



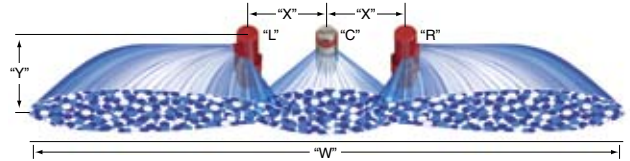
XP BoomJet® Boomless Flat Spray Nozzles

Typical Applications:

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

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.
- Removable polymer pre-orifice.
- Acetal or stainless steel construction for excellent chemical resistance.
- Recommended spray pressure range: 20–60 PSI (1.5–4 bar).



"R", "L"	CENTER NOZZLE "C"	bar	DROP SIZE	CAPACITY THREE NOZZLES IN l/min	SPRAY WIDTH "W" (meters)		I/ha FOR THREE NOZZLES															
					60 cm HEIGHT	90 cm HEIGHT	NOZZLE SPACING "X" = 50 cm															
							HEIGHT "Y" = 60 cm				HEIGHT "Y" = 90 cm				HEIGHT "Y" = 60 cm				HEIGHT "Y" = 90 cm			
				4 km/h	8 km/h	12 km/h	16 km/h	24 km/h	32 km/h	4 km/h	8 km/h	12 km/h	16 km/h	24 km/h	32 km/h	4 km/h	8 km/h	12 km/h	16 km/h	24 km/h	32 km/h	
(B)1/4XP10R (B)1/4XP10L	1/4TTJ08	1.5	XC	7.85	6.2	7.0	190	95.0	63.3	47.5	31.7	23.7	168	84.1	56.1	42.1	28.0	21.0				
		2.0	XC	9.04	7.0	7.8	194	96.9	64.6	48.4	32.3	24.2	174	86.9	57.9	43.5	29.0	21.7				
		3.0	XC	11.1	7.8	8.6	213	107	71.2	53.4	35.6	26.7	194	96.8	64.5	48.4	32.3	24.2				
		4.0	XC	13.2	8.6	9.2	213	106	70.9	53.2	35.5	26.6	199	99.5	66.3	49.7	33.2	24.9				
(B)1/4XP20R (B)1/4XP20L	1/4TTJ08	1.5	XC	13.4	6.4	7.8	314	157	105	78.5	52.3	39.3	258	129	85.9	64.4	42.9	32.2				
		2.0	XC	15.4	8.0	8.4	289	144	96.3	72.2	48.1	36.1	275	138	91.7	68.8	45.8	34.4				
		3.0	XC	18.9	9.2	9.6	308	154	103	77.0	51.4	38.5	295	148	98.4	73.8	49.2	36.9				
		4.0	XC	20.7	9.8	10.2	317	158	106	79.2	52.8	39.6	304	152	101	76.1	50.7	38.1				
(B)1/4XP25R (B)1/4XP25L	1/4TTJ10	1.5	XC	16.5	7.4	7.8	334	167	111	83.6	55.7	41.8	317	159	106	79.3	52.9	39.7				
		2.0	XC	19.1	8.4	9.2	341	171	114	85.3	56.8	42.6	311	156	104	77.9	51.9	38.9				
		3.0	XC	23.5	9.2	9.8	383	192	128	95.8	63.9	47.9	360	180	120	89.9	59.9	45.0				
		4.0	XC	25.6	9.8	10.2	392	196	131	98.0	65.3	49.0	376	188	125	94.1	62.7	47.1				
(B)1/2XP40R (B)1/2XP40L	1/4TTJ15	1.5	XC	26.6	7.8	8.4	512	256	171	128	85.3	63.9	475	238	158	119	79.2	59.4				
		2.0	XC	31.0	9.0	9.8	517	258	172	129	86.1	64.6	474	237	158	119	79.1	59.3				
		3.0	XC	37.7	9.6	10.4	589	295	196	147	98.2	73.6	544	272	181	136	90.6	68.0				
		4.0	XC	40.8	10.2	10.8	600	300	200	150	100	75.0	567	283	189	142	94.4	70.8				

"R", "L"	CENTER NOZZLE "C"	bar	DROP SIZE	CAPACITY THREE NOZZLES IN l/min	SPRAY WIDTH "W" (meters)		I/ha FOR THREE NOZZLES															
					60 cm HEIGHT	90 cm HEIGHT	NOZZLE SPACING "X" = 75 cm															
							HEIGHT "Y" = 60 cm				HEIGHT "Y" = 90 cm				HEIGHT "Y" = 60 cm				HEIGHT "Y" = 90 cm			
				4 km/h	8 km/h	12 km/h	16 km/h	24 km/h	32 km/h	4 km/h	8 km/h	12 km/h	16 km/h	24 km/h	32 km/h	4 km/h	8 km/h	12 km/h	16 km/h	24 km/h	32 km/h	
(B)1/4XP10R (B)1/4XP10L	1/4TTJ06 (50)	1.5	XC	7.30	6.7	7.5	163	81.7	54.5	40.9	27.2	20.4	146	73.0	48.7	36.5	24.3	18.3				
		2.0	XC	8.40	7.5	8.3	168	84.0	56.0	42.0	28.0	21.0	152	75.9	50.6	38.0	25.3	19.0				
		3.0	XC	10.3	8.3	9.1	186	93.1	62.0	46.5	31.0	23.3	170	84.9	56.6	42.4	28.3	21.2				
		4.0	XC	11.3	9.1	9.7	186	93.1	62.1	46.6	31.0	23.3	175	87.4	58.2	43.7	29.1	21.8				
(B)1/4XP20R (B)1/4XP20L	1/4TTJ06 (50)	1.5	XC	12.8	6.9	8.3	278	139	92.8	69.6	46.4	34.8	231	116	77.1	57.8	38.6	28.9				
		2.0	XC	14.8	8.5	8.9	261	131	87.1	65.3	43.5	32.6	249	125	83.1	62.4	41.6	31.2				
		3.0	XC	18.1	9.7	10.1	280	140	93.3	70.0	46.6	35.0	269	134	89.6	67.2	44.8	33.6				
		4.0	XC	19.8	10.3	10.7	288	144	96.1	72.1	48.1	36.0	278	139	92.5	69.4	46.3	34.7				
(B)1/4XP25R (B)1/4XP25L	1/4TTJ08	1.5	XC	15.9	7.9	8.3	302	151	101	75.5	50.3	37.7	287	144	95.8	71.8	47.9	35.9				
		2.0	XC	18.5	8.9	9.7	312	156	104	77.9	52.0	39.0	286	143	95.4	71.5	47.7	35.8				
		3.0	XC	22.7	9.7	10.3	351	176	117	87.8	58.5	43.9	331	165	110	82.6	55.1	41.3				
		4.0	XC	24.7	10.3	10.7	360	180	120	89.9	60.0	45.0	346	173	115	86.6	57.7	43.3				
(B)1/2XP40R (B)1/2XP40L	1/4TTJ10	1.5	XC	25.2	8.3	8.9	455	228	152	114	75.9	56.9	425	212	142	106	70.8	53.1				
		2.0	XC	29.4	9.5	10.3	464	232	155	116	77.4	58.0	428	214	143	107	71.4	53.5				
		3.0	XC	35.8	10.1	10.9	532	266	177	133	88.6	66.5	493	246	164	123	82.1	61.6				
		4.0	XC	38.6	10.7	11.3	541	271	180	135	90.2	67.6	512	256	171	128	85.4	64.0				
(B)1/2XP80R (B)1/2XP80L	1/4TTJ15	1.5	XC	48.4	9.5	10.9	764	382	255	191	127	95.5	666	333	222	167	111	83.3				
		2.0	XC	55.8	10.7	11.5	782	391	261	196	130	97.8	728	364	243	182	121	91.0				
		3.0	XC	68.1	11.3	12.1	904	452	301	226	151	113	844	422	281	211	141	106				
		4.0	XC	73.2	11.5	12.5	955	477	318	239	159	119	878	439	293	220	146	110				

Note: Always double check your application rates.
 Tabulations are based on spraying water at 70°F (21°C).
 See pages 173–187 for drop size classification, useful formulas and information.

(B)=BSPT

