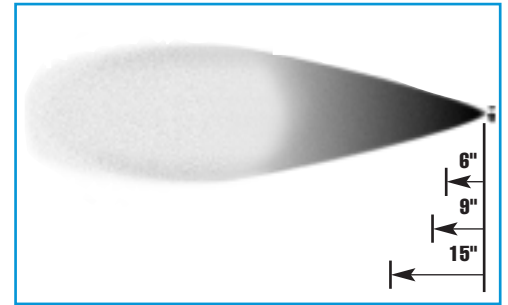


BEX JPD series flat spray

Pressure feed - Internal mix

APPLICATION AND PERFORMANCE

Set-ups with BEX JPD series air caps produce a flat spray pattern. The liquid is pressure fed and internally mixed. Nozzle selection is not limited for other parameters.



spray pattern

See page 12 and 13 for instructions on how to order.

JPD Flat Spray Performance Chart

BEX Set-up No.	Spray Set-up Consists of Liquid and Air Cap Combination	LIQUID CAPACITY in GPH and AIR CAPACITY in SCFM															SPRAY DIMENSIONS			
		LIQUID PRESSURE in psi															Pattern Width in Inches			Maximum Spray Range feet
		10 psi			20 psi			30 psi			40 psi			60 psi			6" from tip	9" from tip	15" from tip	
Air Press. psi	GPH	SCFM	Air Press. psi	GPH	SCFM	Air Press. psi	GPH	SCFM	Air Press. psi	GPH	SCFM	Air Press. psi	GPH	SCFM	Air Press. psi	GPH	SCFM			
JPL13A	Liquid Cap JL2050 + Air Cap JPD30	10	1.44	.84	18	2.17	1.12	28	2.49	1.47	38	2.77	1.84	55	3.41	2.43	10-22	14-29	18-37	8-13
		12	1.25	.96	22	1.82	1.31	32	2.19	1.64	42	2.49	2.01	65	2.83	2.85				
		14	1.09	1.08	26	1.50	1.50	36	1.89	1.82	46	2.20	2.19	75	2.26	3.26				
		16	.93	1.20	30	1.20	1.68	40	1.58	2.00	50	1.93	2.37	85	1.69	3.67				
		18	.79	1.32	34	.93	1.87	44	1.30	2.18	60	1.25	2.81	90	1.40	3.88				
		20	.65	1.43	38	.68	2.07	48	1.03	2.36	65	.93	3.02	95	1.13	4.09				
22	.53	1.55	40	.57	2.16	55	.65	2.68	70	.65	3.25	100	.88	4.29						
JPL13	Liquid Cap JL2850 + Air Cap JPD30	12	2.17	.70	20	3.35	.96	30	3.98	1.27	38	4.66	1.49	65	4.8	2.38	14-23	18-30	28-38	7-10
		14	1.80	.82	24	2.71	1.14	34	3.41	1.45	42	4.14	1.65	70	4.21	2.62				
		16	1.45	.95	28	2.06	1.34	38	2.85	1.64	46	3.6	1.85	75	3.63	2.86				
		18	1.08	1.07	30	1.76	1.45	42	2.29	1.85	50	3.08	2.05	80	3.05	3.10				
		20	.77	1.2	32	1.44	1.56	46	1.72	2.07	60	1.76	2.58	85	2.48	3.35				
		---	---	---	34	1.18	1.67	48	1.43	2.18	65	1.2	2.84	90	1.98	3.60				
---	---	---	36	.94	1.78	50	1.2	2.28	70	.76	3.09	95	1.57	3.85						
JPLN13	Liquid Cap JL2850 + Air Cap JPD45	14	2.4	.89	22	3.2	1.13	34	3.4	1.63	40	4.4	1.77	60	5.0	2.53	4-8	5-10	7-13	10-16
		16	2.1	1.05	26	2.8	1.38	38	2.9	1.86	44	3.8	1.99	65	4.4	2.73				
		18	1.7	1.14	30	2.1	1.62	42	2.3	2.07	48	3.3	2.22	70	3.9	3.00				
		20	1.4	1.26	34	1.5	1.87	46	1.8	2.36	54	2.6	2.55	75	3.4	3.25				
		24	.81	1.54	38	1.2	2.1	50	1.4	2.58	60	1.9	2.98	80	3.0	3.57				
		28	.54	1.76	42	.72	2.38	60	.60	3.16	70	1.1	3.53	90	2.3	4.12				
32	.30	1.96	48	.39	2.69	70	.33	3.65	85	.40	4.27	100	2.0	4.65						
JPL14	Liquid Cap JL2850 + Air Cap JPD15	18	1.04	1.05	30	1.56	1.43	42	2.06	1.75	55	2.16	2.15	75	3.20	2.66	10-25	13-30	18-38	6-7
		20	.80	1.15	34	1.10	1.61	44	1.80	1.85	60	1.60	2.38	80	2.66	2.90				
		22	.62	1.25	36	.90	1.70	46	1.57	1.94	65	1.15	2.62	85	2.19	3.13				
		24	.47	1.35	38	.74	1.79	48	1.35	2.04	70	.76	2.85	90	1.75	3.36				
		26	.35	1.45	40	.60	1.88	50	1.13	2.13	---	---	---	---	---	---				
		28	.25	1.55	42	.47	1.97	55	.70	2.36	---	---	---	---	---	---				
---	---	---	44	.35	2.07	---	---	---	---	---	---	---	---	---						
JPLN23	Liquid Cap JL60100 + Air Cap JPD75	14	4.5	.80	24	7.5	1.24	34	9.5	1.74	44	11.1	2.2	56	19.8	2.56	4-8	5-10	6-14	8-13
		16	2.9	.97	26	6.0	1.44	36	7.8	1.96	46	9.7	2.46	60	16.7	2.97				
		18	2.0	1.17	28	4.5	1.68	38	6.5	2.2	48	8.4	2.69	65	13.5	3.5				
		20	.84	1.42	30	3.4	1.82	40	5.2	2.53	52	5.7	3.3	70	9.7	4.33				
		---	---	---	32	2.4	2.06	42	4.1	2.65	56	3.9	3.84	80	4.8	5.73				
		---	---	---	34	1.3	2.32	46	2.6	3.25	60	2.4	4.36	90	1.8	7.4				
---	---	---	36	.80	2.61	50	1.1	3.72	65	1.1	5.04	95	.70	8.38						
JPL23B	Liquid Cap JL40100 + Air Cap JPD60	16	2.95	1.92	28	4.45	2.66	38	5.94	3.22	46	7.50	3.66	65	9.70	4.80	6-13	7-16	8-19	10-13
		18	2.25	2.10	30	3.87	2.84	40	5.40	3.40	50	6.45	3.97	70	8.60	5.20				
		20	1.72	2.30	32	3.30	3.04	42	4.86	3.55	52	5.90	4.15	75	7.50	5.60				
		22	1.32	2.50	34	2.78	3.22	44	4.32	3.74	54	5.40	4.32	80	6.40	6.00				
		24	1.00	2.70	36	2.28	3.40	46	3.78	3.93	56	4.87	4.50	85	5.30	6.48				
		---	---	---	---	---	---	48	3.25	4.12	58	4.34	4.70	90	4.25	6.96				
---	---	---	---	---	---	---	---	---	60	3.84	4.90	---	---	---						
JPL23	Liquid Cap JL60100 + Air Cap JPD60	12	7.0	1.15	22	11.5	1.65	34	12.4	2.20	46	13.7	2.75	65	18.3	3.56	7-13	9-16	12-20	11-14
		14	5.4	1.35	26	8.3	2.02	38	9.8	2.57	50	10.9	3.14	75	12.6	4.47				
		16	4.2	1.57	30	6.0	2.40	42	7.8	2.95	54	8.7	3.51	80	10.6	4.95				
		18	3.3	1.69	32	5.1	2.60	46	5.9	3.34	56	7.8	3.70	85	8.7	5.40				
		20	2.7	1.97	34	4.3	2.78	48	5.0	3.52	60	6.4	4.06	90	6.9	5.85				
		22	2.0	2.20	36	3.6	2.97	50	4.3	3.71	65	4.6	4.53	95	5.5	6.30				
---	---	---	38	3.0	3.16	52	3.7	3.90	70	3.3	5.00	100	4.5	6.76						
JPL43	Liquid Cap JL100150 + Air Cap JPD90	14	7.7	3.17	26	10.5	4.55	34	20.8	4.75	42	29.4	5.15	58	44.7	6.05	7-14	8-17	10-23	11-17
		16	5.0	3.83	28	7.0	5.15	36	16.6	5.25	44	25.1	5.6	60	41.0	6.42				
		---	---	---	---	---	---	38	12.8	5.8	46	20.8	6.05	65	31.4	7.45				
		---	---	---	---	---	---	40	9.5	6.35	48	16.7	6.6	70	22.5	8.75				
		---	---	---	---	---	---	42	6.7	6.85	50	13.1	7.15	75	15.0	10.1				
		---	---	---	---	---	---	---	---	---	52	10.0	7.75	80	8.7	11.45				
---	---	---	---	---	---	---	---	---	54	7.3	8.3	---	---	---						

"---" means not recommended at this pressure

Note: All references to GPH are U.S. gallons per hour