



# SUCTION STRAINER AND HAND PUMP PRIMER

OPERATION AND  
SERVICE GUIDE  
O-270B  
MAR. 1999

Refer to Bulletin P-404

## **IMPORTANT SAFETY PRECAUTIONS**

### **BEFORE STARTING PUMP**

1. Read operating instructions and instructions supplied with chemicals to be used.
2. Refer to a chemical resistance data chart for compatibility of materials to be used.
3. Note temperature and pressure limitations.
4. Personnel operating pump should always wear suitable protective clothing: face mask or goggles, apron and gloves.
5. All piping must be supported and aligned independently of the pump.
6. Always close valves to avoid hydraulic shock.
7. Ensure that all fittings and connections are properly tightened.

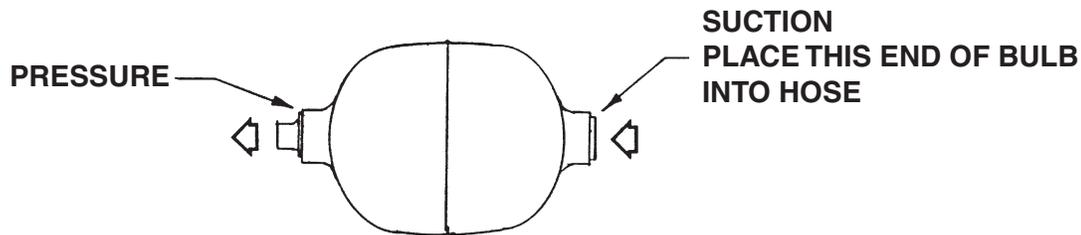
### **BEFORE CHANGING APPLICATION OR PERFORMING MAINTENANCE**

1. Wear protective clothing as described in item 4 above.
2. Flush pump thoroughly with a neutralizing solution to prevent possible harm to personnel.
3. Verify compatibility of materials as stated in item 2 of Safety Precautions above.

### **SUCTION STRAINER**

1. Insert polypropylene suction strainer into suction hose and immerse hose in solution.

### **HAND PUMP PRIMER**



- 1a. For 5/8" and 3/4" I.D. Hose: Price Code No. 99-0160  
Insert suction end of hand pump primer into discharge hose and hand pump liquid into filter pump and filter chamber.
- 1b. For 1" I.D. Hose: Price Code No. 99-0161  
Insert 3/4" vinyl hose 3" into 1" I.D. discharge hose. Insert suction end of hand pump primer into 3/4" hose and hand pump liquid into filter pump and chamber. Try to have junction of 3/4" and 1" below solution level.
2. With thumb, cover end of hose to hold prime in pump. Immerse into solution and energize motor.



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