



# INSTRUCTIONS

## for

# MODEL II 2-1/2" Hose Monster<sup>®</sup>

The Hose Monster Model II, 2-1/2" is intended for use with a 2-1/2" hose. THE HOSE MONSTER SHOULD NOT BE ATTACHED DIRECTLY TO A HYDRANT OR TEST HEADER VALVE. If thread adapters are used, do not connect them to The Hose Monster. Instead, connect the adapter to the inlet side of the hose. If you have a special application, please call us first.

### **BEFORE STARTING FLOW**

Secure the male end of the hose to the female inlet of The Hose Monster.

Install the gauge kit or quick disconnect male fitting in the 1/4" IPT pitot outlet. IMPORTANT - Use the wrench boss on the outlet end of the pitot as a holdback. Excessive tightening of the gauge or adapter into the gauge port of the pitot can result in damage to the pitot. If you attach the gauge kit directly to the pitot outlet, position the gauge so that it can be read with the pitot in the upstream position.

Place The Hose Monster in a location with sufficient drainage that allows safe water discharge.

Check hose connections.

Check water discharge path.

Remove the pitot locking-pin, turn the pitot handle away from the hose coupling (pitot inlet downstream) and replace pitot locking-pin.

### **START WATER FLOW SLOWLY**

Slowly open the valve to start the water flow. Remove any kinks that may appear in the hose.

After the water appears free of debris, remove the pitot locking-pin, rotate the pitot handle toward the 2-1/2" hose inlet (pitot inlet upstream) and replace the locking-pin.

Vent the air from the gauge by opening the draincock in the gauge kit until water comes out. CLOSE THE DRAINCOCK. Visually check that all connections between the pitot outlet and the gauge are not leaking.

When the water is discharging safely, adjust the water control valve slowly to obtain the desired flow rate.

### **WHEN TEST IS COMPLETE**

Slowly close the water control valve. Rapid closing of a valve under flow can create a severe water hammer and damage a water system. The Hose Monster transports best with the pitot handle pinned in the downstream position.

### **PITOT REPLACEMENT**

Debris in the flowing water can damage the pitot. The usual indication will be that the pitot pressure is zero. A visual inspection through the air vent opening will usually determine if the pitot is damaged. The pickup tube should be straight and without damage. We have a pitot repair service. If your pitot is damaged, contact us for details.

**MANUFACTURED BY:**  
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# INSTRUCTIONS

for

## 4" & 4-1/2" Hose Monster®

The Hose Monster model 4" & 4-1/2" is intended for flushing and measuring the flow from the large outlet of a fire hydrant. If flow rate is to be measured, install a gauge, or REMOTE READ FITTING in the 1/4" outlet on The Hose Monster.

Secure the hose to the 4" or 4-1/2" outlet on the fire hydrant.

Secure male end of the hose to the female inlet of The Hose Monster.

Place The Hose Monster in a position that will discharge the water in a safe location.

### BEFORE STARTING FLOW

Check and tighten hose connections.

Check water discharge path.

### START WATER FLOW SLOWLY

Slowly open the valve to start the water flow. Remove any kinks that may appear in the hose.

Vent the air from the gauge, if a gauge has been installed for flow testing.

When the water is discharging safely, adjust the water control valve slowly to obtain the desired flow rate.

### WHEN TEST IS COMPLETE

Slowly close the water control valve. Rapid closing of a valve under flow can create severe water hammers and cause damage.

### CAUTION

IT IS NOT RECOMMENDED THAT RESIDUAL PRESSURES BELOW 20 PSI BE ALLOWED. MOST WATER DEPARTMENTS DO NOT ALLOW MAIN PRESSURES TO BE DROPPED BELOW 20 PSI. THE HOSE MONSTER HAS BEEN CLASSIFIED BY UNDERWRITERS LABORATORIES INC.® FOR THE TESTING OF WATER FLOWS. FLOWS OUTSIDE OF THE HOSE MONSTER® FLOW CHART RANGE HAVE NOT BEEN TESTED OR VERIFIED BY UNDERWRITERS LABORATORIES INC.®. THE TESTED ACCURACY IS PLUS OR MINUS 3%. THE PRESSURE GAUGE MUST BE ACCURATE TO +/- .25 PSI. A 100PSI CALIBRATED TEST GAUGE WITH 1/4% ACCURACY IS RECOMMENDED.



CLASSIFIED BY  
Underwriters Laboratories Inc.  
AS TO FLOW MEASUREMENT ACCURACY SPECIFIED  
BY THE MANUFACTURER WHEN INSTALLED IN  
ACCORDANCE WITH THE MANUFACTURER'S  
INSTALLATION INSTRUCTIONS.  
FIRE PUMP FLOW TESTING EQUIPMENT UNIT.  
#3S57

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