



Solenoid valves are the heart of an irrigation system. The solenoid is an electromagnetic component that has been reliably used for decades in the industry to open and close a valve given a low voltage signal from the controller. Rain Bird utilizes a variety of solenoids to match valve performance with the application requirements.

G3/DV AC Solenoid

Model: RPKSOLENOI Part: 20858801

The industry standard solenoid for most 3/4" and 1" residential and light commercial Rain Bird valves (LFV Series, HV Series, ASVF Series and DV Series)



- Solenoid power requirement: 24 VAC 50/60 Hz (cycles per second)
- Inrush current: 0.30 A (7.2 VA)
- Holding current: 0.19 A (4.6 VA)
- Solenoid coil resistance: 38 Ohms
- Water Temperature: Up to 110° F (43° C)
- Ambient Air temperature: Up to 125° F (52° C)

DC Latching Solenoid

Model: TBOSPSOL Part: K80920

A DC latching solenoid used in conjunction with battery operated controllers. (All Rain Bird valves).



- Solenoid power requirement: 9.0 VDC Latching Solenoid; 6.5 VDC minimum @ 165 psi; 7.1 VDC minimum @ 220 psi
- Inrush current: 400 mA at 9.0 VDC
- Solenoid coil resistance: 4.5 ohms +/- 0.5 ohm
- Water Temperature: Up to 110° F (43° C)
- Ambient Air temperature: Up to 125° F (52° C)

G4 AC EZ Bleed Solenoid

Model: SOLASSG4 Part: 236239

Solenoid featuring easy manual operation and proven performance in the harshest environments. 2-wire and master valve capable. (PGA Series, PE Series, EFB Series, BPES Series)



- Solenoid power requirement: 24VAC 50/60Hz (cycles/sec)
- Inrush current: 0.41A (9.9VA) at 50/60Hz
- Holding current: 0.14A (3.43VA) at 50/60Hz
- Solenoid coil resistance: 30-39 Ohms, nominal
- Water temperature: Up to 150° F (66° C)
- Ambient air temperature up to 150° F (66° C)

G5 AC Common Solenoid

Model: SOLASSG5 Part: 237136

Next generation solenoid that improves 2-wire performance in critical applications. (All Rain Bird Valves)



- Solenoid power requirement: 24 VAC 50/60 Hz (cycles/sec.)
- Inrush current: 0.21 A (5.0 VA) at 50/60 Hz
- Holding current: 0.10 A (2.4 VA) at 50/60 Hz
- Solenoid coil resistance: 45-55 Ohms
- Water temperature: Up to 150° F (66° C)
- Ambient air temperature up to 150° F (66° C)

IVM (Integrated Valve Module) Solenoid

Model: LXIVMSOL Part: F47100

A smart 2-wire control device designed to create a “Smart Valve” that directly communicates with the irrigation controller.



- Solenoid power requirement: 26.5 Vrms 50/60 Hz (cycles/sec)
- Inrush current: <40mA (Peak)
- Quiescent current: <0.4mA (avg.)
- Voltage range: 15.6 - 29.2 Vrms
- Water temperature: Up to 150° F (66° C)
- Ambient air temperature up to 150° F (66° C)

Additional IVMSOL with pre-installed adapters

IVMSOL w/ Hunter Adapter
Model: LXIVMSOLHUNTER PART: F47101



IVMSOL w/ Toro Adapter
Model: LXIVMSOLTORO PART: F47102



Optional Solenoid Accessories:



Adapter for Select Toro / Irritrol Valves:
Model: ADAPP PART: K80510

Valve Compatibility		
Brand	Model	Type
Irritrol	• 100 Series • 200B Series • 2400/2500/2600/ 2700 Series • 700 Series	Plastic Plastic Plastic Plastic
Toro	• P220 Series • 220 Series • 252 Series	Plastic Brass Plastic



Adapter for Select Hunter Valves:
Model: ADAPH PART: K80520

Valve Compatibility		
Brand	Model	Type
Hunter	• 1” PGV Series • 1 ½” & 2” PGV Series • ICV Series • IBV Series	Plastic Plastic Plastic Brass

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