

i-Wob® UP3®

Recommended installation

Component Assembly

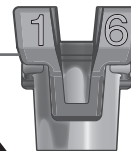
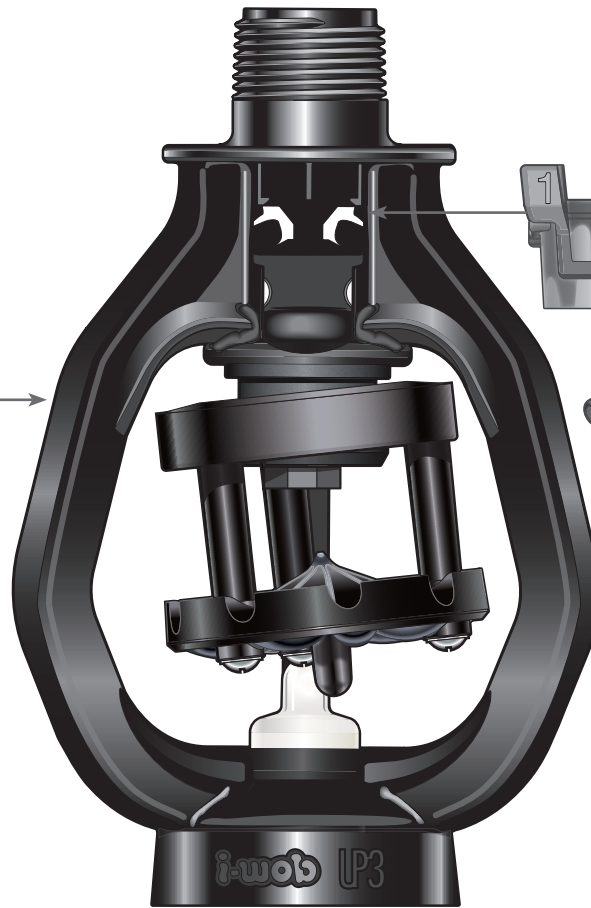
BRACKET ASSEMBLY

Standard Angle 6-Groove
(Gray deflector)
IWOB00B3SA6-UP3

Standard Angle 9-Groove
(Black deflector)
IWOB00B3-UP3

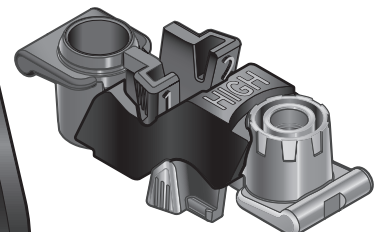
Low Angle 9-Groove
(Blue deflector)
IWOB00B3LA9-UP3

Low Angle 6-Groove
(White deflector)
IWOB00B3LA-UP3



UP3 Nozzles

#6 - #26
UP3NZ06 - UP3NZ26
(Depending on deflector)



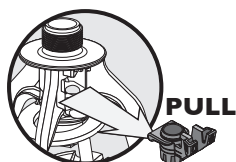
UP3 Dual Nozzle Carrier
UP3NZCD



The Magnum Weight
(0.85 LB) MAGWGTBRB
(Includes i-Wob connector)

If using The Magnum Weight, always be sure the weight is tightly threaded into the bottom of the i-Wob. 140 inch-lbs torque recommended.

Nozzle Removal



Nozzle Installation

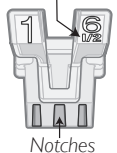


Nozzle Visibility

Whole sizes



Half sizes

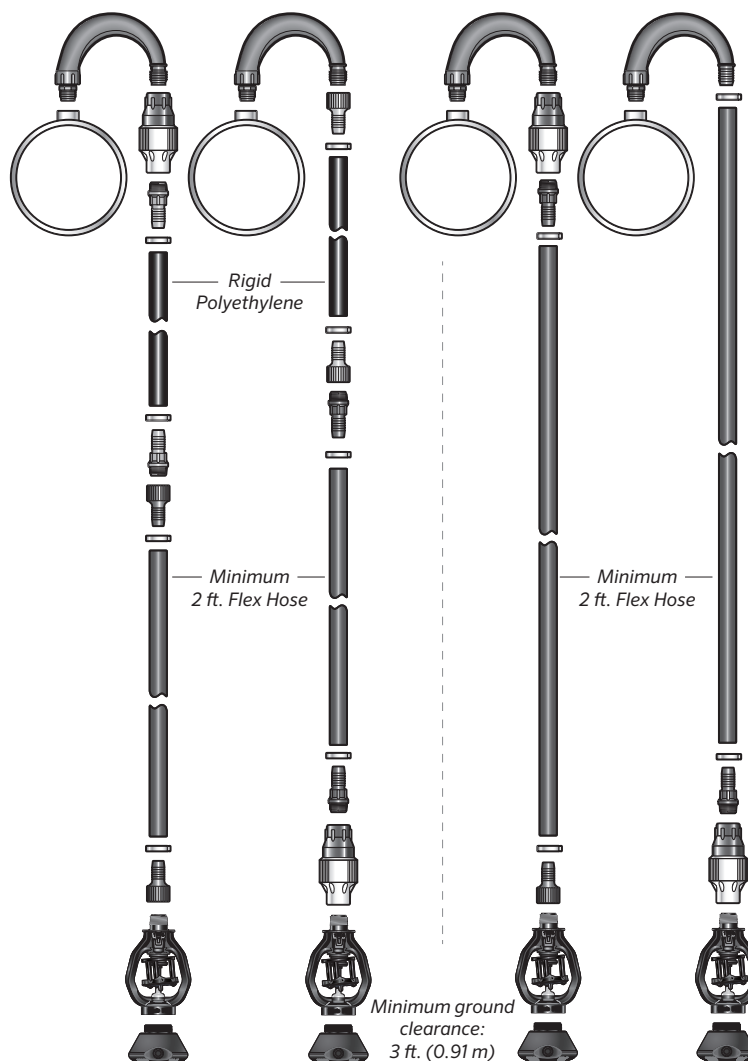


i-Wob System Assembly

Mounting

1. Always mount the i-Wob on a minimum of 2 ft (0.6 m) reinforced flexible hose. The hose must be on the outlet end of any semi-rigid or rigid drop.*
2. Mount the i-Wob no less than 3 ft (0.91 m) above the ground.
3. When using Senninger's Magnum or One Weight, always be sure it is tightly threaded to the bottom of the i-Wob. (140 inch-lbs torque recommended)
4. If using a conventional drop weight above the i-Wob, it should be a threaded weight of at least 1.5 lbs (0.7 kg), and should not exceed 1 ft (0.38 m) in length. A slip-over drop weight may cause premature failure of the drop tube assembly. Never combine weights above and below the i-Wob.

* If using Senninger's thermoplastic goosenecks, a minimum of 2 ft (0.6 m) of flexible hose should be used on the outlet end of any semi-rigid or rigid drop. In high canopy crops, consider applicator height.







Pressure Regulator Location

1. Pressure regulators can be installed at the top of the drop or near the applicator.
2. Follow your customized print out for proper pressure regulator placement.

System Design Criteria

To maintain product warranty, refer to the chart below

	 Standard Angle 6-Groove (Gray)	 Standard Angle 9-Groove (Black)	 Low Angle 9-Groove (Blue)	 Low Angle 6-Groove (White)
Droplet Sizes				
	Small Droplets	Medium Droplets	Medium Droplets	Large Droplets
Nozzle Sizes				
Minimum	#10 5/32" (3.97 mm)	#6 3/32" (2.38 mm)	#6 3/32" (2.38 mm)	#12 3/16" (4.76 mm)
Maximum*	#26 13/32" (10.32 mm)	#26 13/32" (10.32 mm)	#26 13/32" (10.32 mm)	#26 13/32" (10.32 mm)
Flows				
Minimum	2.24 gpm (509 L/hr)	0.80 gpm (182 L/hr)	0.80 gpm (182 L/hr)	3.24 gpm (736 L/hr)
Maximum	18.35 gpm (4168 L/hr)	18.35 gpm (4168 L/hr)	18.35 gpm (4168 L/hr)	18.35 gpm (4168 L/hr)
Maximum Spacing**				
at 6 or 9 ft (1.8 or 2.74m) ground clearance	18 ft (5.5 m)	20 ft (6.1 m)	18 ft (5.5 m)	15 ft (4.6 m)
Pressure at the Nozzle				
Minimum	10 psi (0.69 bar)	10 psi (0.69 bar)	10 psi (0.69 bar)	10 psi (0.69 bar)
Maximum	15 psi (1.03 bar)	15 psi (1.03 bar)	15 psi (1.03 bar)	15 psi (1.03 bar)

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

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

Note: Keep i-Wobs above crop canopy when outlet spacing exceeds 10 ft (3 m). This is especially important on high profile crops.