

Which Wobbler® is best for you?

All Wobblers provide instantaneous and uniform coverage over large diameters.

WOBBLERS

WOBBLER SYSTEM DESIGN CRITERIA	    				
	Mini-Wobbler	Xcel-Wobbler High Angle	Xcel-Wobbler Mid Angle	Wobbler Standard Angle	Wobbler Low Angle
Nozzle sizes					
Minimum	#4 1/16" (1.59 mm)	#6 3/32" (2.38 mm)	#6 3/32" (2.38 mm)	#6 3/32" (2.38 mm)	#6 3/32" (2.38 mm)
Maximum	#8 1/8" (3.18 mm)	#14 7/32" (5.56 mm)	#14 7/32" (5.56 mm)	#14 7/32" (5.56 mm)	#14 7/32" (5.56 mm)
Flow Range					
Minimum	0.42 gpm (95 L/hr)	0.78 gpm (177 L/hr)	0.78 gpm (177 L/hr)	0.78 gpm (177 L/hr)	0.78 gpm (177 L/hr)
Maximum	2.18 gpm (495 L/hr)	6.97 gpm (1583 L/hr)	6.97 gpm (1583 L/hr)	7.64 gpm (1735 L/hr)	7.64 gpm (1735 L/hr)
Pressure Range					
Minimum	15 psi (1.03 bar)	10 psi (0.69 bar)	10 psi (0.69 bar)	10 psi (0.69 bar)	10 psi (0.69 bar)
Maximum	25 psi (1.72 bar)	25 psi (1.72 bar)	25 psi (1.72 bar)	30 psi (2.07 bar)	30 psi (2.07 bar)
Spacing Recommendation					
Minimum	10 ft (3 m)	10 ft (3 m)	10 ft (3 m)	10 ft (3 m)	10 ft (3 m)
Maximum	20 ft (6 m)	30 ft (9.1 m)	25 ft (7.6 m)	30 ft (9.1 m)	25 ft (7.6 m)
Diameter of Throw					
Minimum at 1.5 ft (0.46 m) ht	26.5 ft (8.1 m)	36.5 ft (11.1 m)	32 ft (9.8 m)	34 ft (10.4 m)	29 ft (8.8 m)
Maximum at 1.5 ft (0.46 m) ht	39 ft (11.9 m)	55.5 ft (16.9 m)	46.5 ft (14.2 m)	52.0 ft (15.9 m)	46.5 ft (14.2 m)
Minimum at 3 ft (0.92 m) ht	31 ft (9.5 m)	39 ft (11.8 m)	34 ft (10.3 m)	38 ft (11.6 m)	33 ft (10 m)
Maximum at 3 ft (0.92 m) ht	43.5 ft (13.3 m)	57 ft (17.4 m)	54 ft (16.5 m)	56 ft (17 m)	52 ft (15.8 m)
Stream height above nozzle**					
Minimum	1.5 ft (0.46 m)	2.5 ft (0.8 m)	2.5 ft (0.8 m)	2.5 ft (0.8 m)	2.5 ft (0.8 m)
Maximum	3 ft (0.91 m)	5.5 ft (1.7 m)	4 ft (1.2 m)	5.5 ft (1.7 m)	4 ft (1.2 m)
Connections					
	1/2" M NPT	1/2" M NPT 3/4" M NPT	1/2" M NPT 3/4" M NPT	1/2" M NPT 3/4" M NPT	1/2" M NPT 3/4" M NPT

* Inverted mini-Wobbler also available. **Stream heights vary based on pressure and nozzle size selection.



Wobblers produce droplets resistant to wind-drift and evaporation, and distribute them in a gentle rain-like pattern.

FEATURES

- Provides extremely uniform coverage over large diameters
- Only one moving part, which translates to longer product life
- Available in standard and low angle models

WOBBLER SYSTEM DESIGN CRITERIA

	Standard Angle	Low Angle
Nozzle sizes		
Minimum	#6 3/32" (2.38 mm)	#6 3/32" (2.38 mm)
Maximum	#14 7/32" (5.56 mm)	#14 7/32" (5.56 mm)
Flows		
Minimum	0.78 gpm (177 L/hr)	0.78 gpm (177 L/hr)
Maximum	7.64 gpm (1735 L/hr)	7.64 gpm (1735 L/hr)
Pressure Range		
Minimum	10 psi (0.69 bar)	10 psi (0.69 bar)
Maximum	30 psi (2.07 bar)	30 psi (2.07 bar)
Diameters at 1.5 ft (0.46 m)		
Minimum	34 ft (10.4 m)	29 ft (8.8 m)
Maximum	52 ft (15.9 m)	46.5 ft (14.2 m)
Pattern Spacing		
Maximum	Up to 30 ft (9.2 m)	Up to 25 ft (7.6 m)

Stream heights range from 2.5 to 5.5 ft (0.8 to 1.7 m) above the nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft (0.46 m).

WOBBLER PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
WOBxxB3	¾" M NPT, standard-angle, black deflector, select #06 - 14 nozzle (complete)	50	100	7# 13# \$9.83
WOBxxB2	½" M NPT, standard-angle, black deflector, select #06 - 14 nozzle (complete)	50	100	7# 13# \$9.83
WOBxxB3LA	¾" M NPT, low-angle, white deflector, select #06 - 14 nozzle (complete)	50	100	7# 13# \$9.83
WOBxxB2LA	½" M NPT, low-angle, white deflector, select #06 - 14 nozzle (complete)	50	100	7# 13# \$9.83

XCEL-WOBBLERS®

The Xcel-Wobbler provides instantaneous coverage over a large area. It distributes water in an extremely uniform pattern that resists wind-drift and evaporation.

FEATURES

- Counter-balance design reduces vibration for smooth, stable performance with minimal riser support
- Only one moving part, which translates to longer product life
- Ideal for frost protection, salt leaching and germination



XCEL-WOBBLER DESIGN CRITERIA

	High Angle	Mid Angle
Nozzle sizes		
Minimum	#6 3/32" (2.38 mm)	#6 3/32" (2.38 mm)
Maximum	#14 7/32" (5.56 mm)	#14 7/32" (5.56 mm)
Flows		
Minimum	0.78 gpm (177 L/hr)	0.78 gpm (177 L/hr)
Maximum	6.97 gpm (1583 L/hr)	6.97 gpm (1583 L/hr)
Pressure Range		
Minimum	10 psi (0.69 bar)	10 psi (0.69 bar)
Maximum	25 psi (1.72 bar)	25 psi (1.72 bar)
Diameters at 1.5 ft (0.46 m)		
Minimum	36.5 ft (11.1 m)	32 ft (9.8 m)
Maximum	55.5 ft (16.9 m)	46.5 ft (14.2 m)
Diameters at 3 ft (0.92 m)		
Minimum	39 ft (11.8 m)	34 ft (10.3 m)
Maximum	57 ft (17.4 m)	54 ft (16.5 m)
Pattern Spacing		
Maximum	Up to 30 ft (9.1 m)	Up to 25 ft (7.6 m)

Stream heights range from 2.5 to 5.5 ft (0.8 to 1.7 m) above the nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft (0.46 m).

Xcel-Wobbler pricing continued on top of pg. 34 ►