

EAGLE 500 SERIES PERFORMANCE DATA — U.S.

NOZZLES

Base Pressure (psi)	#52 BEIGE		#53 GRAY		#54 RED	
	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)
40	33	6.0	41	7.7	45	9.3
50	35	6.6	43	8.6	47	10.3
60	35	7.2	43	9.4	47	11.2
70	35	7.7	45	10.1	47	12.0
80	35	8.3	45	10.8	47	12.8
90	37	8.7	43	10.9	47	12.8
100	35	9.1	43	11.2	47	13.2

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Base Pressure (psi)	#52 BEIGE		#53 GRAY		#54 RED	
	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)	Radius (ft)	Flow (gpm)
40	33	6.0	41	7.7	45	9.3
50	35	6.6	41	8.6	47	10.3
60	35	7.2	43	9.4	49	11.2
70	35	7.7	43	10.1	49	12.0
80	37	8.3	43	10.8	49	12.8
90	39	8.8	43	11.5	49	12.9
100	39	9.1	45	12.0	49	13.6

EAGLE 500 SERIES PERFORMANCE DATA — METRIC

NOZZLES

Base Pressure (bars)	#52 BEIGE			#53 GRAY			#54 RED		
	Radius (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	Flow (l/s)	Flow (m³/h)
2.8	10.1	3.8	1.36	12.5	0.49	1.75	13.7	0.59	2.11
3.0	10.3	0.39	1.41	12.7	0.51	1.82	13.9	0.61	2.19
3.5	10.7	0.42	1.51	13.1	0.55	1.97	14.3	0.65	2.36
4.0	10.7	0.45	1.61	13.1	0.58	2.10	14.3	0.70	2.50
4.5	10.7	0.47	1.70	13.4	0.62	2.22	14.3	0.73	2.64
5.0	10.7	0.50	1.78	13.7	0.65	2.33	14.3	0.77	2.77
5.5	10.7	0.52	1.88	13.7	0.68	2.45	14.3	0.81	2.91
6.0	11.1	0.54	1.95	13.3	0.69	2.47	14.3	0.81	2.91
6.5	11.0	0.56	2.01	13.1	0.70	2.50	14.3	0.82	2.95
6.9	10.7	0.57	2.07	13.3	0.71	2.54	14.3	0.83	3.00

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Base Pressure (bars)	#52 BEIGE			#53 GRAY			#54 RED		
	Radius (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	Flow (l/s)	Flow (m³/h)	Radius (m)	Flow (l/s)	Flow (m³/h)
2.8	10.1	0.38	1.36	12.5	0.49	1.75	13.7	0.59	2.11
3.0	10.3	0.39	1.41	12.5	0.51	1.82	13.9	0.61	2.19
3.5	10.7	0.42	1.51	12.5	0.55	1.97	14.4	0.65	2.36
4.0	10.7	0.45	1.61	12.9	0.58	2.10	14.8	0.70	2.50
4.5	10.7	0.47	1.70	13.1	0.62	2.22	14.9	0.73	2.64
5.0	10.8	0.50	1.78	13.1	0.65	2.33	14.9	0.77	2.77
5.5	11.3	0.52	1.88	13.1	0.68	2.45	14.9	0.81	2.91
6.0	11.7	0.55	1.96	13.1	0.71	2.56	14.9	0.81	2.92
6.5	11.9	0.56	2.03	13.4	0.74	2.66	14.9	0.83	3.00
6.9	11.9	0.57	2.07	13.7	0.76	2.73	14.9	0.86	3.09