

TORO

SpecSheet

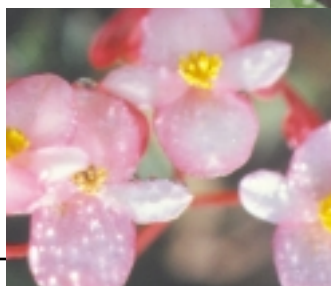
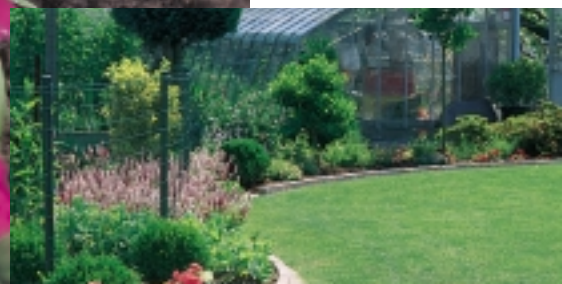
Maxijet® Microspray

An innovative approach for maximum versatility with low-volume irrigation benefits.

Conserve water with maximum versatility. Maxijet microsprays can be used with all Toro fixed-spray pop-up sprinklers, shrub adapters, risers and extenders — you can easily retrofit your below-grade spray systems to low-volume irrigation. And no need to worry about debris clogging or vandalism with its Top-Hat retracting design. Now, precision water conservation is simpler than ever.



- Top-Hat design allows nozzle assembly to retract into body for debris and vandal resistance
- Fits all Toro fixed-spray pop-up sprinklers, shrub adapters, risers and extenders
- Easily retrofits spray systems to low-volume irrigation
- Maxijet nozzle assemblies with pressure-compensating screens for uniform application
- Pressure-compensating modules on stake and riser assemblies available for uniform application

**Residential****Commercial****Municipal**

Toro Maxijet® Microspray Nozzle Assemblies

Maximum versatility with low-volume irrigation benefits. Toro Maxijet microsprays can be used with all Toro fixed-spray pop-up sprinklers, shrub adapters, risers and extenders to easily retrofit spray systems to low-volume irrigation. Now, precision water conservation is simpler than ever.

Features

- Ideal for ground cover, flower beds and low-water-use plants
- Fits all Toro fixed-spray pop-up sprinklers, shrub adapters, risers and extenders
- Nozzle, adapter and pressure-compensating screens are pre-assembled
- Pressure compensation provides uniform application over elevation changes and long runs
- Flush mount Top-Hat design allows the nozzle assembly to retract into the body (on pop-up models) for added debris and vandal resistance

- Low-flow rates reduce runoff in compacted soils and deep percolation in sandy soils
- Nozzles and pressure-compensating screens are color coded by flow rate for easy identification
- Three radius and flow rates:
 - 10 GPH — 4', blue
 - 15 GPH — 5', green
 - 24 GPH — 6', red
- Four nozzle patterns:
 - 90° quarter-circle
 - 180° half-circle
 - 360° full-circle
 - Center strip

Specifications

- Recommended operating range: 20-50 PSI (1,4-3,5 Bar)
- Maximum operating pressure: 50 PSI (3,5 Bar)
- Flow rate: 10-24 GPH (40-91 LPH)

Note: Specifications subject to change without notice.

For more information, contact your local Toro distributor.

570Z Series Nozzle Adapters

10 GPH Series with 0° Trajectory ●

Nozzle Radius	Pressure	GPH	Radius
MJ-4Q	20	10.5	4.5
	30	12.8	5.0
	40	14.6	5.5
MJ-4Q-PC	20-50	10.0	4.5
MJ-4H	20	10.5	4.0
	30	12.8	4.5
	40	14.6	4.5
MJ-4H-PC	20-50	10.0	4.0
MJ-4F	20	10.5	4.0
	30	12.8	5.0
	40	14.6	5.0
MJ-4F-PC	20-50	10.0	3.5
MJ-4CST	20	10.5	1.5 x 3
	30	12.8	5.5 x 3
	40	14.6	6.0 x 3.5
MJ-4CST-PC	20-50	10.0	4 x 3

15 GPH Series with 0° Trajectory ●

Nozzle Radius	Pressure	GPH	Radius
MJ-5Q	20	16.0	6.5
	30	19.9	7.0
	40	22.7	7.5
MJ-5Q-PC	20-50	15.0	5.5
MJ-5H	20	16.0	6.5
	30	19.9	7.0
	40	22.7	7.5
MJ-5H-PC	20-50	15.0	5.5
MJ-5F	20	16.0	4.5
	30	19.9	5.0
	40	22.7	5.0
MJ-5F-PC	20-50	15.0	5.0
MJ-5CST	20	16.0	4.5 x 3
	30	19.9	5.5 x 3
	40	22.7	6.5 x 3.5
MJ-5CST-PC	20-50	15.0	5 x 3

24 GPH Series with 0° Trajectory ●

Nozzle Radius	Pressure	GPH	Radius
MJ-6Q	20	23.5	7.0
	30	29.1	8.0
	40	31.6	8.5
MJ-6Q-PC	20-50	24.0	6.5
MJ-6H	20	23.5	5.0
	30	29.1	5.5
	40	31.6	6.0
MJ-6H-PC	20-50	24.0	5.5
MJ-6F	20	23.5	5.0
	30	29.1	6.5
	40	31.6	7.5
MJ-6F-PC	20-50	24.0	5.5
MJ-6CST	20	23.5	5.5 x 3
	30	29.1	6.5 x 3.5
	40	31.6	7.0 x 3.5
MJ-6CST-PC	20-50	24.0	6 x 3



Fixed-spray Maxijet microspray nozzle assemblies

Specifying Information — Microspray Nozzle Assemblies

	MJ	X	XXX
Description	Radius	Arc	
MJ—Maxijet Microspray Nozzle Assemblies	4—4' 5—5' 6—6'	Q—90° H—180°	F—360° CST—Center Strip
For Example: When specifying a 4' radius Maxijet Microspray Nozzle Assembly with a 180° arc, you would specify:			
MJ-4H			

Toro Microspray Nozzles, Stakes and Riser Assemblies

A cost-effective approach to traditional low-volume irrigation. Toro Maxijet microspray nozzles can be used with Toro's stake and riser assemblies.



Riser with pre-installed threaded adapter



Stake assembly with nozzle and pressure-compensating module

Features

- Ideal for ground cover, flowerbeds, and low-water-use plants
- Black nozzles used with color-coded pressure-compensating modules (available separately) provide low-flow rates to reduce runoff in compacted soils and deep percolation in sandy soils
- Stake assembly (Part No. MJ-STAKE) includes:
 - 12" (300mm) stake
 - 2' (0,6m) vinyl tubing
 - Pre-installed flow control microvalve
- Risers include a pre-installed thread adapter in two heights:
 - 8" (200mm) (Part No. MJ-R8-T)
 - 12" (300mm) (Part No. MJ-R12-T)
- Four nozzle patterns:
 - 90° quarter-circle (Part No. MJ-Q)
 - 180° half-circle (Part No. MJ-H)
 - 360° full-circle (Part No. MJ-F)
 - Center strip (Part No. MJ-CST)



Full- and part-circle black nozzles

Specifications

- Recommended operating pressure: 20-50 PSI (1,4-3,5 Bar)
- Maximum operating pressure: 50 PSI (3,5 Bar)
- Nozzle flow rate (without PC module): 24 GPH (91 LPH)

Note: Specifications subject to change without notice.

For more information, contact your local Toro distributor.



Riser with nozzle and 15 GPH (green) module

Riser with nozzle and 24 GPH (red) module

Specifying Information — Microspray Nozzles, Stakes & Riser Assemblies

Model Number	Description
MJ-STAKE	Stake Assembly w/Flow Control Valve
MJ-R8-T	8" Microspray Riser w/Threaded Adapter
MJ-R12-T	12" Microspray Riser w/Threaded Adapter
MJ-Q	90° Fan Nozzle for use w/Stakes and Risers Only (Black)
MJ-H	180° Fan Nozzle for use w/Stakes and Risers Only (Black)
MJ-F	360° Fan Nozzle for use w/Stakes and Risers Only (Black)
MJ-CST	Center Strip Fan Nozzle for use w/Stakes and Risers Only (Black)

Toro Microspray Nozzle Pressure-Compensating Modules and Accessories

Toro Maxijet microspray pressure-compensating modules provide uniform water application over elevation changes and long runs.



Pressure-compensating modules

Pressure-Compensating Modules

- Stake or riser black nozzles used with color-coded, pressure-compensating devices provide low-flow rates to reduce runoff in compacted soils and deep percolation in sandy soils
- Color coded by flow rate for easy identification
- Ideal for customizing water use for varying plant material

- Six flow rates:
 - 6.5 GPH (25 LPH), gray (Part No. MJ-6PC)
 - 9.5 GPH (36 LPH), orange (Part No. MJ-9PC)
 - 11 GPH (42 LPH), blue (Part No. MJ-11PC)
 - 17 GPH (64 LPH), green (Part No. MJ-17PC)
 - 21 GPH (80 LPH), yellow (Part No. MJ-21PC)
 - 25 GPH (95 LPH), red (Part No. MJ-25PC)

Accessories

- Microvalves:
 - 1/2" Thread x Thread (Part No. MJ-FCV-TT)
 - 1/4" Barb x Barb (Part No. MJ-FCV-BB)
- Pro-punch tool (Part No. MJ-TOOL)



Pro-punch tool

Specifications

- Recommended operating pressure range: 20-50 PSI (1,4-3,5 Bar)
- Maximum operating pressure: 50 PSI (3,5 Bar)

Note: Specifications subject to change without notice.

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Microvalve

Stake Assembly and Riser

Black Nozzles with Pressure-Compensating Modules

Nozzle Radius	Pressure	GPH	Radius	Nozzle Radius	Pressure	GPH	Radius	Nozzle Radius	Pressure	GPH	Radius	Nozzle Radius	Pressure	GPH	Radius
MJ-Q	20	24.0	6.5	MJ-H	20	24.0	6.0	MJ-F	20	24.0	6.0	MJ-CST	20	24.0	6 x 3
MJ-Q-6.5PC	20-50	6.5	3.0	MJ-H-6.5PC	20-50	6.5	3.0	MJ-F-6.5PC	20-50	6.5	1.5	MJ-CST-6.5PC	20-50	6.5	2.5 x 1.5
MJ-Q-9.5PC	20-50	9.5	3.5	MJ-H-9.5PC	20-50	9.5	3.5	MJ-F-9.5PC	20-50	9.5	2.0	MJ-CST-9.5PC	20-50	9.5	2.5 x 2.0
MJ-Q-11PC	20-50	11.0	4.0	MJ-H-11PC	20-50	11.0	4.0	MJ-F-11PC	20-50	11.0	3.0	MJ-CST-11PC	20-50	11.0	3 x 2
MJ-Q-17PC	20-60	17.0	5.5	MJ-H-17PC	20-60	17.0	4.5	MJ-F-17PC	20-60	17.0	4.0	MJ-CST-17PC	20-60	17.0	4.5 x 3
MJ-Q-21PC	20-50	21.0	6.2	MJ-H-21PC	20-50	21.0	5.0	MJ-F-21PC	20-50	21.0	5.0	MJ-CST-21PC	20-50	21.0	5 x 3
MJ-Q-25PC	20-50	25.0	6.5	MJ-H-25PC	20-50	25.0	5.5	MJ-F-25PC	20-50	25.0	5.5	MJ-CST-25PC	20-50	25.0	6 x 3

Radius shown in feet.

All performance specifications are based on the stated working pressure available at the base of the sprinkler head. The performance of the pressure compensation option is shown in shaded area.

Specifying Information — Microspray Pressure-Compensating Modules

<div> <div>MJ</div> <div>XX</div> <div>PC</div> </div>			
Description	Gallage		Pressure Compensation
MJ—Maxijet Microspray PC Modules	6—6.5 GPH 9—9.5 GPH 11—11 GPH	17—17 GPH 21—21 GPH 25—25 GPH	PC—Pressure-Compensating
For Example: When specifying a Pressure-Compensating Maxijet Module with 6.5 GPH, you would specify: <div>MJ-6PC</div>			

Specifying Information — Microspray Accessories

Model Number	Description
MJ-FCV-BB	Microvalve w/Flow Control, Barb x Barb
MJ-FCV-TT	Microvalve w/Flow Control, Thread x Thread



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