

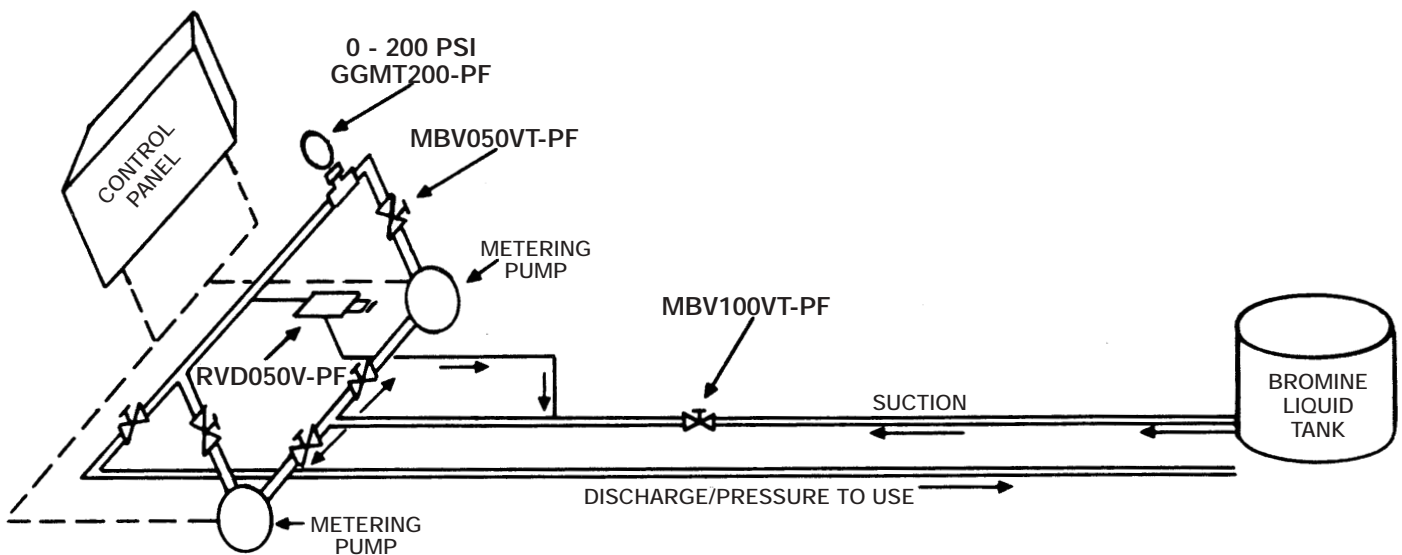
MARKET Chemical Distribution

PRODUCT(S) Relief Valve Series RVD050V-PF, Gauge Guard Series GGMT200-PF,
Ball Valves Series MBV050VT-PF and MBV100VT-PF

REQUIREMENT To provide by-pass safety relief from pressurized bromine line(s) in the event of blockage in "use" line.

PROCESS FLUID(S) Bromine Liquid

INLET PRESSURE/TEMPERATURE 80 - 150 PSI / Ambient



Packaged Bromine Delivery System provides variable flow by the use of two metering pumps. Control panel provides for bromine delivery of either or both pumps depending upon customer's demand. However, should blockage occur anywhere along the discharge line(s) the pump(s) will continue to run building pressures to 150 PSI – an extremely dangerous condition. A Series RVD050VT-PF

Kynar® Relief Valve was installed on the common discharge line between the two pumps with by-pass flow returning to the main suction line. This provides assurance that should blockage occur while either or both pumps are operating, the total flow capacity would be "by-passed" safely until the blockage problem is corrected.