

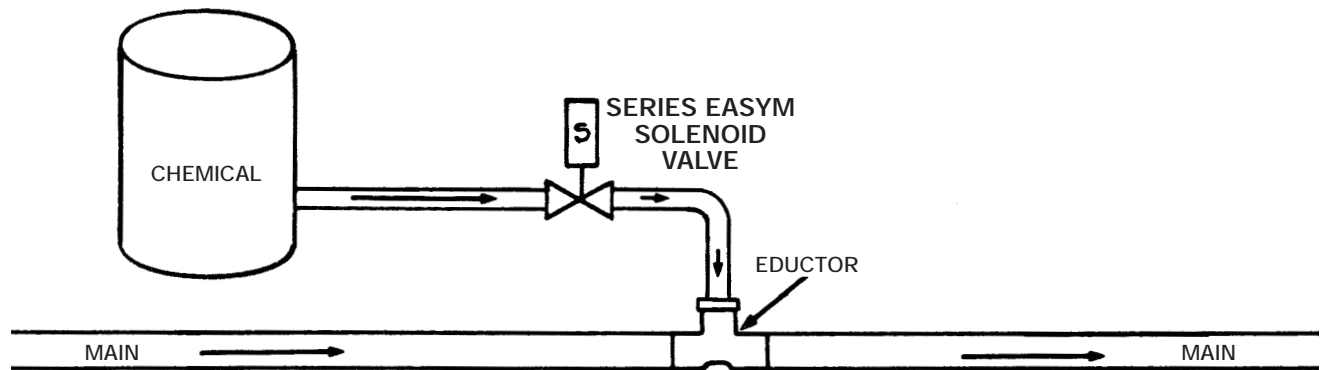
MARKET Chemical Feed, Chlorination / pH Control

PRODUCT(S) Series EASYM and EASM Solenoid Valves

REQUIREMENT To provide bubble-tight shut-off of corrosive chemicals under high vacuum conditions.

PROCESS FLUID(S) Acids, Caustics, Chlorine Solutions

INLET PRESSURE/TEMPERATURE Head Pressure from Tank(s) or Vacuum Draw



For on-line chemical feed or pH control the Series EASYM or EASM is installed close to the main line into which the chemical(s) are being fed. Typically, an eductor tee is used between the solenoid valve and the main line that creates a vacuum in this area. Thus when the solenoid valve

is energized (opened) it “draws” the treatment chemical into the main (pressurized) line. The turbulence in this entering area enables the chemical to be mixed with the liquid in the main line thereby providing for an even “dosing.”