

SPRAY PATTERNS				SPRAY TRAJECTORIES																																			
Spray Trajectories				A		B		B1		C		D		E		F		G		H		J2		K		L		N		P		R		U		V		X	
Angles shown are for reference only.																																							
Filtration	Nozzle Size	Pressure (PSI)	Flow (GPH)	Approx. Diameter*		Approx. Diameter*		Approx. Diameter*		Approx. Diameter*		Approx. Diameter*		Approx. Diameter*		Approx. Diameter*		Approx. Diameter*		Approx. Diameter*		Approx. Diameter*		Approx. Diameter*		Approx. Diameter*		Approx. Diameter*		Approx. Diameter*		Approx. Diameter*		Approx. Diameter*		Approx. Diameter*			
				High Stream	Low Stream	High Stream	Low Stream	High Stream	Low Stream	High Stream	Low Stream	High Stream	Low Stream	High Stream	Low Stream	High Stream	Low Stream	High Stream	Low Stream	High Stream	Low Stream	High Stream	Low Stream	High Stream	Low Stream	High Stream	Low Stream	High Stream	Low Stream	High Stream	Low Stream	High Stream	Low Stream	High Stream	Low Stream	High Stream	Low Stream		
150-mesh filtration recommended	30 (BLACK)	10	4.4	10	9	12	12	10	9	10	11	7		11	8	7	4	10	9	7	13	10	5	13	5.5	8.5	11	5											
		15	5.2	12	10	14	16	11	10	11	13	8		13	9	8	4	12	10	8	14	11	5	15	6	9	13	6											
		20	6.0	14	10	16	17	12	11	12	15	9		14	9	8	4	14	10	8	15	13	6	16	7	11	15	7											
		25	6.7	14	11	17	18	13	12	13	17	10		15	10	8	4	14	11	8.5	15.5	14	6	16	7.5	11.5	16	8											
		30	7.4	15	11	18	20	13	13	14	18	11		16	10	8	4	15	11	9	16.5	15	7	17	8	12.5	17	8											
150-mesh filtration recommended	35 (ORANGE)	10	5.9	14	10	15	14	13	10	11	14	8		13	9	8	4	14	10	8	15	12	6	14	6.5	10	14	7											
		15	7.3	16	12	17	17	15	11	12	16	10		15	10	8	4	16	12	8.5	15.5	14	6	15	7	11	16	8											
		20	8.4	17	13	18	18	16	12	14	18	12		16	11	8	4	17	13	9	16.5	15	7	17	7.5	11.5	19	8											
		25	9.4	18	14	19	20	17	13	15	19	13		17	12	8	4	18	14	9.5	17.5	16	7	18	8	12.5	21	9											
		30	10.3	19	15	20	21	18	14	16	20	14		18	12	8	5	19	15	10	18.5	17	8	19	8.5	13	23	9											
150-mesh filtration recommended	40 (BLUE)	10	7.5	15	11	16	17	15	11	12	16	9		14	10	8	4	15	11	8.5	15.5	13	7	15	7	11	14	8											
		15	9.3	17	13	18	18	17	12	13	19	11		16	11	8	4	17	13	9	16.5	14	8	17	7.5	11.5	17	9											
		20	10.7	19	15	20	21	19	13	15	21	13		17	12	8	5	19	15	10	18.5	16	9	19	8	12.5	19	9											
		25	12.0	21	17	22	22	20	14	16	23	14		18	13	8	5	21	17	11	20.5	17	9	20	8.5	13	20	10											
		30	13.1	22	18	24	24	21	15	17	25	15		19	14	9	5	22	18	12	22	19	10	21	9	14	22	11											
150-mesh filtration recommended	45 (VIOLET)	10	10.0	17	13	17	18	18	11	14	18	11		15	12	9	5	17	13	9	16.5	14	8	17	7.5	11.5	16	9											
		15	12.2	20	15	19	20	20	12	15	21	12		16	13	9	5	20	15	10	18.5	15	9	19	8	12.5	19	11											
		20	14.1	22	17	21	22	22	14	17	23	14		18	14	9	5	22	17	11	20.5	17	10	22	9	14	22	12											
		25	15.8	24	19	23	24	24	15	18	25	15		19	15	9	6	24	19	12	22	18	11	23	9.5	14.5	24	13											
		30	17.3	26	21	25	26	25	16	19	27	16		20	15	9	6	26	21	13	24	20	12	25	10	18.5	26	14											
100-mesh filtration recommended	50 (GREEN)	10	11.8	20	14	18	19	19	12	14	19			14	8	5	20	14	10	16.5	15	10	19			18	11												
		15	14.4	23	17	20	21	21	13	15	22			15	8	5	23	17	11	20.5	17	11	22			21	13												
		20	16.7	25	19	22	24	22	15	17	25			16	9	6	25	19	12	22	19	13	25			24	14												
		25	18.6	27	21	24	26	26	16	19	27			17	9	6	27	21	12.5	23	21	13	26			26	15												
		30	20.4	29	23	26	28	28	17	21	29			18	10	7	29	23	13	24	22	14	28			28	16												
100-mesh filtration recommended	55 (YELLOW)	10	13.7	21	15	19	21	22	12	15	20			15	9	5	21	15			16	13	20			18	11												
		15	17.8	25	18	22	25	24	14	17	24			17	9	6	25	18			19	15	23			22	14												
		20	20.5	27	20	26	27	27	16	19	27			19	9	7	27	20			21	17	26			25	15												
		25	22.9	29	22	28	30	30	18	20	29			20	10	7	29	22			23	18	28			27	17												
		30	25.1	31	24	30	32	32	19	22	32			21	11	8	31	24			26	19	30			29	17												
100-mesh filtration recommended	60 (RED)	10	17.0	22	16	24	24	18	16	21	25			16	10	6	22	16			18	16	21			19	14												
		15	20.8	26	19	25	25	26	15	19	25			18	10	7	26	19			22	19	24			23	15												
		20	24.0	28	22	28	28	29	17	21	29			19	11	7	28	22			24	22	28			27	16												
		25	26.8	30	24	30	30	32		23	32			21	11	8	30	24			26	22	30			28	20												
		30	29.4	32	27	33	31	34		25	34			22	12	8	32	27			28	23	33			30	20												

Flows of complete Fan-Jet sprinkler assemblies may vary; please consult factory. We cannot guarantee flows of these heads when used with components not manufactured by Bowsmith.

Filtration recommendations for Bowsmith Fan-Jets are intended as a guideline only and are not a guarantee of product performance. Clogging or excessive wear may result from poor water quality or sources with high silt or organic content. Chemicals intended for use with this product should first be tested for compatibility. Consult your irrigation dealer to ensure appropriate system design for these conditions.

\* Pattern dimension data shown in feet, with 6" riser height.  
 † Pattern dimension data shown in feet, with 18" spray head height.  
 These patterns (diagrammed in green) are designed for inverted operation, suspended from an overhead supply line.  
 Marked combinations not recommended. Flow rate may be too high for accurate wetting pattern.