

# Hunter®

## The Irrigation Innovators

### DATA SHEET

### Rotors & Valves

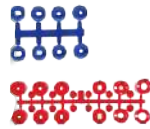
#### ROTORS



PGJ



PGP



I-25



I-80

Hunter is famous for its extensive range of rotors and irrigation nozzles that provide pop-up convenience and are adjustable on a 360° radius. They feature Hunter's reliable gear drive technology and provide accurate and consistent sprays in light to heavy irrigation applications in gardens, parks, sports arenas and commercial environments. Features include:-

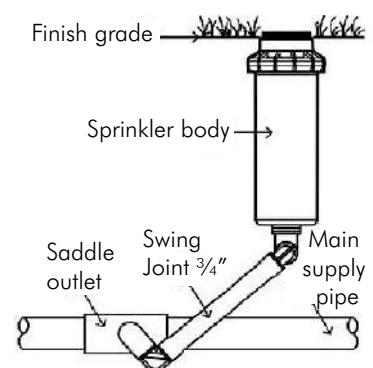
- Pop-up operation when water pressure is applied.
- Provided with a wide selection of nozzle diameters so spray volume and radius can be adjusted to suit the application requirements.
- Adjustable spray arc settings from 40° to 360°.
- Water lubricated gear drive rotation for accuracy and reliability.

All models are available with swing joint connectors for simple connections and precise location.

Hunter rotors are installed in grids that are designed to provide 100% precipitation over the irrigated area. They are reliable, accurate and economical and provide the ideal solution for all open cultivated area type irrigation requirements.

#### PERFORMANCE TABLE

ROTORS				
Model	PGJ	PGP	I-25	I-80
Inlet Size	½"	¾"	1"	1½"
Minimum Spray Radius, m	4.3	6.4	12	20
Maximum Spray Radius, m	11.6	15.8	17	29
Maximum Flow, m³/hr	1.2	3.2	3.4	19
Recommended Pressure Range, Bar	1.7-3.8	1.7-4.5	2.5-7	3.4-6.9
Nozzle trajectory, mm	15°	25°	25°	22.5°/15°
Nozzle Options	8	12	12	7
Overall Height, mm	180	190	200	250
Pop-Up Height, mm	100	100	100	95



## VALVES



PGV



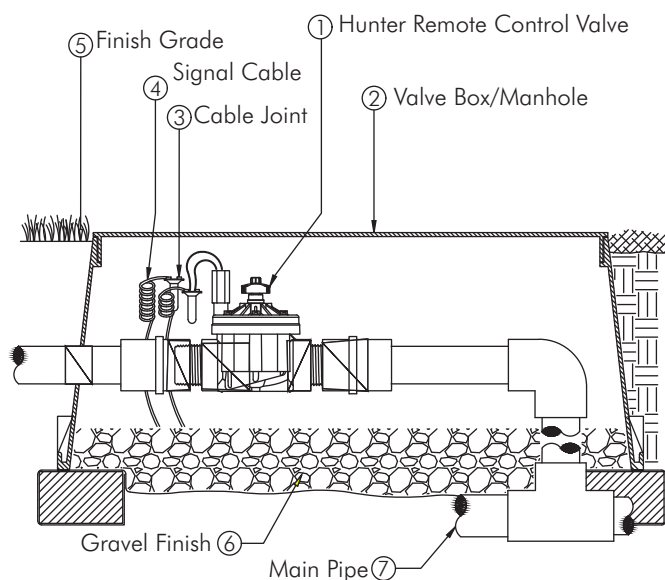
ICV

Hunter diaphragm solenoid valves are robust and dependable products specifically designed for the control of irrigation systems. Construction is of durable high grade engineering plastics fitted with an encapsulated 24VAC solenoid with capture plunger for easy cleaning. Other features include;

- PGV models fitted with jar type top cover for easy maintenance
- ICV models are secured with capture bolts and include manual flow control
- Manual bleeds for quick and easy activation
- Operating pressure range 1.4 to 10Bar

## PERFORMANCE TABLE

	PGV100JT	ICV151G	ICV201G	ICV301
<b>Connection</b>	<b>1" M BSP</b>	<b>1½" F BSP</b>	<b>2" F BSP</b>	<b>3" F BSP</b>
<b>Flow Range, m<sup>3</sup>/hr</b>	0.3-9	4.5-34	9-46	34-68
<b>Pressure Loss, Bar</b>	0.08-1.5	0.1-1.2		0.2-0.6
<b>Dimensions, LxWxH, cm</b>	14X11X8	18X17X14		27X22X19



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