



PRODUCT DESCRIPTION

Hand-held single stream drench hose stations designed for wall or counter mount installation in areas where people may come into contact with hazardous materials. Retrofit kits adapt to existing combination shower/eyewash stations.

NOTE: Single stream drench hoses do not meet ANSI Z358.1 eyewash or shower requirements and should be used in combination with primary eyewash or shower equipment.

GENERAL INFORMATION

Following are requirements of ANSI Z358.1 for Hand-Held Drench Hose Equipment. A complete copy of this standard may be purchased from the International Safety Equipment Association.

1. Equipment shall be installed in accordance with the manufacturer's instructions and acceptable plumbing practices.
 2. Equipment shall be connected to a system capable of supplying adequate flushing fluid to meet the flow requirements of each component operating simultaneously. The supply line shall provide an uninterrupted supply of potable water at recommended minimum 0.207 megapascal (30 pounds per square inch) of flow pressure.
 3. Where the possibility of freezing conditions exists, equipment shall be protected from freezing or freeze-protected equipment shall be installed.
 4. When hand-held drench hose is installed, it shall be tested in accordance with the following procedures:
 - a. With the unit correctly connected to the water source and the valve(s) closed, visually check the piping connection for leaks.
 - b. Open the valve to the full open position. The valve shall remain open without requiring further use of the operator's hands.
 - c. Determine unit delivers flushing fluid to a portion of the user's body at a velocity low enough to be non-injurious to the user.
- NOTE:** Test that all devices on combination units are capable of operating simultaneously to ANSI standard.
5. Each unit location shall be identified with a highly visible sign. The area around the unit shall be well lit.
 6. Plumbed units shall be inspected annually for proper operation to ensure compliance to ANSI Z358.1 standard.

OPERATION & MAINTENANCE

1. Plumbed units shall be activated weekly to flush lines and verify proper flow pattern and volume.
2. Test records should be maintained verifying compliance with testing procedures.
3. Some chemical vapors or liquids may damage or soften plastic materials. Precaution should be taken to determine compatibility prior to installation.

TRAINING

All employees who might be exposed to hazardous material shall be instructed in the location and proper use of the drench hose units. Single stream drench hoses do not meet ANSI Z358.1 eyewash requirements and should be used in support of primary eyewash equipment. When addressing washing of the eyes, experiences have shown that initial first-aid treatment for irritants should be to wash the eyes and face for 15 minutes prior to medical treatment. It is important to hold the eyelids open and roll the eyes so water will flow on all surfaces and in the folds surrounding the eyes.

REPLACEMENT PARTS LIST

P/N 01052041	Drench Hose Head, 3/8" NPT	P/N 01052059*	Replacement 6 ft. Black Hose w/ Fittings
P/N 00011046*	Self-Closing Squeeze Valve w/o Aerator	P/N 01052101*	1/2" Ball Valve Kit w/ Push Plate
P/N 01052020	Float Off Cover w/ Chain		

*As Applicable

INSTALLATION INSTRUCTIONS

CAUTION: CHECK FOR ADEQUATE WALL STRENGTH WHEN MOUNTING WALL BRACKET.

Wall mounting hardware is not included. Use appropriate 1/4" dia. hardware.

NOTES:

1. Shut off water supply to station before any plumbing maintenance is performed.
2. Follow the installation instructions (page 2) applicable to the model being installed.
3. Use pipe wrench and appropriate pipe sealant when threading components. **Exception:** Not on ABS components.
4. When applicable, install drench hose bracket (hanger) on wall or upper vertical shower stanchion at an appropriate height to where tension of hose will not exist.
5. When installation is complete, visually inspect unit for leaks and for proper water flow pattern by activating valve(s) to open position using applicable actuation devices (pull rod, push plate(s), squeeze handle).
6. Recommended maximum dynamic (flowing) water pressure 80 psi / minimum dynamic (flowing) water pressure 30 psi.

INSTALLATION INSTRUCTIONS - continued

DRENCH HOSE STATIONS

MODEL 01090007



1. Attach ball valve to 1/2" NPT potable water supply pipe connection.
2. Attach push plate to ball valve stem and secure tightly with lock nut provided.
3. Attach wall bracket to wall using appropriate mounting hardware (not included).

MODEL 01090008



1. Attach drench hose station to 3/8" NPT water supply pipe connection (1/2" supply line recommended).
2. Attach wall bracket to wall using appropriate mounting hardware (not included).

MODELS 01090009 / 01090026



1. Locate previous drench hose hole on counter top or drill new hole 1 5/16" dia.
2. From top of counter, insert drench hose (with PVC flange) through hole and securely thread hose stem to 3/8" NPT supply water pipe connection (1/2" supply line recommended).
3. Place PVC flange onto hole with flange flush to counter top and attach using four (4) 1/8"x 3/4" wood screws (not included).

DRENCH HOSE RETROFIT KITS

MODEL 01090098



1. Locate 1/2" tee where eyewash supply pipe meets vertical pipe run on combination shower station. Shower station must have the 1/2" tee for proper installation.
2. Open a port at the tee by removing the 1/2" sq. head plug. Do not discard plug.
3. Thread drench hose tee assembly securely onto shower tee open port.
4. Replace 1/2" plug to the remaining open port.
5. Attach hanger to upper vertical stanchion using U-bolts, nuts and bracket provided.

MODEL 01090017



1. Locate and remove the 1/2" elbow where the eyewash supply pipe meets the vertical pipe run. If a 1/2" tee exists instead of an elbow, go to Step 3.
2. Replace elbow with the 1/2" tee of the drench hose assembly. Thread until secure while ensuring drench hose push plate is parallel to the eyewash push plate. Go to Step 6.
3. If a 1/2" tee exists instead of an elbow where the eyewash supply pipe meets the vertical pipe run, open a port by removing the 1/2" sq. head plug.
4. Remove and discard the 1/2" tee from drench hose assembly.
5. Thread drench hose assembly securely onto shower tee open port.
6. Attach hanger to upper vertical stanchion using U-bolts, nuts and bracket provided.

MODEL 01090099



1. This retrofit kit model can only be installed to an existing shower station if the 1 1/4" mid-point water inlet port is plugged.
2. Remove and discard plug.
3. Securely thread drench hose kit onto the 1 1/4" mid point water inlet connection.
4. Attach hanger to upper vertical stanchion using U-bolts, nuts, and bracket provided.

PROPOSITION 65

WARNING: This product can expose you to BPA, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

WARRANTY STATEMENT

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1. Encon is notified of the defect within one year of shipment, and
2. the product is determined by Encon to be defective.

Encon requires proof of original ownership as proof of warranty coverage, and Encon must receive any claim under this Limited Warranty within one year of purchase of the product.

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Replacement parts purchased from Encon are warranted for one year following the shipment of such replacement part, or until the expiration of the warranty period for the product, whichever is less. No warranty is given in connection with products that are altered without Encon's expressed written consent. The same warranty limitations and the obligations of Encon as set out herein above shall apply to replacement parts.

Encon's total liability arising out of this warranty (including, but not limited to, warranty claims) regardless of forum and regardless of whether such action or claim is based on tort, contract or otherwise will not exceed the total purchase price of the product.



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