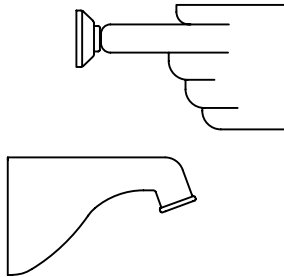


METERING AIR-CONTROLLED VALVES - (DELAYED ACTING)

CONDITION:

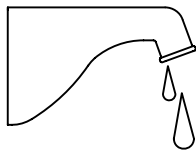
SOLUTION:

NO WATER FLOW:



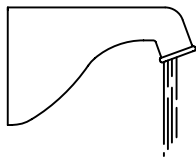
- 1.1 Check water main supply – open.
- 1.2 Inspect checkstops – open.
- 1.3 Inspect checkstop strainer for debris.
- 1.4 Check 1/8” O.D. tubing and fittings for leaks.
- 1.5 Check pushbutton air diaphragm for holes.
- 1.6 Check servomotor diaphragm center hole for blockage.
- 1.7 Check servomotor upper diaphragm for damage.

WATER DRIPS / WONT SHUT OFF:




- 2.1 Check servomotor timer assembly.
- 2.2 Check servomotor diaphragm offset hole for debris.
- 2.3 Check servomotor seat for build-up or damage.
- 2.4 Check servomotor plate and diaphragm for obstruction.

REDUCED WATER FLOW:



- 3.1 Check valve riser tubing for crimping.
- 3.2 Inspect checkstop strainer for debris.
- 3.3 Check valve flow control for blockage.
- 3.4 (Washfountains) Check nozzle assembly for debris.

Refer to drawing #9940-006-003 for Air-Controlled Valve Maintenance Detail to locate solutions above.
Refer to Acorn Operations And Maintenance Manual for installation instructions and repair parts drawings.

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	MANUFACTURE DATE APRIL 1994 TO PRESENT	DATE ISSUED 8-10-94	DRAWING NUMBER 9940-005-002
		DATE REVISED 03/26/01	