



IRRIGATION

PART 1 - PRODUCTS

1.1 PRESSURE REGULATOR

- A. PRESSURE REGULATOR shall be the XPR option (Factory installed) or PRK-24 (field installed) pressure regulating device as manufactured by Weathermatic Sprinkler Division of Telsco Industries, or approved equal. The pressure-regulating valve shall provide a constant, predetermined outlet pressure regardless of fluctuations in inlet pressures provided the inlet pressure exceeds the predetermined outlet pressure.
 - 1. The valve shall regulate pressure during manual operation when using the manual bleed lever installed in the regulator adapter, or electrically from the controller. Once in operation the outlet pressure shall remain constant with a maximum possible variation of +/- 5 psi of the outlet pressure. The adjustment range for the regulator shall be 15 to 110 psi and requires only 10 psi differential for operation. Regulator shall sense (down stream) pressure via a sensing tap. It is recommended this sensing tap be made downstream at least 10 pipe diameters. The regulating device shall accept the Weathermatic PRG-24 hose gauge assembly. The hose gauge assembly shall have a quick connect hose fitting for the Schrader valve on the XPR or PRK-24 regulators. Assembly shall have a 36" long, high-pressure hose and provide accurate reading of outlet pressure on a 0-160 psi scale.
- B. The XPR and PRK-24 shall have a manufacturer's limited warranty of not less than two (2) years. However, use of the XPR or PRK-24 shall not void published warranties of Weathermatic remote control valves.