



McDonnell & Miller  
a xylem brand

## INSTRUCTION MANUAL

MM-717D



### Replacement Instructions for Valve Stem Assembly SA25A-15 (340000) and Valve Seat 25A-14 (311600)

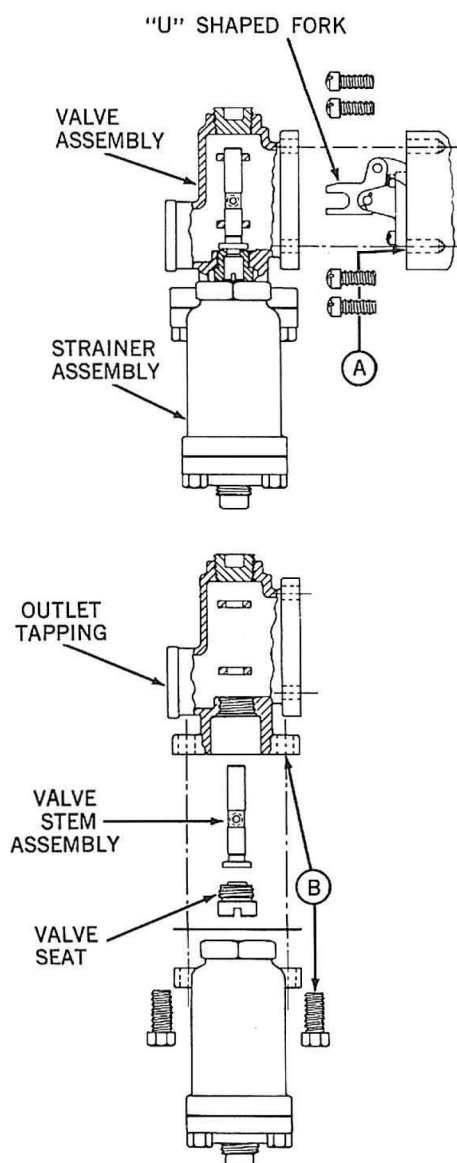
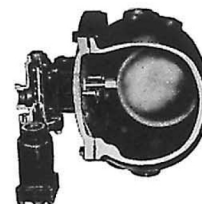
McDonnell & Miller No. 25A Make-up Water Feeder

**All work must be performed by qualified personnel  
(Please read all instructions carefully before starting work)**



This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



#### Remove Original Valve Stem Assembly and Valve Seat

1. Turn off water supply to feeder. Make sure by-pass valve is closed. Drain tank so water level is below float chamber. Be cautious - drained water and feeder may be hot.
2. Remove four screws (A) and remove valve and strainer assemblies. Move valve and strainer assemblies to a work bench for further disassembly operations.
3. With a socket attachment screwdriver bit, unscrew the valve seat and remove it. Once the valve seat is removed, the valve stem assembly will slide out freely.
4. Clean the valve assembly housing thoroughly.

#### Installation of New Valve Stem Assembly and Valve Seat

5. Insert the new valve stem assembly into the valve housing.
6. Carefully screw the new valve seat into position and tighten securely.
7. Clean strainer.
8. Remove the old gasket and clean the gasket surface on two bolt flange on the strainer and valve housing.
9. Re-assemble strainer assembly to the valve assembly using a new gasket and two screws (B). Tighten screws to secure.
10. Remove the old gasket and clean the gasket surface on the 4 bolt flange surface on the valve assembly housing and head casting.
11. Place the new gasket over the "U" shaped fork mechanism in the head assembly.
12. Position the stem assembly in the valve assembly by looking through the outlet connection so that the "U" shaped fork in the head casting aligns and engages the roller bearing in the center of the stem in the valve assembly.  
Align holes in the valve assembly, gasket, and head casting. Assemble using four screws (A) and secure tightly.
13. Reconnect water supply pipes to inlet of strainer casting and outlet of valve assembly, open water supply valve and close tank drain valve.
14. Check operation of feeder before placing system into operation.

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**Warranty.** For goods sold to commercial buyers, Seller warrants the goods sold to Buyer hereunder (with the exception of membranes, seals, gaskets, elastomer materials, coatings and other "wear parts" or consumables all of which are not warranted except as otherwise provided in the quotation or sales form) will be (i) be built in accordance with the specifications referred to in the quotation or sales form, if such specifications are expressly made a part of this Agreement, and (ii) free from defects in material and workmanship for a period of one (1) year from the date of installation or two (2) years from the date of manufacture, whichever shall occur first, unless a longer period is specified in the product documentation (the "Warranty").

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To make a warranty claim, check first with the dealer from whom you purchased the product or call +1-847-966-3700 for the name and location of the nearest dealer providing warranty service.



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