking with other units

Dispensing Button

Water Intake

Sticker Icons depicting product types

Cover Lock Screws

Dispensing Hose

Sticker Icons depicting product types

Product Selector Knob
Everything needed for operation is included with each unit.

Below is the contents of the package for the 4 Product Quart Fill unit:

- **4 of each of the following**
  - Product Pick-Up Hoses
  - Ceramic Hose Weights
  - Foot Valves
  - Dispensing Caps for gallon bottles

- **Z.D.S. Unit**
- Fountain Lever for dispensing
- Anti-Foam Dispensing Tube
- Push Button
- 2 sets of Metering Tips
- Use Instruction Sticker
- Product Type Stickers
Mounting and Set-Up Instructions

All the Z.D.S. 4 product and 1 product units will set up using the following instructions
1) Loosen Cover Lock Screws*

2) Remove Cover from Mounting Plate**

*Cover Lock Screws will stay attached to cover

**Place finger in the hole at the top of the unit and slightly lift and pull

3) Anti-Foam Dispensing Tube will be inside unit
4) Separate Unit from Mounting Plate by sliding in either direction*

*Slots in Unit align with grooves in Mounting Plate

In this picture the Unit has been removed and you are seeing the back of the Unit and the front of the Mounting Plate.
Installation Instructions

Please view the INSTALLATION VIDEO located on the main page of the Zep Equipment web site www.zepequipment.com to learn how to properly mount your Z.D.S. units to the surface you are working with.
5) Select placement for mounting Z.D.S. and secure Mounting Plate to the surface using ALL the mounting screws.
When linking multiple units together the Mounting Plates have TABS and SLOTS to assure level and secure mounting.
Z.D.S. Units can be linked together using no tools by removing the End Plug from one Unit and the Water Intake from another Unit as follows:

a) Decide which order you want the Units mounted on the wall
b) Grasp the End Plug of the Unit you want furthest to the right, and twist until slot and groove are no longer engaged
c) Pull the End Cap off the Unit
d) Grasp Water Intake of the next Unit and twist until slot and groove are no longer engaged
e) Pull the Water Intake off the Unit
f) If 3 or more Units are being linked all the Units in the center will have both the End Caps and the Water Intakes removed
g) Align tabs and grooves and insert open ends into one another and twist until straight to link Units together

h) Repeat the same process for all the Units being linked

i) When finished there should be a Water Intake on one end of linked Units and End Plug on the other end of the chain
6) Align Tabs and Grooves for Units and Mounting Plates and slide together
If using Fountain Fill Lever, attach at this time

1) to attach, clip onto main water tube of unit
7) Select Metering Tip and screw it into Hose Barb*

8) Push Chemical Pick-Up Hose over Metering Tip and onto Hose Barb

*Each Hose Barb requires its own Metering Tip
If using Push Button Fill, attach at this time:

1) to attach, slide Push Button into slot inside of Unit Cover.
9) Replace Covers on all units

10) Tighten Cover Lock Screws
11) Slip Ceramic Weight onto the end of the Chemical Pick-Up Hose which goes into the bottle of chemical

12) Push Foot Valve into end of Chemical Pick-Up Hose which goes into the bottle of chemical
13) Place Product Type Stickers onto Units
14) When Units are completely installed, attach water hose to Water Intake

15) Push Button or Fountain Fill Lever and watch chemical rise into Unit to “Prime” the Chemical Pick-Up Tube before dispensing into bottle or container*

*This step only needs to be done once but must be performed on each Chemical Pick-Up Tube
Installation Instructions

Proper selection of placement for the unit

- Mount unit below eye level to avoid dispensed product possibly getting into eyes
- Mount as close to the water source as possible
- Make sure Z.D.S. Unit has enough clearance below it to accommodate container to be filled
- The chemical bottles should be no more than 10 feet from the dispensing Unit
- Never place Unit next to electric outlet
Installation Instructions

Always use ALL the Mounting Holes

Always use the correct mounting hardware

View Installation Video to see what hardware is needed for the surface you are mounting the Unit to
PRODUCTS

All concentrated chemicals can be used with the Z.D.S. Units with the EXCEPTIONS of:

Emulsifiable petroleum solvents
d-limonene products