

NEW!

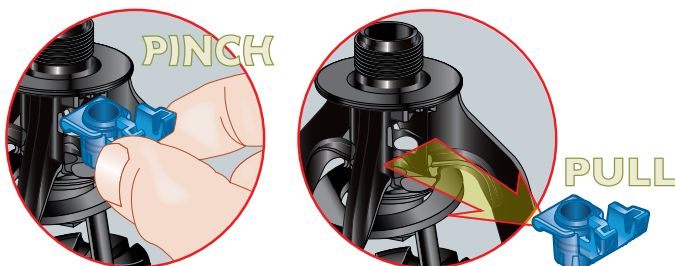
LDN[®] LOW DRIFT NOZZLE

Patented D385,011

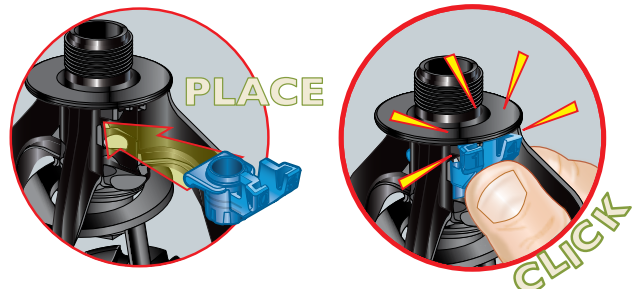


EASY CLEAN NOZZLE (patent pending)

NOZZLE REMOVAL



NOZZLE INSTALLATION



Senninger's new UP3
(Universal Pivot Products Platform)
uses the proven technologies
of the LDN, but with significant benefits.

LDN FEATURES:

- Designed specifically for use on flexible hose or rigid drops
- Multi-level pads to handle higher flows along the middle and outer spans of a pivot
- Low application intensity to preserve soil integrity
- Excellent distance of throw – up to 44 ft (13.4 m) diameter
- Chemigation pads (Cotton and Corn) available; Pads are easily changed from irrigation to chemigation
- Part-Circle Pad is available to distribute water away from wheel tracks
- Bubbler pad (Patent Pending) or drag hose adapter for direct furrow irrigation available
- Low pressure operation 6-15 psi (0.41-1.03 bar) saves money and energy
- Compatible with **The One** weight for stability on flexible hose drops
- Backed by Senninger's 2-year warranty on materials, workmanship and performance

UP3 FEATURES:

- Easy clean color-coded nozzle
- Dual nozzle carrier option to easily tailor your flow rate to the needs of your crop.
- Integrated base and bracket means fewer parts

Dual Nozzle Carrier (Patent Pending)

For installations needing two different flows from the same sprinkler package.



- Innovative easy change design, just *pinch and pull* - flip - then *place and click*
- Flexible material for durability from possible impact
- Nozzle flows clearly indicated with **high** and **low**
- Same nozzle carrier is universal to the i-Wob, Xi-Wob, LDN and Super Spray



Use the i-Wob UP3 with **The One** weight to help keep the applicator in position in windy conditions. The ribbed outer edge helps facilitate installation. 0.85 pounds







Nozzle Visibility



- Color-coded
- The nozzle numbers on the ears correspond to orifice size in 64ths of an inch
- Half-sizes clearly marked on the ears and with notches on the lower edge
- Same nozzle is universal to the i-Wob, Xi-Wob, LDN and Super Spray
- Five-year warranty on nozzle orifice



DEFLECTOR PADS- The LDN deflector pads are identified by shape flat (black), concave (blue), or convex (green) and type of surface (smooth, medium-grooved, or deep-grooved). The shape and surface help control spray pattern and droplet size. The drag hose adapter option allows easy conversion for direct furrow water application.

						
LDN UP3	Mini Pad	Single Pad	Double Pad	Triple Pad	Part-Circle Pad	Bubbler Pad
Nozzle sizes						
Minimum	#4 1/16" [1.59 mm]	#10 5/32" [3.97 mm]	#15 15/64" [5.95 mm]	#20 5/16" [7.94 mm]	#6 3/32" [2.38 mm]	#4 1/16" [1.59 mm]
Maximum*	#9 9/64" [3.57 mm]	#14 7/32" [5.56 mm]	#19 19/64" [7.54 mm]	#26 13/32" [10.32 mm]	#18 9/32" [7.14 mm]	#26 13/32" [10.32 mm]
Flows						
Minimum	0.24 gpm [55 L/hr]	1.74 gpm [395 L/hr]	3.91 gpm [888 L/hr]	6.78 gpm [1540 L/hr]	0.64 gpm [145 L/hr]	0.24 gpm [55 L/hr]
Maximum	2.52 gpm [572 L/hr]	6.09 gpm [1383 L/hr]	11.1 gpm [2517 L/hr]	20.5 gpm [4656 L/hr]	10.04 gpm [2280 L/hr]	20.5 gpm [4656 L/hr]
Maximum Spacing**						
at 6 ft [1.8 m] ground clearance	7 ft [2.13 m]	7 ft [2.13 m]	7 ft [2.13 m]	7 ft [2.13 m]	N/A [N/A]	Every Other Furrow
Pressure at Nozzle						
Minimum	6 psi [0.41 bar]	6 psi [0.41 bar]	6 psi [0.41 bar]	6 psi [0.41 bar]	6 psi [0.41 bar]	6 psi [0.41 bar]
Maximum	20 psi [1.38 bar]	20 psi [1.38 bar]	20 psi [1.38 bar]	20 psi [1.38 bar]	20 psi [1.38 bar]	20 psi [1.38 bar]

* It is recommended that larger nozzle sizes be used only on soils and slopes that can handle higher application rates.

** For optimum performance Senninger recommends the use of maximum spacing for 1-2 spans only.