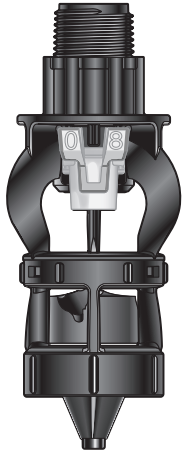


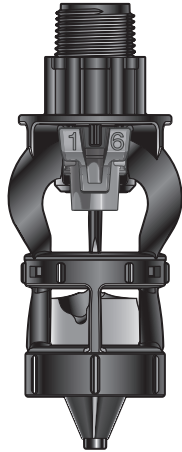
RECOMMENDED INSTALLATION

# LDN<sup>®</sup> Dynamic Drive

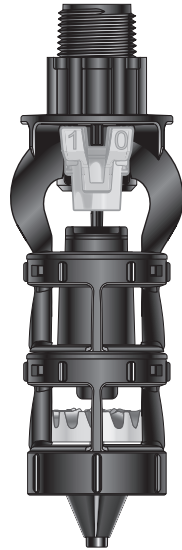
**DROP AND PART-CIRCLE MODELS**



**LOW PRESSURE**  
(green deflector)  
Nozzle sizes: #6-26,  
Flow: 0.8-14.98 gpm  
(182-3402 L/hr)  
Pressure: 10 psi  
(0.69 bar)



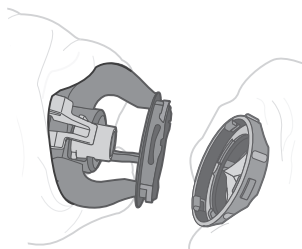
**HIGH PRESSURE**  
(orange deflector)  
Nozzle sizes: #6-26  
Flow: 0.98-25.94 gpm  
(223-5891 L/hr)  
Pressure: 15-30 psi  
(1.03-2.05 bar)



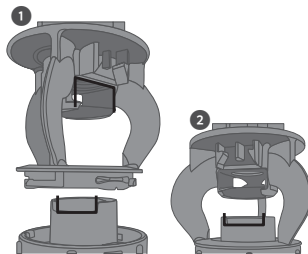
**PART-CIRCLE**  
(mustard deflector)  
Nozzle sizes: #8-15  
Flow: 1.43-8.79 gpm  
(325-1996 L/hr)  
Pressure: 10-30 psi  
(0.69-2.07 bar)

**REMOVE ENGINE MODULE**

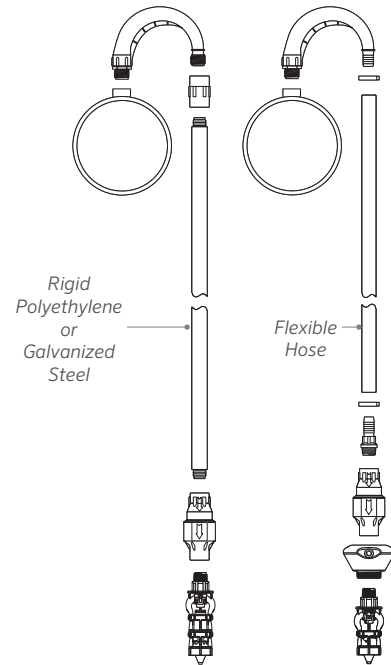
To remove the engine module, grasp the LDN bracket base with one hand and the engine module's extension bracket ring with the other. Then twist in opposite directions.



When installing the part-circle deflector, be sure the notch in the tube will align with the UP3 opening in the bracket.



- The LDN<sup>®</sup> Dynamic Drive drop models can be mounted on rigid drops or flexible hose drops.
- When using flexible hose, a weight is recommended.
- When using the Senninger Universal Magnum Weight, thread onto the LDN bracket base.
- Conventional slip over weights can be used with the LDN Dynamic Drive drop models.
- Mount the LDN Dynamic Drive drop models no less than 3 ft. (0.91 m) above the ground.
- Mount the LDN Dynamic Drive part-circle model on semi-rigid or rigid drops only to ensure proper distribution.

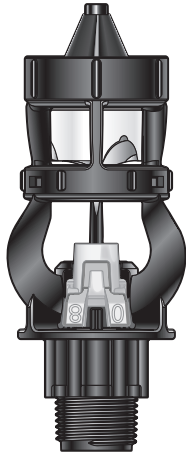


**PRESSURE REGULATOR LOCATION:**

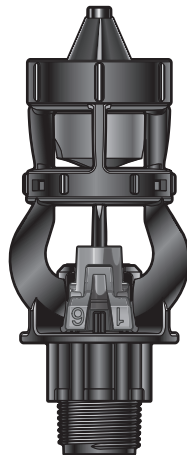
- Pressure regulators can be installed at the top of the drop, or near the applicator.
- Always follow your customized printout for proper pressure regulator placement.

*Important: To maintain product warranty and maximize drop component life, refer to the information and diagrams here.*

## TOP-OF-PIPE MODELS

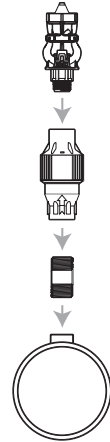


**LOW PRESSURE**  
 (white deflector)  
 Nozzles: #6-26,  
 Flow: 0.8-14.98 gpm  
 (182-3402 L/hr)  
 Pressure: 10 psi (0.69 bar)



**HIGH PRESSURE**  
 (dark blue deflector)  
 Nozzles: #6-26  
 Flow: 0.98-33.49 gpm  
 (223-7606 L/hr)  
 Pressure: 15-50 psi  
 (1.03-3.45 bar)

- The LDN Dynamic Drive TOP low-pressure model requires a 10 psi (0.69 bar) pressure regulator. Senninger PSR™2 is recommended.
- Install with a 3/4" Stainless Steel (FTN33S) or the Senninger impact-modified thermoplastic nipple (FTN33) into the mainline not to exceed 2 ft (0.61 m) length.



## PERFORMANCE

### TOP-OF-PIPE

Low Pressure Model (white deflector)	High Pressure Model (dark blue deflector)
Nozzle Numbers and Orifice Sizes	
<b>#6 - #26</b> 3/32" - 13/32" 2.38 - 10.32 mm	<b>#6 - #26</b> 3/32" - 13/32" 2.38 - 10.32 mm
Flows (minimum - maximum)	
0.80 - 14.98 gpm 182 - 3402 L/hr	0.98 - 33.49 gpm 223 - 7606 L/hr
Diameter at 12 ft (3.66 m) height	
36 - 52 ft 11.0 - 15.8 m	50 - 60 ft 15.2 - 18.3 m
Maximum Spacing at 12 ft (3.66 m) ground clearance	
Noz #6 - 26: 11 ft (3.4 m)	Noz #6 - 20: 20 ft (6.1 m) Noz #20.5 - 26: 11 ft (3.4 m)
Nozzle Pressure (minimum - maximum)	
10 psi 0.69 bar	15 - 50 psi 1.03 - 3.45 bar

### DROP HOSE

Low Pressure Model (green deflector)	High Pressure Model (orange deflector)
Nozzle Numbers and Orifice Sizes	
<b>#6 - #26</b> 3/32" - 13/32" 2.38 - 10.32 mm	<b>#6 - #26</b> 3/32" - 13/32" 2.38 - 10.32 mm
Flows (minimum - maximum)	
0.80 - 14.98 gpm 182 - 3402 L/hr	0.98 - 25.94 gpm 223 - 5892 L/hr
Diameter at 6 ft (1.83 m) height	
27 - 49 ft 8.2 - 14.9 m	28 - 59 ft 8.5 - 18.0 m
Maximum Spacing at 9 ft (2.74 m) ground clearance	
Noz #6 - 12: 15 ft (5.5 m) Noz #12.5 - 26: 11 ft (3.4 m)	Noz #6 - 20: 20 ft (6.1 m) Noz #20.5 - 26: 11 ft (3.4 m)
Nozzle Pressure (minimum - maximum)	
10 psi 0.69 bar	15 - 30 psi 1.03 - 2.07 bar

### PART-CIRCLE

Model (mustard deflector)
Nozzles and Orifice Sizes
<b>#8 - #15</b> 1/8" - 15/64" 3.18 - 5.95 mm
Flows (minimum - maximum)
1.43 - 8.79 gpm 325 - 1996 L/hr
Radius at 9 ft (2.74 m) height
21 - 27 ft 6.4 - 8.2 m
(not applicable)
Nozzle Pressure
10 - 30 psi 0.69 - 2.07 bar

*It is recommended that larger nozzle sizes be used only on soils that are suited for higher application rates.*