

Hunter Pop-up sprinkler

Advanced rotor technology and great specifications



Hunter pop-up sprinklers are gear driven, sector adjustable and rotating sprinklers. The advanced rotate technology is developed from research and development for over 3 decades. A wide portfolio offers efficient solutions for almost any application. There are 4 different series to choose from: PGJ, PGP Ultra and I-series, each with their unique specifications.

The **PGP Ultra** sprayer is equipped with a robust drive, i.e. no irreparable damage occurs with strong hand movements. This feature allows the pop-up portion to be rotated without causing damage. Other advanced features include 34 nozzles with different radius choices and spray angle and reach adjustment screws.

The **PGJ** sprayer, the smallest in the range, offers all the benefits of the PGP Ultra and is adapted for typical misting function. The PGJ works well with larger rotor nozzles to combine large and small areas. The PGJ has an extra large filter screen, which catches more dirt without getting clogged. In addition, a rubber sealing also prevents clogging.

The **I-series** is a robust stainless steel rotor sprinkler with built-in check valve that is the perfect choice for applications where a large spray range is required. The I-series have a very low vulnerability for clogging. Unique to the I-40 is the Opposing Nozzle (OS) option for excellent water distribution, using primary and secondary nozzles that operate in opposite directions. The I-80 has a maximum range of 30m and is mainly used for larger riding arenas, including horse boxes.

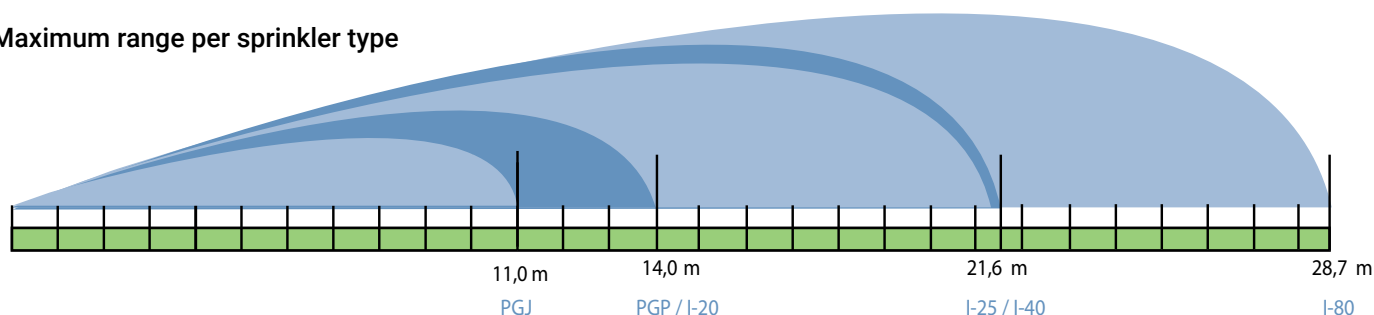
APPLICATION

Lawn irrigation, landscaping, riding area

CHARACTERISTICS

- ✓ Water greased drive train
- ✓ Range from 4,5 to 28,7m
- ✓ Adjustable sector angle from 40°-50°-70° to 360°
- ✓ Screw for fine tuning the sprinkler
- ✓ Set precipitation and range with different nozzles
- ✓ 5 year factory warranty

Maximum range per sprinkler type



TECHNICAL DATA

		PGJ 4"	PGP 4" / 12"	I-20 4"	I-25 4"	I-40 4"	I-80 4"
Flow rate	m ³ /h	0,17 – 1,44	0,07 - 3,23	0,07 - 3,23	0,82 - 7,24	1,63 - 6,84	4,6 – 13,5
Range	m	4,5 – 11,0	4.9 - 14.0	4.9 - 14.0	11.9 - 21.6	13.1 - 21.3	19,8 – 28.7
Precipitation	mm/h	15	10	10	15	15	10
Pressure	bar	2,0 – 3,5	1.7 - 4.5	1.7 - 4.5	2.5 - 7.0	2.5 - 7.0	3.4 – 7.0
Maximum pressure	bar	7.0	7.0	7.0	7.0	7.0	10.3
Angle	°	40° - 360°	50° - 360°	50° - 360°	50° - 360°	50° - 360°	70° - 360°
Pop-up height	cm	10	10 / 30	10	10	30	10
# nozzles	#	8	34	34	11 / 12	12	7
Nozzle angle	°	14	25 / 13 (l.a.)	25 / 13 (l.a.)	25	25	22.5 / 15 (l.a.)
Material		ABS	ABS	ABS/stainless steel*	ABS/stainless steel*	ABS/stainless steel	ABS/stainless steel
Connection	BSP	½"	¾"	¾"	1"	1"	1 ½"
Optional fast rotation		no	no	no	yes	yes	no
Flow stop control		no	no	yes	no	no	no
Check valve		option	option	yes	yes	yes	yes
Opposing nozzle (ON)		no	no	no	no	option	option

* option

INSTALLATION & MAINTENANCE

Installation

Setting up a Hunter pop-up sprinkler is very easy. A special Hunter sprinkler key (picture) is required for proper fine tuning.

- ✓ Adjusting the angle: turn the spray head counter clockwise to the left-hand top. Next turn the spray head clockwise to the right-hand stop. This is the spray angle start position.
- ✓ Increase angle: use the Hunter key to turn the set nut while fixating the spray head at the right hand stop. Each turn represents an 90° angle increase. A rattle is heard when the maximum angle has been reached. Please reverse operation for decreasing the spray angle.
- ✓ Set range: insert the hex part of the Hunter key into the sprinkler range setting bolt at the nozzle. Turn the bolt clockwise to decrease and counter clockwise to increase the range.

