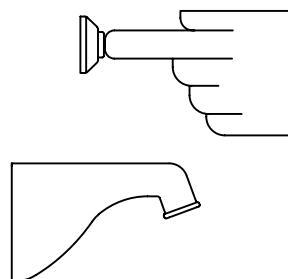


METERING AIR-CONTROLLED VALVES - (DELAYED ACTING)**CONDITION:****SOLUTION:****NO WATER FLOW:**

1.1 Check water main supply – open.

1.2 Inspect checkstops – open.

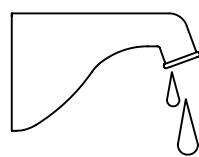
1.3 Inspect checkstop strainer for debris.

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.

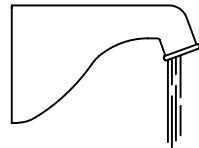
WATER DRIPS / WONT SHUT OFF:

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 DATE REVISED 03/26/01
			DRAWING NUMBER 9940-005-002