

*Always verify tips or orifices you received are the size which you require before using with chemical. Chemical rates need to be obtained from your chemical dealer.

XP BoomJet®

Typical Applications:

- Boomless field spray applications.
- Roadside and right-of-way applications.
- End row spraying.
- Orchard spraying.
- De-icing applications.
- Forestry.

How to order:

Specify part number.

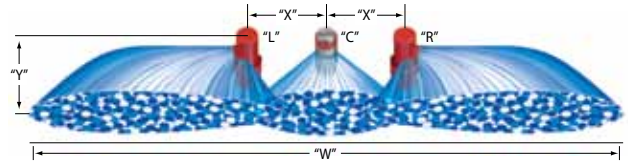
Example:
1/4XP10L-VP



Boomless Flat Spray Nozzles Features:

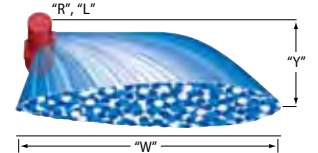
- Unique orifice geometry produces a wide spray pattern while maintaining superior distribution across entire width.
- Pre-orifice design minimizes drift.
- Extra wide spray pattern - up to 18.5' - using a single nozzle.
- Removable polymer pre-orifice.
- Acetal or stainless steel construction for excellent chemical resistance.
- Recommended spray pressure range: 20-60 PSI.
- 10 capacity only available in VP

XP BOOMJET	
PART NO.	LIST PRICE
1/4XP-##-VP.....	\$66.72
1/2XP-##-VP.....	\$79.47
CENTER NOZZLE	
1/4TTJ-##-VP.....	\$11.75
1/4TTJ-##-VS.....	\$22.72
## - Specify Tip Size	
VP - Celcon w/ SS Vane & VisiFlo® Color Coding	
VS - Stainless Steel w/ VisiFlo® Color Coding	
ADAPTER CAP-90° Cap w/ 1/4" FPT	
QJ4676-90-1/4NYR.....	\$5.95



NOZZLE	CENTER NOZZLE "C"	PSI	DROP SIZE	CAPACITY THREE NOZZLES IN GPM	NOZZLE SPACING "X" = 20"																					
					SPRAY WIDTH "W" (FEET)		HEIGHT "Y" = 24"										HEIGHT "Y" = 36"									
					24" HEIGHT	36" HEIGHT	GPA FOR THREE NOZZLES					GALLONS PER 1000 SQ. FT.					GPA FOR THREE NOZZLES					GALLONS PER 1000 SQ. FT.				
					4 MPH	6 MPH	8 MPH	10 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH	4 MPH	6 MPH	8 MPH	10 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH		
(B)1/4XP10R (B)1/4XP10L	1/4TTJ08	30	UC	2.43	23.3	25.3	12.9	8.6	6.5	5.2	3.4	2.6	0.59	0.39	0.30	0.24	11.9	7.9	5.9	4.8	3.2	2.4	0.54	0.36	0.27	0.22
		40	UC	2.80	25.3	28.3	13.7	9.1	6.8	5.5	3.7	2.7	0.63	0.42	0.31	0.25	12.2	8.2	6.1	4.9	3.3	2.4	0.56	0.37	0.28	0.22
		50	UC	3.13	28.3	30.3	13.7	9.1	6.8	5.5	3.6	2.7	0.63	0.42	0.31	0.25	12.8	8.5	6.4	5.1	3.4	2.6	0.59	0.39	0.29	0.23
		60	UC	3.42	29.3	32.3	14.4	9.6	7.2	5.8	3.9	2.9	0.66	0.44	0.33	0.26	13.1	8.7	6.6	5.2	3.5	2.6	0.60	0.40	0.30	0.24
(B)1/4XP20R (B)1/4XP20L	1/4TTJ08	30	UC	4.19	26.3	27.3	19.7	13.1	9.9	7.9	5.3	3.9	0.90	0.60	0.45	0.36	19.0	12.7	9.5	7.6	5.1	3.8	0.87	0.58	0.43	0.35
		40	UC	4.80	30.3	31.3	19.6	13.1	9.8	7.8	5.2	3.9	0.90	0.60	0.45	0.36	19.0	12.7	9.5	7.6	5.1	3.8	0.87	0.58	0.43	0.35
		50	UC	5.39	32.3	33.3	21	13.8	10.3	8.3	5.5	4.1	0.95	0.63	0.47	0.38	20	13.4	10.0	8.0	5.3	4.0	0.92	0.61	0.46	0.37
		60	UC	5.98	33.3	35.3	22	14.8	11.1	8.9	5.9	4.4	1.0	0.68	0.51	0.41	21	14.0	10.5	8.4	5.6	4.2	0.96	0.64	0.48	0.38
(B)1/4XP25R (B)1/4XP25L	1/4TTJ10	30	UC	5.13	27.3	30.3	23	15.5	11.6	9.3	6.2	4.7	1.1	0.71	0.53	0.43	21	14.0	10.5	8.4	5.6	4.2	0.96	0.64	0.48	0.38
		40	UC	6.00	30.3	32.3	25	16.3	12.3	9.8	6.5	4.9	1.1	0.75	0.56	0.45	23	15.3	11.5	9.2	6.1	4.6	1.1	0.70	0.53	0.42
		50	UC	6.62	32.3	33.3	25	16.9	12.7	10.1	6.8	5.1	1.2	0.77	0.58	0.46	25	16.4	12.3	9.8	6.6	4.9	1.1	0.75	0.56	0.45
		60	UC	7.22	33.3	35.3	27	17.9	13.4	10.7	7.2	5.4	1.2	0.82	0.61	0.49	25	16.9	12.7	10.1	6.7	5.1	1.2	0.77	0.58	0.46
(B)1/2XP40R (B)1/2XP40L	1/4TTJ15	30	UC	8.36	29.3	32.3	35	24	17.7	14.1	9.4	7.1	1.6	1.1	0.81	0.65	32	21	16.0	12.8	8.5	6.4	1.5	0.98	0.73	0.59
		40	UC	9.50	31.3	34.3	38	25	18.8	15.0	10.0	7.5	1.7	1.1	0.86	0.69	34	23	17.1	13.7	9.1	6.9	1.6	1.0	0.78	0.63
		50	UC	10.8	33.3	35.3	40	27	20	16.1	10.7	8.0	1.8	1.2	0.92	0.74	38	25	18.9	15.1	10.1	7.6	1.7	1.2	0.87	0.69
		60	UC	11.8	35.3	38.3	41	28	21	16.5	11.0	8.3	1.9	1.3	0.95	0.76	38	25	19.1	15.3	10.2	7.6	1.7	1.2	0.87	0.70

For lower chart only, application rates are identical for a two-tip setup. Swath width and flow capacity will be doubled for a two-tip setup.



NOZZLE	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	SPRAY WIDTH "W" (FEET)		HEIGHT "Y" = 24"										HEIGHT "Y" = 36"									
				24" HEIGHT	36" HEIGHT	GPA FOR ONE NOZZLE					GALLONS PER 1000 SQ. FT.					GPA FOR ONE NOZZLE					GALLONS PER 1000 SQ. FT.				
				4 MPH	6 MPH	8 MPH	10 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH	4 MPH	6 MPH	8 MPH	10 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH		
				(B)1/4XP10R (B)1/4XP10L	20 30 40 50 60	UC UC UC UC UC	0.71 0.87 1.00 1.12 1.22	8.5 10.0 11.0 12.5 13.0	10.0 11.0 12.5 13.5 14.5	10.3 10.8 11.3 11.7 11.6	6.9 7.2 7.5 7.4 7.7	5.2 5.4 5.6 5.5 5.8	4.1 4.3 4.5 4.4 4.6	2.8 2.9 3.0 3.0 3.1	2.1 2.2 2.3 2.2 2.3	0.47 0.49 0.52 0.51 0.53	0.32 0.33 0.34 0.34 0.35	0.24 0.25 0.26 0.25 0.27	0.19 0.20 0.21 0.20 0.21	10.3 9.9 10.3 10.3 10.4	6.8 6.6 6.9 6.8 6.9	5.1 4.9 5.1 5.1 5.2	4.1 4.0 4.2 4.1 4.2	2.7 2.6 2.7 2.7 2.8	2.1 2.0 2.1 2.1 2.1
(B)1/4XP20R (B)1/4XP20L	20 30 40 50 60	UC UC UC UC UC	1.42 1.75 2.00 2.25 2.50	9.0 11.5 12.0 13.0 14.5	11.0 12.0 14.0 15.0 16.0	19.5 18.8 18.3 19.2 21	13.0 12.6 12.2 12.8 13.8	9.8 9.4 9.2 9.6 10.3	7.8 7.5 7.3 7.7 8.3	5.2 5.0 4.9 5.1 5.5	3.9 3.8 3.7 3.8 4.1	0.89 0.86 0.84 0.88 0.94	0.60 0.57 0.56 0.59 0.63	0.45 0.43 0.42 0.44 0.47	0.36 0.34 0.34 0.35 0.38	16.0 18.0 17.7 18.6 19.3	10.7 12.0 11.8 12.4 12.9	8.0 9.0 8.8 9.3 9.7	6.4 7.2 7.1 7.4 7.7	4.3 4.8 4.7 5.0 5.2	3.2 3.6 3.5 3.7 3.9	0.73 0.83 0.81 0.85 0.89	0.49 0.55 0.54 0.57 0.59	0.37 0.41 0.40 0.43 0.44	0.29 0.33 0.32 0.34 0.35
(B)1/4XP25R (B)1/4XP25L	20 30 40 50 60	UC UC UC UC UC	1.74 2.13 2.50 2.75 3.00	10.5 12.0 13.5 14.5 15.0	11.0 13.5 14.5 15.0 16.0	21 22 23 23 25	13.7 14.6 15.3 15.6 16.5	10.3 11.0 11.5 11.7 12.4	8.2 8.8 9.2 9.4 9.9	5.5 5.9 6.1 6.3 6.6	4.1 4.4 4.6 4.7 5.0	0.94 1.0 1.0 1.1 1.1	0.63 0.67 0.70 0.72 0.76	0.47 0.50 0.52 0.54 0.57	0.38 0.40 0.42 0.43 0.45	19.6 19.5 21 23 23	13.1 13.0 14.2 15.1 15.5	9.8 9.8 10.7 11.3 11.6	7.8 8.2 8.5 9.1 9.3	5.2 5.2 5.7 6.1 6.2	3.9 3.9 3.9 4.5 4.6	0.90 0.89 0.98 1.0 1.0	0.60 0.60 0.65 0.69 0.71	0.45 0.45 0.49 0.52 0.53	0.36 0.36 0.39 0.42 0.43
(B)1/2XP40R (B)1/2XP40L	20 30 40 50 60	UC UC UC UC UC	2.87 3.53 4.00 4.55 5.00	11.0 13.0 14.0 15.0 16.0	12.0 14.5 15.5 16.0 17.5	32 34 35 38 39	16.1 16.8 17.7 18.8 19.3	12.9 13.4 14.1 15.0 15.5	8.6 9.0 9.4 10.0 10.3	6.5 6.7 7.1 7.5 7.7	1.5 1.5 1.6 1.7 1.8	0.99 1.0 1.1 1.1 1.2	0.74 0.77 0.81 0.86 0.89	0.59 0.62 0.65 0.69 0.71	0.30 0.30 0.32 0.35 0.35	30 30 31 35 35	19.7 20 21 23 24	14.8 15.1 16.0 17.6 17.7	11.8 12.1 12.8 14.1 14.1	7.9 8.0 8.5 9.4 9.4	5.9 6.0 6.4 7.0 7.1	1.4 1.4 1.5 1.6 1.6	0.90 0.92 0.97 1.1 1.1	0.68 0.69 0.73 0.81 0.81	0.54 0.55 0.58 0.64 0.65
(B)1/2XP80R (B)1/2XP80L	20 30 40 50 60	UC UC UC UC UC	5.60 6.83 8.00 8.73 9.60	13.0 15.0 16.0 17.5 18.5	15.5 16.5 17.5 18.0 18.5	53 56 62 65 68	36 38 41 44 45	27 28 31 33 34	21 23 25 26 27	14.2 15.0 16.5 17.5 18.1	10.7 11.3 12.4 13.0 13.6	2.4 2.6 2.8 3.0 3.1	1.6 1.7 1.9 2.0 2.1	1.2 1.3 1.4 1.5 1.6	0.98 1.0 1.1 1.2 1.2	45 51 57 60 64	30 34 38 40 43	22 26 28 30 32	17.9 20 23 24 26	11.9 13.2 15.1 16.0 17.1	8.9 10.2 11.3 12.0 12.8	2.0 2.3 2.6 2.7 2.9	1.4 1.6 1.7 1.8 2.0	1.0 1.2 1.3 1.4 1.5	0.82 0.94 1.0 1.1 1.2