

# Hunter®

The Irrigation Innovators



**F**or durability, performance and economy on medium to large area sites, no other rotor brings it all together like the Hunter I-25 Plus. A ribbed body and cap for better grip. An extra-thick heavy-duty rubber cover. The industry's smallest exposed surface area in its category. A dozen nozzles that provide optimum

performance in both primary and secondary coverage. The patented VStat® self-adjusting stator. Compact, extra-beefy construction. Plus, an optional stainless steel riser for even more toughness. The I-25 Plus has plenty to offer at quite an attractive price. No wonder it's the pick of so many people for so many jobs.

**I-25 Plus**  
*Efficient,  
 economical,  
 easy to use...  
 the ideal choice  
 for commercial  
 and recreational  
 sites*

## Features & Benefits



### ProTech™ safety system

Small exposed heavy-duty rubber cover and boot keeps playing areas safe

### 12 color coded nozzles

Outstanding flexibility, identification, and distribution uniformity

### Optional stainless steel riser

Long life in harsh conditions

### Heavy duty ribbed cap and body

Stands up to heavy traffic, easy servicing

### Proven water-lubricated gear drive

Time-tested and now improved for even longer life

### Patented VStat self-adjusting stator

No stator rings required, drives with more power and adds years to sprinkler life

### Drain check valve for up to 10 feet of elevation change

Saves water, reduces liability

## Pressure Port™: Better Dispersal, Better Close-in Watering

*With high flow, high pressure nozzles, the tremendous force of the primary stream tends to draw water away from the smaller secondary nozzle, limiting the efficiency for short and medium range coverage. But, Hunter's patented system decreases velocity and pressure while increasing droplet size, resulting in excellent close-in coverage. When the water droplets are larger, they are less affected by the primary nozzle and less likely to be carried away by the wind. And because the velocity is lower, seed washout in newly planted areas is greatly reduced.*

Upper arrow: Water flowing to main orifice  
 Lower arrow: Water to secondary orifice.



Water is ported inside the turret, reducing the pressure for improved water distribution.

## Models

I-25, I-31\* – 3½" (9 cm) Commercial duty rotor

I-25 HS, I-31 HS\* – 3½" (9 cm) High-speed commercial duty rotor

I-25-6P, I-31-6P\* – 5½" (14 cm) Commercial duty rotor

I-25-6P HS, I-31-6P HS\* – 5½" (14 cm) High-speed commercial duty rotor

\* metric model number (BSP threaded nozzle)

## Dimensions

• Overall height:

I-25, I-31, I-25 HS, I-31 HS – 7⅞" (20 cm)

I-25-6P, I-31-6P, I-25-6P HS, I-31-6P HS – 10¼" (26 cm)

• Female inlet: 1" NPT or BSP

• Exposed diameter: 1⅞" (5 cm)

## Operating Specifications

• Discharge rate: 3.8 to 31.5 GPM

(0.86 to 7.16 m³/hr; 14.4 to 119.2 l/min)

• Radius for I-25, I-31, I-25-6P, I-31-6P:

40' to 71' (12.2 to 21.6 m)

• Radius for I-25, I-31 HS, I-25-6P HS, I-31-6P HS:

37' to 67' (11.3 to 20.4 m)

• Recommended pressure range: 50 to 70 PSI

(3.4 to 4.8 bars; 344 to 482 kPa)

• Operating pressure range: 40 to 100 PSI

(2.8 to 6.9 bars; 275 to 689 kPa)

• Precipitation rates: approximately .23" to .57"

(6 to 14 mm) per hour

• Nozzle trajectory: 25°

## Options Available

• For quick, light wetdowns of sports fields or any areas that require dust control, Hunter offers the high-speed version I-25/31 HS that cuts full circle rotation time from three minutes down to one. High-speed model I-42/43 also available.

• Reclaimed water cover

• Factory-installed nozzles

## Primary and Secondary Nozzles Change as One Unit

Two distinct nozzles, each with its own particular function. One color-coded single unit, making it simple to replace both of these nozzles with one single action. Simply snap one out, snap another in and both the primary and secondary nozzles are changed, with no need to fine tune. With every I-25 Plus nozzle, the distribution of water over the entire area of throw is unsurpassed—no other rotor in its class delivers water more effectively or more efficiently.

## In-the-Field Identification is Twice as Easy

Hunter helps you to distinguish nozzles in two different ways.

First, every nozzle is individually color-coded for easy I.D. on the shelf, in the truck, or while in operation. Then, each nozzle has a number engraved on the outer surface. To aid in the selection process, these easy-to-read nozzle numbers approximate the nozzle's flow in gallons.



### I-25 Plus Nozzle Performance Data

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr
<b>4</b> Yellow	40	40'	3.8	0.46 0.53
	50	41'	4.3	0.49 0.57
	60	42'	4.7	0.51 0.59
	70	43'	5.1	0.53 0.61
<b>5</b> White	40	43'	4.4	0.46 0.53
	50	44'	4.8	0.48 0.55
	60	45'	5.3	0.50 0.58
	70	46'	5.6	0.51 0.59
<b>7</b> Orange*	40	45'	6.6	0.63 0.72
	50	47'	7.0	0.61 0.70
	60	48'	7.5	0.63 0.72
	70	49'	7.9	0.63 0.73
<b>8</b> Lt. Brown	40	47'	7.7	0.67 0.77
	50	49'	8.3	0.67 0.77
	60	50'	9.2	0.71 0.82
	70	51'	9.9	0.73 0.85
<b>10</b> Lt. Green*	50	51'	10.1	0.75 0.86
	60	52'	11.1	0.79 0.91
	70	53'	12.1	0.83 0.96
	80	54'	12.9	0.85 0.98
<b>13</b> Lt. Blue	50	53'	11.2	0.77 0.89
	60	54'	12.3	0.81 0.94
	70	55'	13.3	0.85 0.98
	80	55'	14.3	0.91 1.05
<b>15</b> Gray*	50	56'	13.4	0.82 0.95
	60	57'	14.3	0.85 0.98
	70	57'	15.2	0.90 1.04
	80	58'	16.4	0.94 1.08
<b>18</b> Red	50	58'	14.5	0.83 0.96
	60	59'	15.7	0.87 1.00
	70	62'	16.9	0.85 0.98
	80	63'	18.2	0.88 1.02
<b>20</b> Dk. Brown*	60	62'	17.8	0.89 1.03
	70	63'	19.2	0.93 1.08
	80	64'	20.5	0.96 1.11
	90	65'	21.8	0.99 1.15
<b>23</b> Dk. Green	60	64'	21.9	1.03 1.19
	70	65'	23.6	1.08 1.24
	80	66'	25.6	1.13 1.31
	90	67'	27.0	1.16 1.34
<b>25</b> Dk. Blue*	60	66'	23.5	1.04 1.20
	70	68'	25.5	1.06 1.23
	80	69'	28.0	1.13 1.31
	90	70'	29.5	1.16 1.34
<b>28</b> Black	70	68'	26.9	1.12 1.29
	80	70'	28.7	1.13 1.30
	90	71'	30.6	1.17 1.35
	100	71'	31.5	1.20 1.39

\* 5 standard nozzles included with each sprinkler.

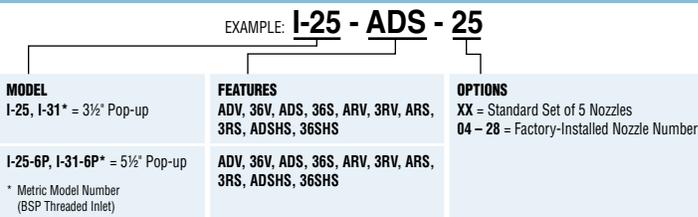
Note: All precipitation rates calculated for 180 degree operation. For the precipitation rate for a 360 degree sprinkler, divide by 2.

### I-25 Plus High Speed Nozzle Performance Data

Nozzle	Pressure PSI	Radius ft.	Flow GPM	Precip in/hr
<b>4</b> Yellow	40	37'	3.8	0.53 0.62
	50	38'	4.3	0.57 0.66
	60	38'	4.7	0.63 0.72
	70	39'	5.2	0.66 0.76
<b>5</b> White	40	38'	4.4	0.59 0.68
	50	39'	4.8	0.61 0.70
	60	40'	5.5	0.66 0.76
	70	41'	6.0	0.69 0.79
<b>7</b> Orange*	40	40'	6.1	0.73 0.85
	50	41'	6.9	0.79 0.91
	60	42'	7.5	0.82 0.95
	70	44'	8.1	0.81 0.93
<b>8</b> Lt. Brown	40	42'	7.2	0.79 0.91
	50	43'	8.1	0.84 0.97
	60	44'	8.9	0.88 1.02
	70	45'	9.8	0.93 1.08
<b>10</b> Lt. Green*	50	46'	10.1	0.92 1.06
	60	48'	11.1	0.93 1.07
	70	49'	12.1	0.97 1.12
	80	50'	12.9	0.99 1.15
<b>13</b> Lt. Blue	50	48'	11.2	0.94 1.08
	60	49'	12.3	0.99 1.14
	70	51'	13.3	0.98 1.14
	80	51'	14.3	1.06 1.22
<b>15</b> Gray*	50	49'	13.4	1.07 1.24
	60	51'	14.3	1.06 1.22
	70	53'	15.2	1.04 1.20
	80	54'	16.4	1.08 1.25
<b>18</b> Red	50	50'	14.5	1.12 1.29
	60	53'	15.7	1.08 1.24
	70	55'	16.9	1.08 1.24
	80	57'	18.2	1.08 1.25
<b>20</b> Dk. Brown*	60	53'	17.8	1.22 1.41
	70	56'	19.2	1.18 1.36
	80	58'	20.5	1.17 1.35
	90	59'	21.8	1.21 1.39
<b>23</b> Dk. Green	60	56'	21.9	1.34 1.55
	70	58'	23.6	1.35 1.56
	80	60'	25.6	1.37 1.58
	90	61'	27.0	1.40 1.61
<b>25</b> Dk. Blue*	60	58'	23.5	1.34 1.55
	70	62'	25.5	1.28 1.47
	80	64'	28.0	1.32 1.52
	90	66'	29.5	1.30 1.51
<b>28</b> Black	70	60'	26.9	1.44 1.66
	80	62'	28.7	1.44 1.66
	90	65'	30.6	1.39 1.61
	100	67'	31.5	1.35 1.56

Data represents test results in zero wind. Adjust for local conditions. Radius may be reduced up to 25% with nozzle retaining screw. (This may alter the uniformity of the spray pattern.) Performance data are derived from tests that conform to ASAE Standard S398.1. See Hunter Irrigation Products Catalog for complete ASAE Certification Statement.

## SPECIFICATION GUIDE



### KEY TO FEATURES:

ADV = Adjustable Arc with Check Valve  
 36V = Full-Circle with Check Valve  
 ADS = Adjustable Arc, Stainless Steel Riser, with Check Valve  
 36S = Full-Circle, Stainless Steel Riser, with Check Valve  
 ARV = Adjustable Arc, Reclaimed Water, with Check Valve  
 3RV = Full-Circle, Reclaimed Water, with Check Valve

ARS = Adjustable Arc, Reclaimed Water, Stainless Steel Riser, with Check Valve  
 3RS = Full-Circle, Reclaimed Water, Stainless Steel Riser, with Check Valve  
 ADSHS = ADS High-Speed Version  
 36SHS = 36S High-Speed Version