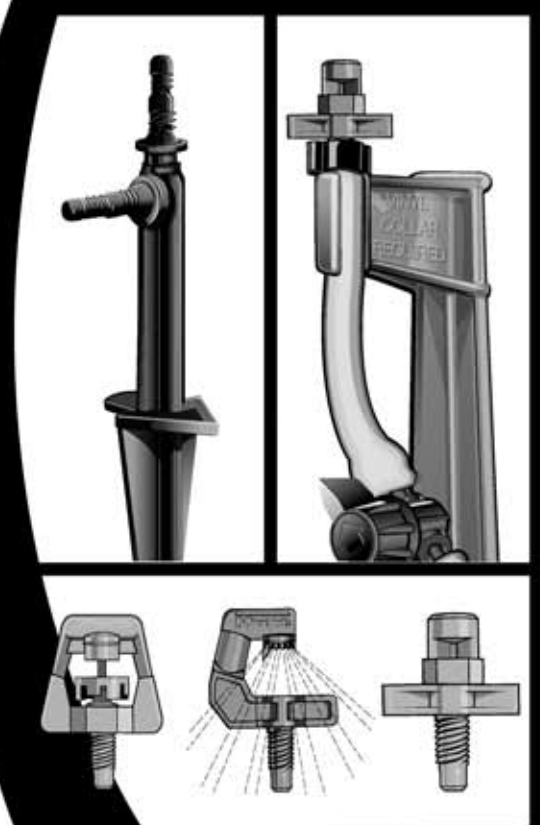
MAXIJET®

The Standard of Quality in Low-Volume Irrigation

Conserving Water for Generations to Come. . . . . .

CONSERVES WATER

Low-Volume Irrigation Products Guide



Ag, Nursery, and Landscape

Made IN THE USA

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ONE PIECE JETS SPECIFICATIONS

			Max-14 Fill In Stream 360 x 14	Max-14 Stream 360 x 14	Max-One Fan 360	AG Syle One Pc. 280	AG Syle One Pc. 120	Winged One Pc. 340	Winged One Pc. 180	Winged One Pc. 90	Winged CST 2 x 20
Angle of Trajectory			+ 15°	+ 18°	0°	+ 14°	+ 14	0°	0°	0°	0°
One Piece ORIFICE SIZE	PSI	GPH	DIA. FT.	DIA. FT.	DIA. FT.	DIA. FT.	R. FT.	DIA. FT.	R. FT.	R. FT.	R. FT.
Black .03"	15	4.9	9.0	9.5	5.0	4.5	3.5				
	20	**5.6**	**9.5**	**10.5**	**5.2**	**5.0**	**3.5**				
	25	6.3	10.5	11.5	5.6	5.5	4.0				
	30	6.9	11.5	12.5	5.8	6.5	4.0				
Orange .033"	15	6.7	9.5	12.5	5.6						
	20	**7.7**	**10.0**	**13.0**	**5.8**						
	25	8.6	11.0	14.5	6.0						
	30	9.4	12.5	15.5	6.2						
Blue .04"	15	8.9	10.5	15.0	6.2	8.0	5.0	5.0	4.5	4.0	2.5 x 3.5
	20	**10.5**	**11.5**	**16.0**	**6.4**	**9.0**	**5.5**	**6.0**	**4.5**	**4.5**	**3.0 x 5.0**
	25	11.8	12.5	17.5	6.6	9.5	6.0	6.5	5.0	5.0	3.0 x 5.5
	30	12.8	13.5	19.0	6.8	11.0	6.5	7.0	5.5	5.5	3.0 x 6.5
Violet .044"	15	11.5	12.0	17.5	6.6						
	20	**13.5**	**13.5**	**19.0**	**6.8**						
	25	15.0	14.5	21.0	7.4						
	30	16.5	15.5	22.5	7.8						
Green .05"	15	14.0	12.5	18.5	7.0	9.0	7.5	6.0	4.5	5.5	2.0 x 4.5
	20	**16.0**	**14.0**	**20.5**	**7.4**	**9.5**	**8.0**	**7.0**	**5.5**	**5.5**	**2.5 x 5.0**
	25	18.0	15.0	22.5	7.8	10.0	8.5	7.5	5.5	6.0	2.5 x 6.0
	30	19.9	16.5	24.5	8.2	12.0	9.0	8.0	5.5	6.5	3.0 x 6.5
Yellow .055"	15	17.1	14.5	19.0	7.4						
	20	**19.8**	**15.5**	**21.0**	**7.8**						
	25	22.2	17.0	24.0	8.0						
	30	24.4	18.0	26.5	8.4						
Red .06"	15	20.2	15.0	22.0	7.8	13.0	8.0	7.0	5.0	6.0	2.0 x 5.5
	20	**23.5**	**16.5**	**24.0**	**8.0**	**14.5**	**8.5**	**8.0**	**5.0**	**6.0**	**2.5 x 6.0**
	25	26.5	18.0	26.5	8.4	15.5	9.0	8.5	5.5	6.5	2.5 x 6.5
	30	29.1	19.5	29.5	8.6	17.0	9.5	9.0	5.5	7.0	3.0 x 7.0
White .07"	15	32.1	21.0	25.0	8.0						
	20	**37.1**	**22.5**	**28.0**	**8.4**						
	25	41.8	24.0	30.5	8.8						
	30	46.1	25.5	33.5	9.0						

TWO PIECE JETS SPECIFICATIONS

			Deflector Two Pc. 360 x 14	Cap Two Pc. 360 x 12	Cap Two Pc. 360 x 15	Deflector Two Pc. 300 x 12	Dfl. or Cap Two Pc. 280	Cap Two Pc. 270	Dfl. or Cap Two Pc. 180 x 8	Dfl. or Cap Two Pc. 180	Dfl. or Cap Two Pc. 90	Dfl. or Cap Two Pc. 2 x 20	Dfl. or Cap Two Pc. 30
Angle of Trajectory			18°	18°	18°	18°	18°	18°	18°	0° / 18°	0° / 18°	0° / 18°	0° / 18°
One Piece ORIFICE SIZE	PSI	GPH	DIA. FT.	DIA. FT.	DIA. FT.	DIA. FT.	DIA. FT.	DIA. FT.	R. FT.	R. FT.	R. FT.	DIA. FT.	R. FT.
Black .03"	15	4.9	11.0	10.0	9.0	10.0	10.0	10.5	4.0	5.0	6.5	8.0	3.0
	20	**5.6**	**12.0**	**11.0**	**10.0**	**12.0**	**12.0**	**11.5**	**4.5**	**6.0**	**7.5**	**10.0**	**4.0**
	25	6.3	12.5	11.5	11.0	12.5	13.0	13.5	5.0	7.0	8.0	11.0	6.0
	30	6.9	13.0	12.0	11.5	13.0	13.5	14.0	6.0	7.5	8.5	12.0	8.0
Orange .033"	15	6.7	13.2	12.2	11.5	13.0	11.2	11.7	4.7	5.5	6.7	10.0	4.2
	20	**7.7**	**14.2**	**13.2**	**12.5**	**14.2**	**12.5**	**12.5**	**5.5**	**6.2**	**7.5**	**12.0**	**5.5**
	25	8.6	14.7	13.7	13.5	14.5	14.0	14.5	6.0	7.2	8.0	14.0	7.0
	30	9.4	15.5	14.5	14.2	15.0	14.7	15.0	7.0	8.0	8.5	15.0	8.5
Blue .04"	15	8.9	15.5	14.5	14.0	12.0	12.5	13.0	5.5	6.0	7.0	13.0	5.5
	20	**10.5**	**16.5**	**15.5**	**15.0**	**16.0**	**13.0**	**13.5**	**6.5**	**6.5**	**7.5**	**14.0**	**7.0**
	25	11.8	17.0	16.0	16.0	17.0	15.0	15.5	7.0	7.5	8.0	17.0	8.0
	30	12.8	18.0	17.0	17.0	18.0	16.0	16.0	8.0	8.5	9.5	18.0	9.0
Violet .044"	15	11.5	16.0	15.0	15.5	13.0	13.0	13.5	6.5	6.5	7.5	16.0	7.5
	20	**13.5**	**18.0**	**17.0**	**17.0**	**16.5**	**14.0**	**15.0**	**7.0**	**7.0**	**8.0**	**17.0**	**8.5**
	25	15.0	19.0	18.0	18.0	18.0	16.0	17.0	8.0	7.5	8.5	19.0	9.5
	30	16.5	20.0	19.0	19.0	19.0	17.0	17.5	9.0	8.0	9.0	21.0	10.5
Green .05"	15	14.0	16.0	15.0	16.0	14.0	14.0	14.5	7.5	7.0	8.0	14.0	8.0
	20	**16.0**	**19.0**	**18.0**	**16.5**	**17.0**	**16.0**	**16.0**	**8.0**	**7.5**	**8.5**	**18.0**	**9.0**
	25	18.0	20.0	19.0	19.0	19.0	18.0	18.0	9.0	8.0	9.0	20.0	10.0
	30	19.9	21.0	20.0	20.0	20.0	19.0	18.5	10.0	9.0	10.0	22.0	11.0
Yellow .055"	15	17.1	20.0	19.0	21.0	19.0	17.0	16.5	7.5	8.5	6.5	17.0	10.5
	20	**19.8**	**22.0**	**21.5**	**23.0**	**21.5**	**17.5**	**17.0**	**8.5**	**9.0**	**7.5**	**21.0**	**12.5**
	25	22.2	24.0	23.5	24.0	23.5	19.0	18.0	9.5	10.0	8.5	23.0	13.5
	30	24.4	26.0	25.5	26.0	25.5	21.0	19.0	10.5	11.0	9.5	25.0	14.5
Red .06"	15	20.2	21.0	20.0	22.0	19.0	17.0	17.0	7.5	9.0	7.0	18.0	11.0
	20	**23.5**	**23.0**	**22.0**	**24.0**	**22.0**	**18.5**	**18.0**	**9.0**	**9.5**	**8.0**	**22.0**	**13.0**
	25	26.5	25.0	24.0	25.0	24.0	20.0	19.0	10.0	10.5	9.0	24.0	14.0
	30	29.1	27.0	26.0	27.0	26.0	22.0	20.0	11.0	11.5	10.0	26.0	15.0
White .07"	15	32.1	25.0	24.0	24.0	22.0	19.0	20.0	9.0	10.0	9.0	22.0	14.0
	20	**37.1**	**27.0**	**26.0**	**26.0**	**26.0**	**22.0**	**22.5**	**10.0**	**11.0**	**10.0**	**24.0**	**16.0**
	25	41.8	32.0	31.0	28.0	28.0	25.0	25.0	11.0	11.5	11.0	27.5	17.0
	30	46.1	33.0	32.0	29.0	30.0	26.0	26.0	11.5	12.0	12.0	28.0	18.0

SPECS FOR TOP-HAT JETS® WITH MAXIJET P.C. FLOW CONTROLLED ADAPTERS®

Maxijet Pop Up Sprayer Adapters®

1/2" PVC Shrub Adapter
Any Maxijet Jet can be used with this PVC Adapter.

Toro® Rainbird®

	FAN	FAN	FAN	FAN	SPINNER
Models	2 x 20°	90°	180°	340°	360°

It is recommended that you use only Top-Hat Jets with Maxijet Pop Up Sprayer Adapters®

	0°						
Trajectory			0°	0°	0°	0°	0°
Size	**GPH**	**PSI**	**R**	**R**	**R**	**R**	**D**
Red	24	20-50	6' x 3'	6.5'	5.5'	4.5'	11'
Green	15	20-50	5' x 3'	5.5'	5'	4'	10'
Blue	10	20-50	4' x 3'	4.5'	4'	3'	8'

Top-Hat Jets

For Pop Up and PVC Adapters it is recommended that you match the color of the Jet With the color of the Flow Control screens.

The above specs are tested with Maxijet's Max-Flo™ P.C. Flow-Control Adapters.

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MICRO-SPRINKLERS /SPINNERS With Flow Control Adapters

SMALL SPINNER	LARGE SPINNER
360° x 8	360° x 2

Orifice Color	Orifice Size	GPH	PSI	0° D	0° D
Red	.06"	23.5	20		16.5'
Green L	.05"	16.0	20		16'
Green S	.044"	13.5	20	6' - 8'	
Blue	.04"	10.5	20		14'

Spinners

FLEXIBLE VINYL FLOW PSI LOSS SPECIFICATIONS*

JET ORIFICE SIZE	PSI	NORMAL DISCHARGE FLOW	LOSS .145 / .150 ID 36" Vinyl		LOSS .145 / .150 ID 48" Vinyl		LOSS .145 / .150 ID 60" Vinyl		LOSS .145 / .150 ID 72" Vinyl	
Black .03"	20 PSI	5.6 GPH	*	*	*	*	*	*	*	*
Orange .033"	20 PSI	7.7 GPH	*	*	*	*	*	*	*	*
Blue .04"	20 PSI	10.5 GPH	*	0.6 PSI	0.21 GPH	0.81 PSI	0.31 GPH	1.0 PSI	0.31 GPH	1.21 PSI
Violet .044"	20 PSI	13.5 GPH	0.31 GPH	0.91 PSI	0.48 GPH	1.22 PSI	0.63 GPH	1.52 PSI	0.63 GPH	1.83 PSI
Green .05"	20 PSI	16.0 GPH	0.63 GPH	1.26 PSI	0.95 GPH	1.71 PSI	0.95 GPH	2.13 PSI	1.27 GPH	2.56 PSI
Yellow .055"	20 PSI	19.8 GPH	0.95 GPH	1.86 PSI	1.58 GPH	2.47 PSI	1.90 GPH	3.09 PSI	1.90 GPH	3.71 PSI
Red .06"	20 PSI	23.5 GPH	1.27 GPH	2.65 PSI	2.53 GPH	3.53 PSI	2.85 GPH	4.42 PSI	3.48 GPH	5.3 PSI