

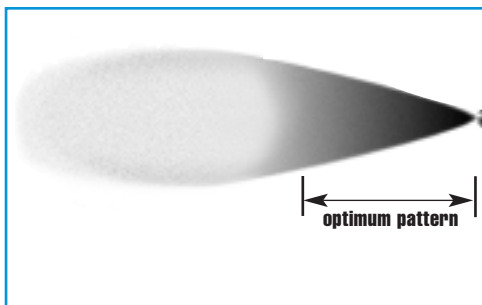
spray pattern

# BEX JPE series round spray

Pressure feed - Internal mix

## APPLICATION AND PERFORMANCE

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



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

## JPE Round 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															Optimum Pattern		Maximum
		10 psi			20 psi			30 psi			40 psi			60 psi			Spray Angle degrees	Spray Range inches	
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					
JPL11	Liquid Cap JL2050 + Air Cap JPE20	10	.66	.55	14	1.50	.40	24	1.68	.56	32	1.86	.68	50	2.28	.98	13-15	12-17	9-14
		12	.48	.67	18	1.23	.50	28	1.44	.63	36	1.62	.80	54	2.05	1.07			
		14	.36	.78	22	.99	.63	32	1.08	.82	40	1.32	.93	58	1.80	1.19			
		---	---	---	24	.86	.70	36	.84	.96	44	1.08	1.07	62	1.56	1.36			
		---	---	---	26	.72	.76	38	.72	1.03	48	.85	1.23	66	1.32	1.52			
		---	---	---	28	.60	.82	40	.66	1.11	50	.72	1.33	68	1.23	1.58			
JPL12A	Liquid Cap JL2050 + Air Cap JPE40	10	.66	.66	18	1.44	.87	24	1.98	1.00	30	2.40	1.14	40	3.30	1.36	12-15	17-22	12-17
		12	.54	.77	20	1.32	.98	28	1.68	1.17	34	2.16	1.29	46	2.94	1.54			
		14	.42	.90	22	1.20	1.06	32	1.44	1.35	38	1.92	1.47	52	2.58	1.83			
		---	---	---	24	1.08	1.16	34	1.32	1.46	42	1.62	1.68	58	2.28	2.09			
		---	---	---	26	.90	1.26	36	1.20	1.57	44	1.50	1.78	62	2.10	2.26			
		---	---	---	28	.78	1.56	38	1.11	1.66	46	1.38	1.88	66	1.86	2.46			
JPL12	Liquid Cap JL2850 + Air Cap JPE40	12	1.26	.73	22	2.16	1.05	30	2.90	1.24	36	4.32	1.26	48	5.82	1.50	12-15	19-23	13-17
		16	1.08	.94	26	1.74	1.26	34	2.46	1.42	40	3.85	1.36	52	5.28	1.65			
		20	.90	1.15	30	1.44	1.47	38	2.10	1.65	44	3.55	1.56	56	4.92	1.73			
		22	.81	1.25	34	1.26	1.67	42	1.74	1.87	48	2.80	1.78	60	4.56	1.88			
		24	.78	1.36	38	1.08	1.87	46	1.50	2.03	52	2.46	2.01	64	4.08	2.08			
		26	.77	1.43	40	1.02	1.96	50	1.24	2.25	56	2.16	2.20	68	3.72	2.25			
JPL22B	Liquid Cap JL40100 + Air Cap JPE60	16	3.44	2.68	28	5.03	3.71	40	6.10	4.72	48	7.75	5.30	65	10.7	6.74	18-21	26-38	16-30
		20	2.35	3.20	32	3.70	4.17	44	5.03	5.17	55	5.95	6.07	75	8.67	7.73			
		22	1.90	3.46	36	2.64	4.65	48	3.95	5.65	65	3.55	7.28	80	7.65	8.25			
		24	1.54	3.70	40	1.85	5.13	55	2.30	6.50	75	1.95	8.50	85	6.65	8.80			
		26	1.23	3.97	44	1.30	5.63	60	1.56	7.12	80	1.40	9.10	90	5.64	9.40			
		28	.96	4.22	48	.90	6.10	65	1.08	7.75	85	1.00	9.70	95	4.63	10.0			
JPL22	Liquid Cap JL60100 + Air Cap JPE60	12	8.1	2.00	20	13.6	2.55	30	16.3	3.25	38	19.5	3.74	54	25.7	4.66	17-21	24-36	16-28
		14	6.6	2.32	22	12.0	2.85	34	13.1	3.75	42	16.5	4.20	60	21.8	5.34			
		16	4.9	2.66	24	10.2	3.15	38	9.9	4.32	46	13.6	4.71	65	18.5	5.98			
		18	3.4	3.00	26	8.6	3.45	40	8.7	4.61	50	10.8	5.30	70	15.2	6.68			
		---	---	---	28	7.2	3.75	42	7.6	4.90	52	9.6	5.58	75	12.2	7.80			
		---	---	---	30	5.9	4.05	44	6.6	5.20	54	8.6	5.85	80	10.0	8.14			
JPL42	Liquid Cap JL100150 + Air Cap JPE80	14	11.7	3.05	20	27.5	3.04	28	36.6	3.55	32	49.4	3.31	42	70.6	3.17	19-22	35-46	20-30
		16	8.5	3.60	22	23.0	3.49	30	32.6	3.96	36	42.2	4.10	46	65.0	3.85			
		---	---	---	24	18.0	3.95	32	28.7	4.36	40	35.1	4.90	50	59.0	4.63			
		---	---	---	26	14.4	4.40	34	24.8	4.78	44	28.0	5.66	54	53.2	5.40			
		---	---	---	28	11.3	4.85	36	20.9	5.20	46	24.5	6.05	58	47.4	6.16			
		---	---	---	38	17.5	5.60	48	21.3	6.45	65	37.8	7.54	75	37.8	7.54			
---	---	---	40	14.6	6.03	50	18.4	6.86	70	30.0	8.55	85	30.0	8.55					

"---" means not recommended at this pressure Note: All references to GPH are U.S. gallons per hour