

XP BoomJet: Boomless Flat Spray Nozzle

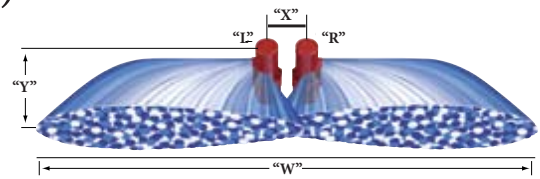
Features:

- 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 feet (5.5 meters)-using a single nozzle.
- Color coding for easy capacity identification.
- Removable polymer pre-orifice.
- Acetal or stainless steel construction for excellent chemical resistance.
- Recommended spray pressure range: 20-60 PSI (1.5-4 bar).
- NPT or BSPT (male) threads for easy installation.

Typical Applications:

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

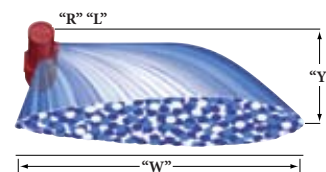
(Two Nozzles)



"R", "L"	PSI	DROP SIZE	CAPACITY TWO NOZZLE IN GPM	SPRAY WIDTH "W" (FEET)		NOZZLE SPACING "X"=0-3"										NOZZLE SPACING "X"=0-3"									
						GPA FOR TWO NOZZLES					GALLONS PER 1000 SQ. FT.					GPA FOR TWO 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	20	XC	1.42	17.0	20.0	10.3	6.9	5.2	4.1	2.8	2.1	0.47	0.32	0.24	0.19	8.8	5.9	4.4	3.5	1.8	1.8	0.40	0.27	0.20	0.16
	30	XC	1.74	20.0	22.0	10.8	7.2	5.4	4.3	2.9	2.2	0.49	0.33	0.25	0.20	9.8	6.5	4.9	3.9	2.0	2.0	0.45	0.30	0.22	0.18
	40	XC	2.00	22.0	25.0	11.3	7.5	5.6	4.5	3.0	2.3	0.52	0.34	0.26	0.21	9.9	6.6	5.0	4.0	2.0	2.0	1.45	0.30	0.23	0.18
	50	XC	2.24	25.0	27.0	11.1	7.4	5.5	4.4	3.0	2.2	0.51	0.34	0.25	0.20	10.3	6.8	5.1	4.1	2.1	2.1	0.47	0.31	.024	0.19
	60	XC	2.44	26.0	29.0	11.6	7.7	5.8	4.6	3.1	2.3	0.53	0.35	0.27	0.21	10.4	6.9	5.2	4.2	2.1	2.1	0.48	0.32	0.24	0.19
(B)1/4XP20R (B)1/4XP20L	20	XC	2.84	18.0	22.0	19.5	13.0	9.8	7.8	5.2	3.9	0.89	0.60	0.45	0.36	16.0	10.7	8.0	6.4	3.2	3.2	0.73	0.49	0.37	0.29
	30	XC	3.50	23.0	24.0	18.8	12.6	9.4	7.5	5.0	3.8	0.86	0.57	0.43	0.34	18.0	12.0	9.0	7.2	3.6	3.6	0.83	0.55	0.41	0.33
	40	XC	4.00	27.0	28.0	18.3	12.2	9.2	7.3	4.9	3.7	0.84	0.56	0.42	0.34	17.7	11.8	8.8	7.1	3.5	3.5	0.81	0.54	0.40	0.32
	50	XC	4.50	29.0	30.0	19.2	12.8	9.6	7.7	5.1	3.8	0.88	0.59	0.44	0.35	18.6	12.4	9.3	7.4	3.7	3.7	0.85	0.57	0.43	0.34
	60	XC	5.00	30.0	32.0	21	13.8	10.3	8.3	5.5	4.1	0.94	0.63	0.47	0.38	19.3	12.9	9.7	7.7	3.9	3.9	0.89	0.59	0.44	0.5
(B)1/4XP25R (B)1/4XP25L	20	XC	3.48	21.0	22.0	21	13.7	10.3	8.2	5.5	4.1	0.94	0.63	0.47	0.38	19.6	13.1	9.8	7.8	3.9	3.9	0.90	0.60	0.45	0.6
	30	XC	4.26	24.0	27.0	22	14.6	11.0	8.8	5.9	4.4	1.0	0.67	0.50	0.40	19.5	13.0	9.8	7.8	3.9	3.9	0.89	0.60	0.45	0.36
	40	XC	5.00	27.0	29.0	23	15.3	11.5	9.2	6.1	4.6	1.0	0.70	0.52	0.42	21	14.2	10.7	8.5	4.3	4.3	0.98	0.65	0.49	0.39
	50	XC	5.50	29.0	30.0	23	15.6	11.7	9.4	6.3	4.7	1.1	0.72	0.54	0.43	23	15.1	11.3	9.1	4.5	4.5	1.0	0.69	0.52	0.42
	60	XC	6.00	30.0	32.0	25	16.5	12.4	9.9	6.6	5.0	1.1	0.76	0.57	0.45	23	15.5	11.6	9.3	4.6	4.6	1.1	0.71	0.53	0.43
(B)1/2XP40R (B)1/2XP40L	20	XC	5.74	22.0	24.0	32	22	16.1	12.9	8.6	6.5	1.5	0.99	0.74	0.59	30	19.7	14.8	11.8	5.9	5.9	1.4	0.90	0.68	0.54
	30	XC	7.06	26.0	29.0	34	22	16.8	13.4	9.0	6.7	1.5	1.0	0.77	0.62	30	20	15.1	12.1	6.0	6.0	1.4	0.92	0.69	0.55
	40	XC	8.00	28.0	31.0	35	24	17.7	14.1	9.4	7.1	1.6	1.1	0.81	0.65	32	21	16.0	12.8	6.4	6.4	1.5	0.97	0.73	0.58
	50	XC	9.10	30.0	32.0	38	25	18.8	15.0	10.0	7.5	1.7	1.1	0.86	0.69	35	23	17.6	14.1	7.0	7.0	1.6	1.1	0.81	0.64
	60	XC	10.0	32.0	35.0	39	26	19.3	15.5	10.3	7.7	1.8	1.2	0.89	0.71	35	24	17.7	14.1	7.1	7.1	1.6	1.1	0.81	0.65
(B)1/2XP80R (B)1/2XP80L	20	XC	11.2	26.0	31.0	53	36	27	21	14.2	10.7	2.4	1.6	1.2	0.98	45	30	22	17.9	8.9	8.9	2.0	1.4	1.0	0.82
	30	XC	13.7	30.0	33.0	57	38	28	23	15.1	11.3	2.6	1.7	1.3	1.0	51	34	26	21	10.3	10.3	2.4	1.6	1.2	0.94
	40	XC	16.0	32.0	35.0	62	41	31	25	16.5	12.4	2.8	1.9	1.4	1.1	57	38	28	23	11.3	11.3	2.6	1.7	1.3	1.0
	50	XC	17.5	33.0	36.0	66	44	33	26	17.5	13.1	3.0	2.0	1.5	1.2	60	40	30	24	12.0	12.0	2.8	1.8	1.4	1.1
	60	XC	19.2	35.0	37.0	68	45	34	27	18.1	13.6	3.1	2.1	1.6	1.2	64	43	32	26	12.8	12.8	2.9	2.0	1.5	1.2

Note: Always double check your application rates.

(One Nozzle)



	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	SPRAY WIDTH "W" (FEET)		NOZZLE SPACING "X"=0-3"										NOZZLE SPACING "X"=0-3"									
						GPA FOR ONE NOZZLE					GALLONS PER 1000 SQ. FT.					GPA FOR ONE NOZZLE					GALLONS PER 1000 SQ. FT.				
						24" HEIGHT	36" HEIGHT	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
(B)1/4XP10R (B)1/4XP10L	20	XC	0.71	8.5	10.0	10.3	6.9	5.2	4.1	2.8	2.1	0.47	0.32	0.24	0.19	8.8	5.9	4.4	3.5	2.3	1.8	1.40	0.27	0.20	0.16
	30	XC	0.87	10.0	11.0	10.8	7.2	5.4	4.3	2.9	2.2	0.49	0.33	0.25	0.20	9.8	6.5	4.9	3.9	2.6	2.0	0.45	0.30	0.22	0.18
	40	XC	1.00	11.0	12.5	11.3	7.5	5.6	4.5	3.0	2.3	0.52	0.34	0.26	0.21	9.9	6.6	5.0	4.0	2.6	2.0	0.45	0.30	0.23	0.18
	50	XC	1.12	12.5	13.5	11.1	7.4	5.5	4.4	3.0	2.2	0.51	0.34	0.25	0.20	10.3	6.8	5.1	4.1	2.7	2.1	0.47	0.31	0.24	0.19
	60	XC	1.22	13.0	14.5	11.6	7.7	5.8	4.6	3.1	2.3	0.53	0.35	0.27	0.21	10.4	6.9	5.2	4.2	2.8	2.1	0.48	0.32	0.24	0.19
(B)1/4XP20R (B)1/4XP20L	20	XC	1.42	9.0	11.0	19.5	13.0	9.8	7.8	5.2	3.9	0.89	0.60	0.45	0.36	16.0	10.7	8.0	6.4	4.3	3.2	0.73	0.49	0.37	0.29
	30	XC	1.75	11.5	12.0	18.8	12.6	9.4	7.5	5.0	3.8	0.86	0.57	0.43	0.34	18.0	12.0	9.0	7.2	4.8	3.6	0.83	0.55	0.41	0.33
	40	XC	2.00	13.5	14.0	18.3	12.2	9.2	7.3	4.9	3.7	0.84	0.56	0.42	0.34	17.7	11.8	8.8	7.1	4.7	3.5	0.81	0.54	0.40	0.32
	50	XC	2.25	14.5	15.0	19.2	12.8	9.6	7.7	5.1	3.8	0.88	0.59	0.44	0.35	18.6	12.4	9.3	7.4	5.0	3.7	0.85	0.57	0.43	0.34
	60	XC	2.50	15.0	16.0	21	13.8	10.3	8.3	5.5	4.1	0.94	0.63	0.47	0.38	19.3	12.9	9.7	7.7	5.2	3.9	0.89	0.59	0.44	0.35
(B)1/4XP25R (B)1/4XP25L	20	XC	1.74	10.5	11.0	21	13.7	10.3	8.2	5.5	4.1	0.94	0.63	0.47	0.38	19.6	13.1	9.8	7.8	5.2	3.9	0.90	0.60	0.45	0.36
	30	XC	2.13	12.0	13.5	22	14.6	11.0	8.8	5.9	4.4	1.0	0.67	0.50	0.40	19.5	13.0	9.8	7.8	5.2	3.9	0.89	0.60	0.45	0.36
	40	XC	2.5	13.5	14.5	23	15.3	11.5	9.2	6.1	4.6	1.0	0.70	0.52	0.42	21	14.2	10.7	8.5	5.7	4.3	0.98	0.65	0.49	0.39
	50	XC	2.75	14.5	15.0	23	15.6	11.7	9.4	6.3	4.7	1.1	0.72	0.54	0.43	23	15.1	11.3	9.1	6.1	4.5	1.0	0.69	0.52	0.42
	60	XC	3.00	15.0	16.0	25	16.5	12.4	9.9	6.6	5.0	1.1	0.76	0.57	0.45	23	15.5	11.6	9.3	6.2	4.6	1.1	0.71	0.53	0.43
(B)1/2XP40R (B)1/2XP40L	20	XC	2.87	11.0	12.0	32	22	16.1	12.9	8.6	6.5	1.5	0.99	0.74	0.59	30	19.7	14.8	11.8	7.9	5.9	1.4	0.90	0.68	0.54
	30	XC	3.53	13.0	14.5	34	22	16.8	13.4	9.0	6.7	1.5	1.0	0.77	0.62	30	20	15.1	12.1	8.0	6.0	1.4	0.92	0.69	0.55
	40	XC	4.00	14.0	15.5	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	0.97	0.73	0.58
	50	XC	4.55	15.0	16.0	38	25	18.8	15.0	10.0	7.5	1.7	1.1	0.86	0.69	35	23	17.6	14.1	9.4	7.0	1.6	1.1	0.81	0.64
	60	XC	5.00	16.0	17.5	39	26	19.3	15.5	10.3	7.7	1.8	1.2	0.89	0.71	35	24	17.7	14.1	9.4	7.1	1.6	1.1	0.81	0.65
(B)1/2XP80R (B)1/2XP80L	20	XC	5.6	13.0	15.5	53	36	27	21	14.2	10.7	2.4	1.6	1.2	0.98	45	30	22	17.9	11.9	8.9	2.0	1.4	1.0	0.82
	30	XC	6.83	15.0	16.5	56	38	28	23	15.0	11.3	2.6	1.7	1.3	1.0	51	34	26	20	13.7	10.2	2.3	1.6	1.2	0.94
	40	XC	8.00	16.0	17.5	62	41	31	25	16.5	12.4	2.8	1.9	1.4	1.1	57	38	28	23	15.1	11.3	2.6	1.7	1.3	1.0
	50	XC	8.73	16.5	18.0	65	44	33	26	17.5	13.1	3.0	2.0	1.5	1.2	60	40	30	24	16.0	12.0	2.7	1.8	1.4	1.1
	60	XC	9.6	17.5	18.5	68	45	34	27	18.1	13.6	3.1	2.1	1.6	1.2	64	43	32	26	17.1	12.8	2.9	2.0	1.5	1.2

Note: Always double check your application rates.