



# Product Specifications

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## K-Rain Pro Series 150 Electric Valve 1-Inch Models

Model #s 7101, 7101-SL, 7101-BSP

### Professional Series Valve

The valve shall be a normally closed, electronically-actuated, diaphragm-operated, remote-control zone valve. The valve shall be capable of operating between 10 and 150 PSI (0.7 bars-10.3 bars) with a flow range of between .25 and 30 GPM (9 L/M and 114 L/M).

The valve body shall be constructed of heavy duty, corrosion and UV Resistant PVC, rated to 150 PSI (10.3 bars). The valve shall have a manual external bleed screw for manual operation in system start-up. The valve shall have an external bleed screw with removable metering pin for easy cleaning of the metering pin without disassembly of the valve. The valve shall have a manual internal bleed through solenoid for manual operation without discharging water outside the valve. The valve shall have a heavy duty diaphragm.

The standard solenoid shall be a 24 VAC, 60 Cycle unit with a .43 amp inrush current and .25 amps holding current. The solenoid shall be an encapsulated, one-piece unit with captive plunger to allow solenoid to be removed without losing the internal plunger.

The valve is manufactured for 3 different applications:

1. To accept 1-inch female thread, NPT;
2. To accept 1-inch female slip; and
3. To accept 1-inch female thread, BSP.

The valve shall carry a five-year trade, exchange warranty.

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



# Product Specifications

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## K-Rain Pro Series 150 Electric Valve 1-Inch Jar-Top Models

Model #s 7101-J, 7101-J-SL, 7101-J-BSP

### Professional Series Valve

The valve shall be a normally closed, electronically-actuated, diaphragm-operated, remote-control zone valve. The valve shall be capable of operating between 10 and 150 PSI (0.7 bars-10.3 bars) with a flow range of between .25 and 30 GPM (9 L/M and 114 L/M).

The valve body shall be constructed of heavy duty, corrosion and UV Resistant PVC, rated to 150 PSI (10.3 bars). The valve shall have a threaded jar-top for quick removal of the cap for easy servicing after installation. The valve shall have a glass-filled nylon screw cap for increased durability. The valve shall have a manual external bleed screw for manual operation in system start-up. The valve shall have a manual internal bleed through solenoid for manual operation without discharging water outside the valve. The valve shall have a heavy duty diaphragm.

The standard solenoid shall be a 24 VAC, 60 Cycle unit with a .43 amps inrush current and .25 amps holding current. The solenoid shall be an encapsulated, one-piece unit with captive plunger to allow solenoid to be removed without losing the internal plunger.

The jar-top valve is manufactured for 3 different applications:

1. To accept 1-inch female thread, NPT;
2. To accept 1-inch female slip; and
3. To accept 1-inch female thread, BSP.

The valve shall carry a five-year trade, exchange warranty.

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



# Product Specifications

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## K-Rain Pro Series 150 Electric Valve 1 ½-Inch Models and 2-Inch Models

Model #s 7115, 7115-BSP

Model #s 7102, 7102-BSP

Professional Series Valve

The valve shall be a normally closed, electronically-actuated, diaphragm-operated, remote-control zone valve. The valve shall be capable of operating between 20 and 150 PSI (0.7 bars-10.3 bars) with a flow range of between 5 and 120 GPM (19 L/M and 454 L/M).

The valve body shall be constructed of heavy duty, corrosion and UV Resistant PVC, rated to 150 PSI (10.3 bars). The valve shall have a manual external bleed screw for manual operation in system start-up. The valve shall have an external bleed screw with removable metering pin for easy cleaning of the metering pin without disassembly of the valve. The valve shall have a manual internal bleed through solenoid for manual operation without discharging water outside the valve. The valve shall have a removable inlet cap to allow for easy conversion from globe to angle-style valve. The valve shall have a heavy duty diaphragm.

The standard solenoid shall be a 24 VAC, 60 Cycle unit with a .43 amp inrush current and .25 amp holding current. The solenoid shall be an encapsulated, one-piece unit with captive plunger to allow solenoid to be removed without losing the internal plunger.

The valve is manufactured for 3 different applications:

1. To accept 1 ½ -inch female thread, NPT;
2. To accept 1 ½ -inch female thread, BSP;
3. To accept 2-inch female thread, NPT; and
4. To accept 2-inch female thread, BSP.

The valve shall carry a five-year trade, exchange warranty.

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