



General Suppliers

Water Hammer Arrester – **MV130 – 5L**

Installation & Maintenance Instructions

APPLICATION

Ideal for use where Lead-Free fittings are required. Designed to protect residential water lines during pressure surges following quick valve closure. This excessive pressure surge is absorbed by the pre-charged cushion of air permanently sealed within the water hammer arrester. The water hammer arrester may be installed within a stud bay without the need for an access panel.

INSTALLATION

1. Flush lines thoroughly prior to installation of MV130-5L.
2. The Model MV130-5L should be located as close to the source of shock as possible; one each on the hot and cold-water lines. Use only Teflon tape to seal pipe threads.
3. To insure proper performance, the Model MV130-5L should be installed so that there is an unobstructed path to the arrester.
4. Threading the Model MV130-5L into the determined location should be done with an appropriate sized wrench on the hex only.
5. Water Hammer Arrestor can be installed at any angle.

LONG RUNS OF PIPING TO REMOTE EQUIPMENT

When long runs of piping are employed to serve a remote item of equipment, the Water Hammer Arrester should be located as close as possible to the point of quick closure (see Fig. 4).

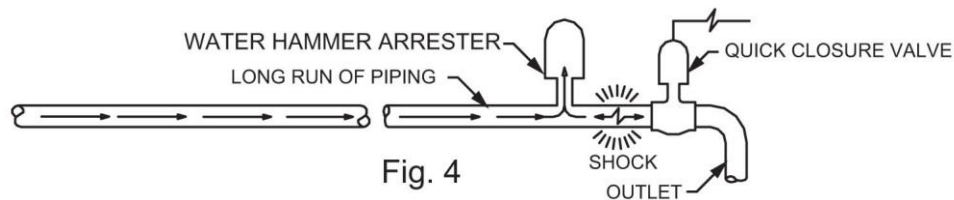


Fig. 4

SIZING AND SELECTION

Refer to MV130-5L Technical Datasheet.

MULTI-FIXTURE BRANCH LINES

Rule 1 - Branch lines of 20 feet or less.

Water Hammer Arrester should be placed at the end of the branch line between the last two fixtures served (see fig. 2). Select required model using fixture unit sizing.

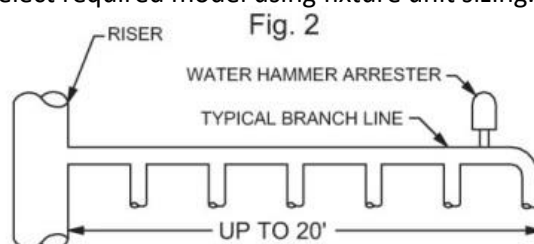


Fig. 2



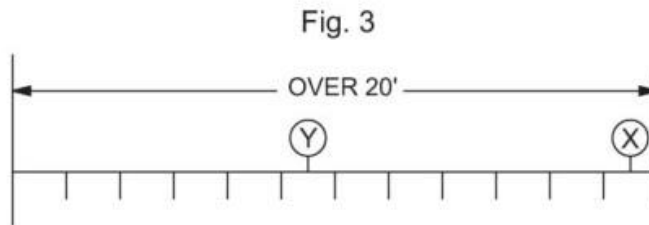
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Rule 2 - Branch lines exceeding 20 feet.

An additional Water Hammer Arrester should be placed as shown (see fig. 3). Select required models using fixture unit sizing. The sum of the fixture unit ratings of units X and Y shall be equal to or greater than the demand of the branches.



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