

Methods of Sizing

Three different methods of sizing are outlined below for each industry segment. Choose the sizing method most appropriate for your project and refer to the following pages for more details on that method.

RESIDENTIAL



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: One size fits all. Point-of-use AA size arrester on both hot and cold lines. Place on dishwashers, washing machines and tub/shower valves.



Dishwasher Laundry Tub/Shower

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



MIP Laundry Tub/Shower

COMMERCIAL

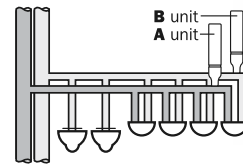


Multi-fixture Plumbing Groups

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

Sizing / Placement

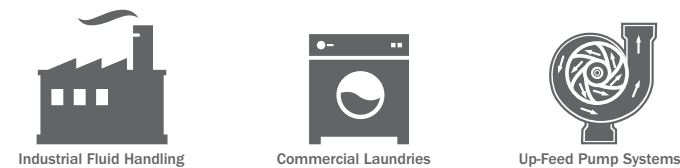
Guideline: The properly sized arrester corresponds to the total number of fixture units on each hot and cold branch line. Place each arrester at end of the branch line.



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



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.

