



Clark County Department of Building & Fire Prevention

Building Division – Inspection Services

Field Inspection Guideline

SUBJECT:	Water Hammer			FIG-P-030
Effective Date:	November 13, 1998	Revised:	February 12, 2007	Approved By: GJF
Code Chapter:	2006 UPC Section 609.10			Page 1 of 1

Interpretation:

Section 609.10 of the Plumbing Code states the requirements for water hammer arrestors where quick acting valves are installed.

Field Application:

Air chambers that are made by the installer to prevent water hammer shall be sized a minimum of $\frac{3}{4}$ inch in diameter by 6 inches in length. If the water hammer air chamber is to be constructed of $\frac{1}{2}$ inch material, the minimum length shall be 14 inches which is equivalent to the minimum size of the $\frac{3}{4}$ inch air chamber.

These devices shall be installed on both the hot and cold water supply piping to each appliance. "Quick Closing Valves", shall be protected on dishwashing and automatic clothes washing machines.

NOTE: Water hammer arrestors may be made from PEX piping materials. The UPC does not designate materials for this installation and would follow the same as any approved material approved for use in a water distribution system.