

VIKING PRODUCT SPECIFICATIONS

37. MODEL C-1 PILOT PRESSURE REGULATOR..... Page 531a

Deluge systems, which require a pre-determined discharge pressure shall utilize a means of regulating the pressure allowed to enter the system piping. The means of pressure regulating shall be accomplished by employing the service of a flow control valve as a deluge valve with listed deluge valve trim with pressure regulating capabilities. Pressure regulator shall be part of a listed system valve trim piping. Pressure regulator shall be field adjustable. Pressure regulator shall be UL Listed. Pressure Regulator manufacturer to be The Viking Corporation. Pressure Regulator Model to be C-1.

38. MODEL A-1 SPEED CONTROL ASSEMBLY Page 533a

Deluge systems that create excessive water hammer on system piping shall be equipped with a control assembly that will control the speed in which the deluge valve opens or closes. The speed control assembly shall be an optional valve trim accessory listed for use with the deluge valve with which it is to be installed. Speed control assembly shall be UL Listed. Speed Control Assembly manufacturer to be The Viking Corporation. Speed Control Assembly Model to be A-1.

39. PILOT OPERATED PRESSURE CONTROL VALVE Page 534a

Wet pipe sprinkler systems that require reduced discharge pressure at the system riser shall employ the use of a pilot operated pressure regulating valve. The pressure regulating valve shall be factory set and field adjustable to constant pressure regardless of inbound pressure fluctuations. Pilot operated pressure control valve shall be listed for water working pressures of 175 PSI (12 BAR). Pilot operated pressure control valve shall be UL Listed. Pilot Operated Pressure Control Valve manufacturer to be The Viking Corporation. Pilot Operated Pressure Control Valve Model to be A-2, A-3 or A-4.