

**TORO®****Count on it.**

# Snap-Jet® II

## Micro-Irrigation

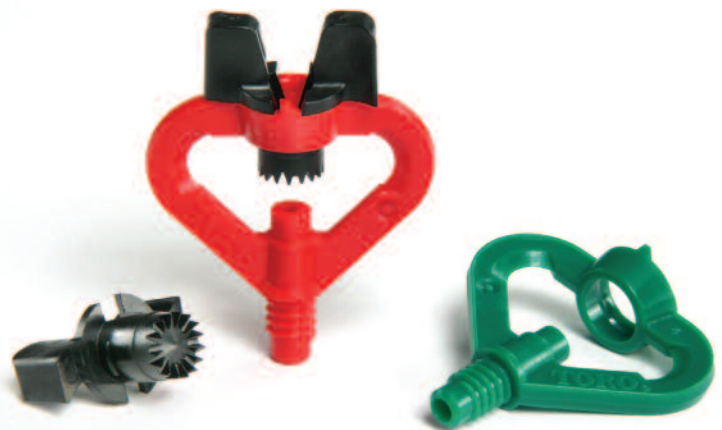


### Application:

The Snap-Jet® II is a versatile, low maintenance jet for the use in Orchards, Vineyards and Greenhouses. With a choice of 8 snap-fit spray patterns and 7 flow rates, it easily accommodates various crops, growth stages and soil types.

### Features:

- Improved easy grip snap-fit deflector plate – Facilitates easy spray pattern change, maintenance and cleaning
- Available in 8 different spray patterns – Ensures precise water placement for efficiency and water conservation; easily adaptable to various crop growth stages and site conditions
- Available in 7 different flow rates – Accommodates varying crop water requirements and soil conditions
- Color-Coded Nozzles for easy on-site flow rate identification
- No moving parts makes the Snap Jet II less susceptible to clogging and general wear and tear
- Advanced heavy duty plastic construction provides maximum strength and durability, as well as high chemical & UV resistance
- 10-32 UNF (self tapping thread) connection – For leak free positive fit
- Available with a Jet Stake that maintains spray pattern alignment with the plant's stem
- Complete assemblies available with:
  - 12" (30cm) clip (IPS0400) or barb (IPS0403) stake
  - 24" (60cm), 30" (76cm), or 36" (90cm) leader tube
  - 1/4" (4mm) barb coupling



## Performance Chart

Spray Patterns: Jet Trajectory: - High 24° - Standard 18° - Low 13° - Flat 0°				A	B	C	D	E	F	H	J				
Nozzle		Pressure	Flow Rate	Small Full Circle 360° x 16 streams	Large Full Circle 360° x 16 streams	Hi-Lo Full Circle 360° x 16 streams	Hi-Lo Part Circle 330° x 11 streams	Half Circle 180° x 9 streams	Deflector 360° solid	Hi-Lo Butterfly 2 x 120° 10 streams	Solid Butterfly 2 x 120° solid				
Model	Size / Color	psi	gph	Std Ft.	Std Ft.	Std Ft.	Flat Ft.	Hi Ft.	Lo Ft.	Std Ft.	Down Inch	Hi Ft.	Lo Ft.	Flat W x L Ft.	
SSJ30x	30 Black	10	4.2	7.8	8.8	5.7	7.8	7.8	9.9	3.5	16.0	11.3	12.0	6.7	9.1
		15	5.2	9.5	10.8	6.9	9.5	9.5	12.1	4.3	16.0	13.7	14.3	6.5	8.9
		20	6.0	11.0	12.5	8.0	11.0	11.0	14.0	5.0	16.0	13.0	14.0	5.2	9.2
		25	6.7	12.3	14.0	8.9	12.3	12.3	15.7	5.6	16.0	11.5	14.0	4.7	9.6
		30	7.3	13.5	15.3	9.8	13.5	13.5	17.1	6.1	16.0	10.8	14.8	4.7	10.2
SSJ35x	35 Orange	10	5.9	8.1	9.9	6.4	8.5	9.5	12.7	4.2	16.0	11.3	13.0	6.5	8.9
		15	7.3	10.0	12.1	7.8	10.4	11.7	15.6	5.2	16.0	13.0	13.3	5.2	10.3
		20	8.4	11.5	14.0	9.0	12.0	13.5	18.0	6.0	16.0	14.0	14.7	5.0	10.8
		25	9.4	12.9	15.7	10.1	13.4	15.1	20.1	6.7	16.0	13.3	16.0	4.7	11.1
		30	10.3	14.1	17.1	11.0	14.7	16.5	22.0	7.3	16.0	11.3	17.0	4.7	12.5
SSJ40x	40 Blue	10	7.6	8.5	11.0	7.1	9.2	13.3	15.2	4.9	16.0	14.8	15.3	7.0	9.4
		15	9.3	10.4	13.4	8.7	11.3	13.9	18.6	6.1	16.0	18.7	18.7	4.7	10.5
		20	10.7	12.0	15.5	10.0	13.0	16.0	21.5	7.0	16.0	19.7	21.0	4.5	11.6
		25	12.0	13.4	17.3	11.2	14.5	17.9	24.0	7.8	16.0	22.0	22.3	4.7	11.7
		30	13.1	14.7	19.0	12.2	15.9	19.6	26.3	8.6	16.0	22.0	22.7	4.8	12.1
SSJ45x	45 Purple	10	10.0	8.8	12.0	7.4	9.9	13.1	16.6	5.3	16.0	12.7	14.0	6.0	9.1
		15	12.2	10.8	14.7	9.1	12.1	16.0	20.4	6.5	16.0	16.0	16.7	4.0	11.1
		20	14.1	12.5	17.0	10.5	14.0	18.5	23.5	7.5	16.0	18.0	19.0	4.0	11.9
		25	15.8	14.0	19.0	11.7	15.7	20.7	26.3	8.4	16.0	20.0	21.0	4.2	11.9
		30	17.3	15.3	20.8	12.9	17.1	22.7	28.8	9.2	16.0	22.3	23.0	4.3	11.6
SSJ50x	50 Green	10	11.8	9.2	13.1	7.8	10.6	13.8	17.7	5.7	16.0	17.0	18.0	5.0	9.7
		15	14.5	11.3	16.0	9.5	13.0	16.9	21.7	6.9	16.0	21.0	22.7	4.7	11.0
		20	16.7	13.0	18.5	11.0	15.0	19.5	25.0	8.0	16.0	23.3	24.7	4.8	11.3
		25	18.7	14.5	20.7	12.3	16.8	21.8	28.0	8.9	16.0	25.3	27.7	5.0	12.2
		30	20.5	15.9	22.7	13.5	18.4	23.9	30.6	9.8	16.0	27.0	29.0	5.0	12.4
SSJ55x	55 Yellow	10	14.5	9.5	14.1	8.1	11.0	14.5	18.4	6.0	16.0	19.7	21.0	5.0	9.2
		15	17.8	11.7	17.3	10.0	13.4	17.8	22.5	7.4	16.0	22.7	25.0	5.7	10.0
		20	20.5	13.5	20.0	11.5	15.5	20.5	26.0	8.5	16.0	25.3	27.7	6.2	10.8
		25	22.9	15.1	22.4	12.9	17.3	22.9	29.1	9.5	16.0	29.3	31.3	6.5	11.1
		30	25.1	16.5	24.5	14.1	19.0	25.1	31.8	10.4	16.0	32.0	32.7	6.5	11.4
SSJ60x	60 Red	10	17.0	9.9	15.2	8.1	11.3	15.2	18.7	6.4	16.0	19.0	21.3	4.7	10.0
		15	20.8	12.1	18.6	10.0	13.9	18.6	23.0	7.8	16.0	22.7	28.0	4.8	10.8
		20	24.0	14.0	21.5	11.5	16.0	21.5	26.5	9.0	16.0	26.7	30.3	5.3	11.3
		25	26.8	15.7	24.0	12.9	17.9	24.0	29.6	10.1	16.0	31.3	33.3	5.3	11.6
		30	29.4	17.1	26.3	14.1	19.6	26.3	32.5	11.0	16.0	32.7	34.0	5.8	12.2

## Specifications

Color	SSJ30x Black	SSJ35x Orange	SSJ40x Blue	SSJ45x Purple	SSJ50x Green	SSJ55x Yellow	SSJ60x Red
Nominal Flow Rates (Q)							
gph	6.0	8.4	10.7	14.1	16.7	20.5	24.0
lph	22.71	31.80	40.50	53.37	63.22	77.60	90.85
Recommended Pressure Range (P)							
psi	0.5 to 30 psi						
bar	0.3 to 2 bar						
Flow Exponent (x)	00.5						
Coefficient of variation (Cv)	≤ 5%						
Recommended Filtration Requirement							
Mesh	140	120	120	100	100	80	70
Micron	105	125	125	150	150	177	210

## Specifying Information

Example: SJA40A03-36D

SJA 40 A 03 -36 D

D-Barb stake assembly / C-Clip stake hose

Lead Length: 36" (90 cm)

Last 2 digits of stake part number (03 = IPS0403)

See page 36 for list of stakes.

Splash Plate pattern letter

Orifice size of Jet Body (40 = .040" diameter)

Prefix to represent Snap-Jet assembly

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