

## VALVES

**CROKER** offers a complete selection of valves to compliment the balance of our product lines. All valves are rated or approved for the recommended service. We have listed our valves in the following categories; however, you will find the application of some to be interchangeable.

### HOSE VALVES

The most reliable and accepted valve for a wet piping system is the globe pattern. The primary function of all hose valves, whether they be the angle type or in-line type, is to control the flow of water at the hose station. All **CROKER** hose valves, recommended for wet piping systems, are of the globe pattern with replaceable seats and discs. All valves are tested at twice their rated pressure to assure the user and specifier of their reliability.

### PRESSURE RESTRICTING VALVES

An adjustable pressure restricting valve is a variation of the globe valve. The valve is used when the pressure range of the piping system is under 175 PSI.. Under flow conditions the valve will restrict the water pressure to the required working pressure. If full system pressure is required the valve can be adjusted manually to furnish the maximum available pressure. As a design safeguard, all hose stations with more than 100 PSI. should be equipped with adjustable pressure restricting valves. (Up to 175 PSI)

### HOSE GATE VALVES

Hose gate valves are not designed for use on wet piping systems, they are to be installed in normally dry piping locations. With either a rising stem or non-rising stem, the wedge disc hose gate valve provides an unobstructed water way, or flow, when the valve is in the full open position.

### PRESSURE REGULATING OR CONTROL VALVES

To automatically control water pressure under flow and static conditions (no flow) is the primary function of a pressure regulating or control valve. The volume of water delivered at the outlet depends on control of pressure within the system. Design and installation at the Hose Station will provide the user a maximum degree of safety from high pressure piping systems, and will maintain pressure within the limits required for hose equipment used beyond the valve. This type of valve should be used when the pressure in the system exceeds 175 PSI. Economies realized from the installation of this type of valve are a reduction of service weight of the piping system beyond the valve and the ability to use high pressure risers and laterals to the valve.

### BALL VALVES

Ball valves are for use in sprinkler systems, dry sprinkler systems, standpipe systems and as a manually operated deluge control valve. Used to control the flow of water to small open head extinguishing systems and as a zone control valve. The large ports minimize pressure drop and turbulence, and provide straight through flow. They are easy to install, conserve space and provide visual indication of operating condition - open or closed.

### PRESSURE RELIEF VALVES

When automatic pressure regulating or control valves are installed, a closed system occurs. As in all closed systems, it is good practice to install a relief valve within the system as a safety precaution and to prevent damage in the event of a malfunction due to some foreign object lodged in the valve, allowing the pressure to rise above the set pressure.

**ALWAYS SPECIFY HOSE THREAD REQUIREMENTS**