

Valves | Water Pressure Relief Valves | [Valves, Water Relief](#)

Model 108 FC

Product Description

Model 108 FC. 3, 4, 6, 8 in. NPS (76, 102, 152, 203 mm). Globe or angle. Hydraulically operated, diaphragm-actuated valves. Pressure relief pilot 60 to 180 psi (415 to 1240 kPa). Position indicator is available as optional equipment. Limited to installations having split-case centrifugal fire pumps mounted horizontally or vertically. Available ANSI flanged body connections are as follows: Class 150 inlet, Class 150 outlet; Class 300 inlet, Class 300 outlet; Class 300 inlet, Class 150 outlet. Working rated pressure is 175 psi (1205 kPa).

Model 108 FC Globe valves and Model 108FCA Angle valves. Sizes 3, 4, 6, and 8 in. NPS. Hydraulically operated, diaphragm - actuated valves. Pressure relief pilot 60 psi (414 kPa) to 180 psi (1241 kPa). Suitable for installations having split-case centrifugal fire pumps or vertical turbine pumps. Valves may be mounted horizontally or vertically. Position indicator is available as optional equipment.

Available with ANSI flanged body connections as follows: Class 150 inlet by Class 150 outlet, Class 300 inlet by Class 150 outlet, and Class 300 inlet by Class 300 outlet. Rated working pressure is 175 psi (1205 kPa).

Details

Category	Valves, Water Relief
Class of Work	1361 - Water Pressure Relief Valves
Approval Standard	FM 1361 - Water Pressure Relief Valves
Certification Type	FM Approved
Listing Country	United States of America

Company

OCV Control Valves
 7400 E 42nd Place, Tulsa ,
 Oklahoma 74145
 United States of America
<http://controlvalves.com>

Additional Info

Fire Pump Installation Systems

Valves, Water Relief

A water relief valve is designed to relieve excessive pressures in a water supply system. It is also used in the discharge line of a fire pump to limit the pressure developed by the pump.

Approval specifications require that a valve, set to operate at 100 psi (690 kPa), will discharge the full rated pump capacity without permitting the pressure to rise above 125 psi (860 kPa). It is designed to permit the removal of all working parts without removing the valve from its pipe connections. Sufficient clearance of all moving parts prevents sticking and avoids faulty operation.
