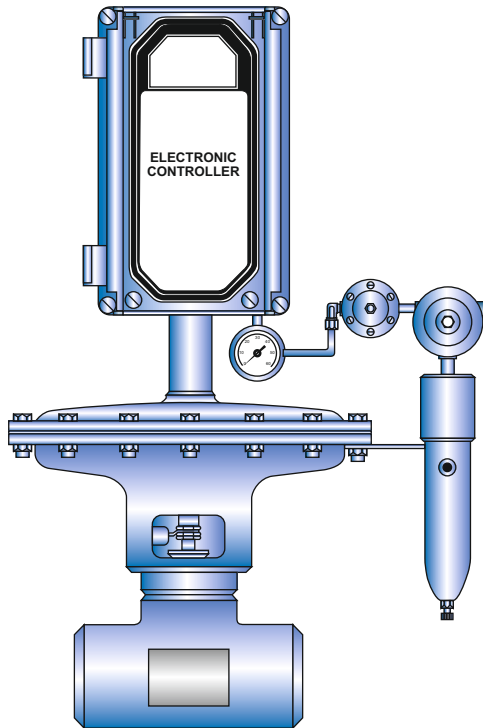
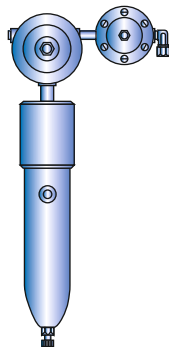


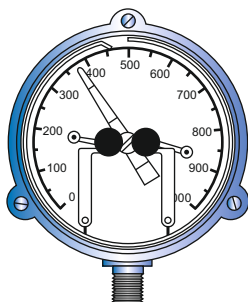
TIME CYCLE CONTROLLERS WITH ACCESSORIES TIME CYCLE ELECTRONIC CONTROLLERS



**ELECTRONIC CONTROLLER
AND MV-60 MOTOR VALVE**



**2 RBF TWO STAGE
REGULATOR AND FILTER DRIP**



SWITCH GAUGE

Mounted directly to the Motor Valve, the Electronic Times Cycle Controller with the Two Stage Regulator and Filter Drip is a compact assembly designed to provide the operator with a reliable method of obtaining optimum control of a plunger lift installation without frequent visual inspection and adjustment of cycle times. The Electronic Time Cycle controller is, having a microprocessor based timer that can be programmed to display name, date or other information. The controller maintains On-Time, OFF-Time & Delay Time.

Each timer is easily set by the operator using the dedicated keys & the display on the front panel. Timer timings can be in hours & minutes or as required so as to achieve maximum accuracy for any operating condition.

The electronic controller features a rugged, watertight enclosure with a clear, see-through front cover that allows the operator to monitor the current cycle being timed without exposing the interior to ambient atmospheric conditions. In addition, the internal electronics are conformably coated for protection against moisture laden air or corrosive gases. The coil in the solenoid valve and current limiting components are totally encapsulated to prevent the possibility of electric arcing in the presence of an explosive atmosphere.

2RBF Two Stage Regulator and Filter Drip is composed of two pressure regulators and a filter-drip pot. The primary high-pressure regulator input up to 6000-psi supplies gas and provides a 250-psi inlet supply to the secondary low-pressure regulator. The drip pot contains a stack of felt filters, which in conjunction with the sintered metal filter in the high-pressure regulator, provide a dry, clean (particulates less than 4 microns) operating supply to the pilot. The drip pot body features an extension for attachment to the motor valve, which permits a compact, unified installation.

Switch Gauges are conventional pressure gauges with adjustable high and low set points for controlling motor valve operation in response to well pressure. In operation, the indicator moves between the set point contact arms, and when the indicator touches one of the arms, an electric circuit is completed that generates a signal to an electronic timer, which controls the operation of a motor valve. These contact closure signals are used by the timer to override the programmed time cycles and typically represent high and low tubing and casing pressure.