



PROBLEMS WITH SAND AND SILT IN IRRIGATION WATER PASSING THROUGH SMITH MEASUREMIX UNITS

1. Models R-3 (3/4 inch), R-4 (1-inch), R-6 (1-1/2 inch), and R-8 (2-inch) can be severely damaged by particles of solid matter in the water. See "Installation Instructions, Operating, and Servicing", Booklet CM-2, sent with every machine, pages 11 and 12, "OPERATION GUIDELINES". If you do not have this booklet, please contact us for one, which will be gladly sent at no charge.
2. The removable built-in intake-water strainer on the R-3 model is at the water inlet underneath, behind the hose washer in the hose connection. Sometimes, users remove the hose connection so the machine can be installed permanently in a steel pipe line. If you do this, obtain a pipe line strainer, as the built-in strainer comes out when the hose connection is removed. R-4, R-6, and R-8 models should be protected with pipe line strainers.
3. In a few cases, solid particles in the water are so small that they pass right through the holes in the strainer screen. If these small particles are sharp and abrasive, they can still damage your Measuremix. In such cases, water filters are recommended. Filters are larger in size than strainers. They contain "cartridges" similar to those used in automobile engine oil filters.
4. If you think you need a filter, we suggest that you look for a suitable company on the internet or in the Yellow Pages under "Filters-Liquid." Check to see if there is a representative of the Filterlite Corp. or the CunoEngineering Corp. in your area. If so, please solicit their advice on a proper filter for your use. Try to get a representative to come to your location and look at your water.
5. The filter manufacturer's representative will need to know the following information in order to quote:
 - a. Recommended type cartridge – 25 micron
 - b. Liquid handled – water
 - c. Maximum water pressure at your place
 - d. Maximum water flow rate (gallons per minute)
 - e. Most convenient pipe size for your installation
6. If you are unable to find a filter representative, send us information (c), (d), and (e), and we will get a quotation for you.
7. Filters are seldom required but in the few cases where they are needed, they are almost indispensable.



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