**APEX™ Valve Controller**

**Product Specification**

An Elkhart Brass APEX Electric Valve Controller shall be provided. The controller shall be no greater than 3.75” in width and utilize a 3.5” LCD capable of displaying valve position, pressure and flow depending on user preference. The controller shall be rated to IP67 and operate the electric valve from a supply voltage of 12-24 VDC. Controllers shall have CAN network capability. Valve position shall be monitored and displayed via true position feedback. Pressure shall be displayed using a digital “gauge style” format in PSI, bar or kPa. The pressure gauge scale shall be user selectable either 0-400 or 0-600 psi and shall include a quick-reference pressure target indicator. Flow shall be displayed utilizing large numerical digits in GPM, LPM or ft3/minute. The controller shall include OPEN/CLOSE buttons, a one-touch programmable preset valve position and auto-open/auto-close function. A MENU button shall be included which allows access to set-up, calibration and diagnostics. The display shall feature valve identification, editable by the user, to match the color and name of the valve/discharge. The controller shall include a

top-mounted changeable visor available in colors to match the discharge. The screen shall offer daytime and nighttime modes, configurable by the user for brightness in either mode.

**Product Features**

* Valve control (APEX 100)
* Valve control with pressure (APEX 200)
* Valve control with pressure and flow (APEX 300)
* Large, impact resistant 3.5” LCD screen
* Displays all critical information in large easy-to-read format
* CAN network compatible
* Pressure indicated like a true analog gauge
* User selectable pressure range (0-400 or 0-600)
* Pressure Target indicator option on gauge
* Pressure indicated in PSI, Bar, or kPa
* Flow indicated in GPM, LPM
* MENU feature for set, calibration, and diagnostics
* Programmable screen header (color and text) to match pump discharges
* AUTO-dimming with user definable daytime/nighttime screen brightness
* Oversized buttons for easy gloved-hand operation
* Programmable preset for automatic valve positioning
* AUTO open/close feature for quick operation
* Visors in NFPA colors to match pump discharge colors