



# Product Specifications

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## K-Rain RPS 200 Electric Valve

Model # 7201, 7215, 7202, 7201-BSP, 7215-BSP, 7202-BSP, 7201-J

### Professional Series Valve

The valve shall be a normally closed, electronically-actuated, diaphragm-operated, remote-control valve. The valve will be capable of operating between 6 and 200 PSI (0.4 bar/40 kPa- 13.8 bars/1380 kPa) with a flow range of between 5 and 150 GPM (19 LPM- 567 LPM).

The valve shall be available in a globe configuration with;

1. 1 inch Female National Pipe Thread (FNPT) inlet and outlet;
2. 1 ½ inch Female National Pipe Thread (FNPT) inlet and outlet;
3. 2 inch Female National Pipe Thread (FNPT) inlet and outlet;
4. 1 inch Female National Pipe Thread (FNPT), Female BSP inlet and outlet;
5. 1 ½ inch Female National Pipe Thread (FNPT), Female BSP inlet and outlet;
6. 2 inch Female National Pipe Thread (FNPT), Female BSP inlet and outlet; and
7. Jar top 2 inch Female National Pipe Thread (FNPT) inlet and outlet.

The valve shall be equipped with a flow control mechanism that will regulate flow from full on to completely off.

The body and bonnet shall be molded of non-corrodible, glass-reinforced nylon, rated to 200 PSI (13.8 bars/1380 kPa). The body of the valve shall accept the bonnet screws. The bonnet screws shall be serviceable with a Phillips screwdriver. The diaphragm assembly shall be of molded construction, reinforced with nylon fabric. The valve shall be equipped with a self-cleaning metering pin, so only clean water can enter the solenoid chamber. All metal parts internal to the valve shall be manufactured from corrosion-resistant stainless steel.

The standard solenoid shall be a 24 VAC unit with a 375mA inrush current and 250mA holding current at 60 cycles. The solenoid shall be an encapsulated, one-piece unit with captive plunger. It shall be equipped with manual internal bleed capability to release the upper chamber water to the downstream piping, allowing the valve to open.

The valve shall carry a five-year trade, exchange warranty (not prorated).

The valve shall be manufactured by K-Rain Manufacturing Corporation of Riviera Beach, Florida an ISO 9001:2000 Certified Company.