Water Hammer Arresters

Sizing Guideline

The following should be used as a guide only. Always consult local plumbing codes for specific requirements before installation.

RESIDENTIAL

Hotels | Motels | Multi-Family Dwellings | Single-Family Dwellings

Single-Fixture & Private Plumbing Groups
Applications: Not just for homes. Plumbing fixtures in homes, duplexes, apartments, condominiums, motels, hotels and military housing.

Sizing/Placement Guideline: Point-of-use AA size arrester on both hot and cold lines. Place on ice makers, dishwashers, washing machines and tub/shower valves.

Tub/Shower | Ice Maker | Dishwasher | Laundry

Arrester Group: Any ASSE 1010 Certified AA size arrester. Various connection size and type are for the installer's convenience.

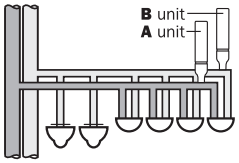
MIP | Laundry

COMMERCIAL

Office Buildings | Hospitals | Correctional Institutions | Retail Buildings

Multi-fixture Plumbing Groups
Applications: Plumbing fixtures in office buildings, retail, schools, hospitals, correctional facilities and public buildings.

Sizing/Placement Guideline: The properly sized arrester corresponds to the total number of fixture units on each hot and cold branch line. Place each arrester at end of the branch line.



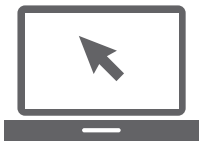
Arrester Group: Any ASSE 1010 Certified A, B, C, D, E, or F size arrester. Various connection size and type are for the installer's convenience.

INDUSTRIAL

Industrial Fluid Handling | Commercial Laundries | Up-Feed Pump Systems

Large Industrial Piping Systems
Applications: Industrial equipment, food processing, commercial laundry, up-feed pump systems, irrigation and waste treatment systems.

Sizing/Placement Guideline: To size an arrester for industrial applications, use the Industrial Equation, custom sizing the arrester given the system information of a particular project. A computer spreadsheet version of this equation is also available.



Arrester Group: Large industrial size arresters, 200-400 cubic inch size.