

F Series Excess Flow Valves

Introduction

The F Series excess flow valves are intended to close upon excessive discharge of vapor or liquid resulting from a break in the hose or piping system. They are used to protect cylinder, tank and piping systems, and are available in a large variety of sizes and body configurations.

When flow exceeds the valve's setting, the valve closes and remains closed until the system equalizes. A built-in equalizing passage automatically opens the valve once pressure on both sides of the poppet is equal. Valves larger than 1/2-inch threaded NPT have a drill size No. 60. Valves with a 1/2-inch threaded NPT and smaller have a limited bypass to comply with NFPA 58.

Features

- Complies with NFPA 58 Requirement
- Available in a Variety of Sizes and Body Configurations
- UL Listed

Service Applications

See Ordering Information Table

Inlet and Outlet Connections

See Ordering Information Table

Flow Capacities

See Table 2

Additional Technical Data

For more technical information, contact your local LP-Gas Equipment Distributor or log on to: www.emersonprocess.com/regulators/lp

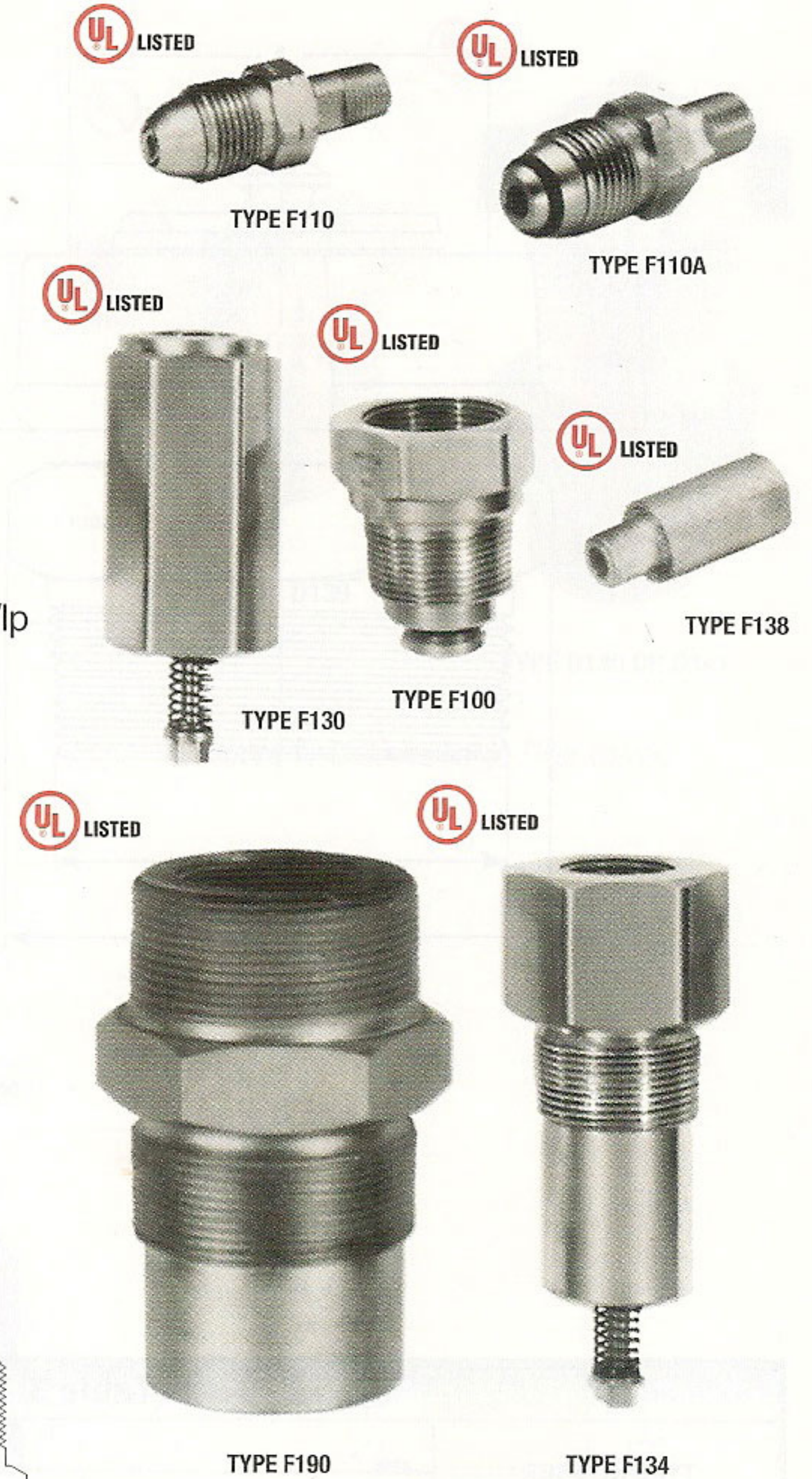


Figure 1. Selected F Series Excess Flow Valves

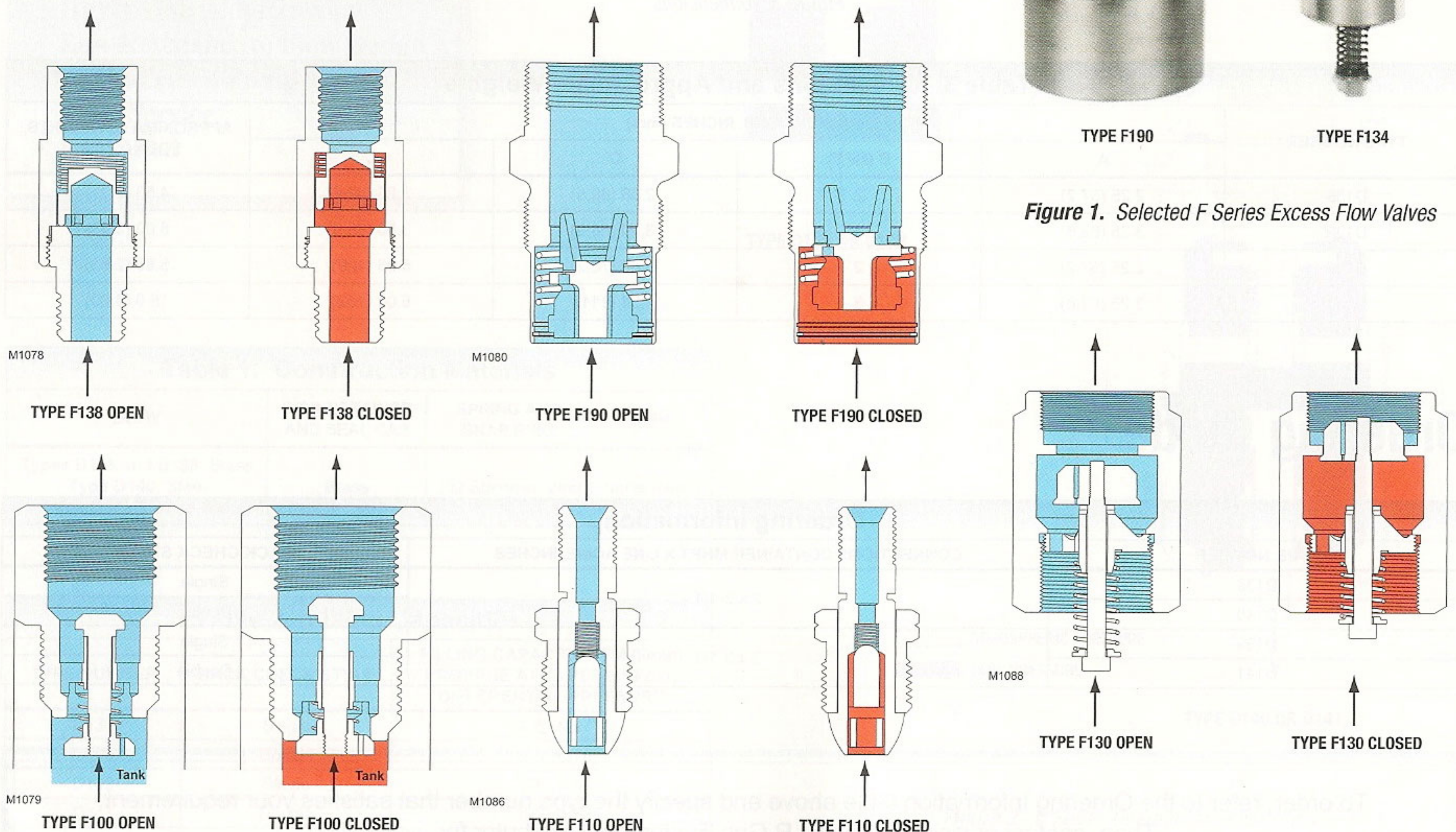


Figure 2. Operational Schematics