

SERIES XG-JA PERFORMANCE**MODELS XG-JA, XG-A-1P, JA-2P, XG-JA-3P, XG-JA-4P**

Model	Nozzle Velocity (fpm)	573	860	1147	1433	1720	2007	2294
XG-JA-1EX-06 XG-JA-1EX-06 XG-JA-06 XG-JA-AL-06 XG-JA-1P-06 XG-JA-AL-1P-06 XG-JA-LI-06 XG-JA-LI-AL-06	CFM	50	75	100	125	150	175	200
	Throws	4-8-13	6-12-16	8-13-19	10-15-21	12-16-23	13-18-25	13-19-27
	PT	0.036	0.081	0.144	0.225	0.324	0.441	0.576
	NC	<20	<20	<20	25	30	35	39
XG-JA-2P-06 XG-JA-AL-2P-06	CFM	100	150	200	250	300	350	400
	Throws	6-11-19	9-16-23	11-19-27	14-21-30	16-23-33	18-25-36	19-27-38
	PT	0.036	0.081	0.144	0.225	0.324	0.441	0.576
	NC	<20	<20	21	28	33	38	42
XG-JA-3P-06 XG-JA-AL-3P-06	CFM	150	225	300	375	450	525	600
	Throws	7-14-23	11-20-29	14-23-33	18-26-37	20-29-40	22-31-44	23-33-47
	PT	0.036	0.081	0.144	0.225	0.324	0.441	0.576
	NC	<20	<20	23	30	35	40	44
XG-JA-4P-06 XG-JA-AL-4P-06	CFM	200	300	400	500	600	700	800
	Throws	8-16-27	12-23-33	16-27-38	20-30-43	23-33-47	25-36-50	27-38-54
	PT	0.036	0.081	0.144	0.225	0.324	0.441	0.576
	NC	<20	<20	24	31	36	41	45
Model	Nozzle Velocity (fpm)	714	917	1121	1352	1529	1733	1937
XG-JA-1EX-08 XG-JA-1EX-08 XG-JA-08 XG-JA-AL-08 XG-JA-1P-08 XG-JA-AL-1P-08 XG-JA-LI-08 XG-JA-LI-AL-08	CFM	140	180	220	260	300	340	380
	Throws	8-15-23	10-18-26	12-20-28	14-22-31	16-23-33	18-25-35	19-26-37
	PT	0.056	0.092	0.138	0.192	0.256	0.329	0.411
	NC	<20	<20	21	26	30	34	38
XG-JA-2P-08 XG-JA-AL-2P-08	CFM	280	360	440	520	600	680	760
	Throws	11-21-32	14-26-36	17-28-40	20-31-43	23-33-47	25-35-50	26-37-53
	PT	0.056	0.092	0.138	0.192	0.256	0.329	0.411
	NC	<20	<20	24	29	33	37	41
XG-JA-3P-08 XG-JA-AL-3P-08	CFM	420	540	660	780	900	1020	1140
	Throws	13-26-39	17-31-44	21-35-49	24-38-53	28-40-57	30-43-61	32-45-64
	PT	0.056	0.092	0.138	0.192	0.256	0.329	0.411
	NC	<20	20	26	31	35	39	42
XG-JA-4P-08 XG-JA-AL-4P-08	CFM	560	720	880	1040	1200	1360	1520
	Throws	15-30-45	19-36-51	24-40-57	28-43-61	32-47-66	35-50-70	37-53-74
	PT	0.056	0.092	0.138	0.192	0.256	0.329	0.411
	NC	<20	21	27	32	36	40	44

SERIES XG-JA PERFORMANCE
MODELS XG-JA, XG-JA-1P, XG-JA-2P, XG-JA-3P, XG-JA-4P

Model	Nozzle Velocity (fpm)	573	717	860	1003	1147	1290	1433
XG-JA-1EX-10 XG-JA-1EX-10 XG-JA-10 XG-JA-AL-10 XG-JA-1P-10 XG-JA-AL-1P-10 XG-JA-LI-10 XG-JA-LI-AL-10	CFM	200	250	300	350	400	450	500
	Throws	8-16-27	10-20-30	12-23-33	14-25-36	16-27-38	18-29-40	20-30-43
	PT	0.036	0.056	0.081	0.110	0.144	0.182	0.225
	NC	<20	<20	<20	20	24	28	31
XG-JA-2P-10 XG-JA-AL-2P-10	CFM	400	500	600	700	800	900	1000
	Throws	11-23-38	14-29-43	17-33-47	20-36-50	23-38-54	26-40-57	29-43-60
	PT	0.036	0.056	0.081	0.110	0.144	0.182	0.225
	NC	<20	<20	<20	23	27	31	34
XG-JA-3P-10 XG-JA-AL-3P-10	CFM	600	750	900	1050	1200	1350	1500
	Throws	14-28-47	18-35-52	21-40-57	25-44-62	28-47-66	32-49-70	35-52-74
	PT	0.036	0.056	0.081	0.110	0.144	0.182	0.225
	NC	<20	<20	20	25	29	32	36
XG-JA-4P-10 XG-JA-AL-4P-10	CFM	800	1000	1200	1400	1600	1800	2000
	Throws	16-32-54	20-40-60	24-47-66	28-50-71	32-54-76	36-57-81	40-60-85
	PT	0.036	0.056	0.081	0.110	0.144	0.182	0.225
	NC	<20	<20	21	26	30	34	37
Model	Nozzle Velocity (fpm)	550	734	917	1101	1284	1468	1651
XG-JA-1EX-12 XG-JA-1EX-12 XG-JA-12 XG-JA-AL-12 XG-JA-1P-12 XG-JA-AL-1P-12 XG-JA-LI-12 XG-JA-LI-AL-12	CFM	300	400	500	600	700	800	900
	Throws	10-19-33	13-26-38	16-30-43	19-33-47	23-36-50	26-38-54	29-40-57
	PT	0.033	0.059	0.092	0.133	0.181	0.236	0.299
	NC	<20	<20	<20	25	30	34	37
XG-JA-2P-12 XG-JA-AL-2P-12	CFM	600	800	1000	1200	1400	1600	1800
	Throws	14-27-47	18-37-54	23-43-60	27-47-66	32-50-71	37-54-76	40-57-81
	PT	0.033	0.059	0.092	0.133	0.181	0.236	0.299
	NC	<20	<20	22	28	32	37	40
XG-JA-3P-12 XG-JA-AL-3P-12	CFM	900	1200	1500	1800	2100	2400	2700
	Throws	17-34-57	22-45-66	28-52-74	34-57-81	39-62-87	45-66-93	49-70-99
	PT	0.033	0.059	0.092	0.133	0.181	0.236	0.299
	NC	<20	<20	24	30	34	38	42
XG-JA-4P-12 XG-JA-AL-4P-12	CFM	1200	1600	2000	2400	2800	3200	3600
	Throws	19-39-66	26-52-76	32-60-85	39-66-93	45-71-101	52-76-108	57-81-114
	PT	0.033	0.059	0.092	0.133	0.181	0.236	0.299
	NC	<20	20	25	31	35	40	43

SERIES XG-JA PERFORMANCE**MODELS XG-JA, XG-JA-1P, XG-JA-2P, XG-JA-3P, XG-JA-4P**

Model	Nozzle Velocity (fpm)	573	765	956	1147	1338	1529	1720
XG-JA-1EX-14 XG-JA-1EX-14 XG-JA-14 XG-JA-AL-14 XG-JA-1P-14 XG-JA-AL-1P-14 XG-JA-LI-14 XG-JA-LI-AL-14	CFM	450	600	750	900	1050	1200	1350
	Throws	12-24-40	16-32-47	20-37-52	24-40-57	28-44-62	32-47-66	35-49-70
	PT	0.036	0.064	0.100	0.144	0.196	0.256	0.324
	NC	<20	<20	22	28	32	39	40
XG-JA-2P-14 XG-JA-AL-2P-14	CFM	900	1200	1500	1800	2100	2400	2700
	Throws	17-34-57	23-46-66	29-52-74	34-57-81	40-62-87	46-66-93	49-70-99
	PT	0.036	0.064	0.100	0.144	0.196	0.256	0.324
	NC	<20	<20	21	28	33	38	42
XG-JA-3P-14 XG-JA-AL-3P-14	CFM	1350	1800	2250	2700	3150	3600	4050
	Throws	21-42-70	28-56-81	35-64-90	42-70-99	49-76-107	56-81-114	61-86-121
	PT	0.036	0.064	0.100	0.144	0.196	0.256	0.324
	NC	<20	<21	27	32	37	41	45
XG-JA-4P-14 XG-JA-AL-4P-14	CFM	1800	2400	3000	3600	4200	4800	5400
	Throws	24-49-81	32-65-93	40-74-104	49-81-114	57-87-123	65-93-132	70-99-140
	PT	0.036	0.064	0.100	0.144	0.196	0.256	0.324
	NC	<20	<22	28	34	38	42	46
Model	Nozzle Velocity (fpm)	562	749	936	1123	1311	1498	1685
XG-JA-1EX-16 XG-JA-1EX-16 XG-JA-16 XG-JA-AL-16 XG-JA-1P-16 XG-JA-AL-1P-16 XG-JA-LI-16 XG-JA-LI-AL-16	CFM	600	800	1000	1200	1400	1600	1800
	Throws	14-28-47	18-37-54	23-43-60	28-47-66	32-50-71	37-54-76	40-57-81
	PT	0.035	0.061	0.096	0.138	0.188	0.246	0.311
	NC	<20	<20	23	28	33	37	41
XG-JA-2P-16 XG-JA-AL-2P-16	CFM	1200	1600	2000	2400	2800	3200	3600
	Throws	20-39-66	26-52-76	33-60-85	39-66-93	43-71-101	52-76-108	57-81-114
	PT	0.035	0.061	0.096	0.138	0.188	0.246	0.311
	NC	<20	<20	26	31	36	40	44
XG-JA-3P-16 XG-JA-AL-3P-16	CFM	1800	2400	3000	3600	4200	4800	5400
	Throws	24-48-81	32-64-93	40-74-104	48-81-114	56-87-123	64-93-132	70-99-140
	PT	0.035	0.061	0.096	0.138	0.188	0.246	0.311
	NC	<20	22	28	33	38	42	45
XG-JA-4P-16 XG-JA-AL-4P-16	CFM	2400	3200	4000	4800	5600	6400	7200
	Throws	28-55-93	37-74-108	46-85-120	55-93-132	65-101-143	74-108-152	81-114-162
	PT	0.035	0.061	0.096	0.138	0.188	0.246	0.311
	NC	<20	23	29	34	39	43	47

SERIES XG-JA PERFORMANCE
MODELS XG-JA, XG-JA-1P, XG-JA-2P, XG-JA-3P, XG-JA-4P

Model	Nozzle Velocity (fpm)	538	717	896	1075	1245	1433	1613
XG-JA-1EX-18 XG-JA-1EX-18 XG-JA-18 XG-JA-AL-10 XG-JA-1P-18 XG-JA-AL-1P-18 XG-JA-LI-18 XG-JA-LI-AL-18	CFM	750	1000	1250	1500	1750	2000	2250
	Throws	15-30-52	20-40-60	25-48-67	30-52-74	35-56-80	40-60-85	45-64-90
	PT	0.032	0.056	0.088	0.127	0.172	0.225	0.285
	NC	<20	<20	23	28	33	37	40
XG-JA-2P-18 XG-JA-AL-2P-18	CFM	1500	2000	2500	3000	3500	4000	4500
	Throws	21-43-73	29-57-85	36-67-95	43-74-104	50-80-113	57-85-120	64-90-128
	PT	0.032	0.056	0.088	0.127	0.172	0.225	0.285
	NC	<20	20	26	31	36	40	43
XG-JA-3P-18 XG-JA-AL-3P-18	CFM	2250	3000	3750	4500	5250	6000	6750
	Throws	26-53-90	35-74-104	44-82-117	53-90-128	61-98-138	70-104-148	78-111-157
	PT	0.032	0.056	0.088	0.127	0.172	0.225	0.285
	NC	<20	22	27	33	38	42	45
XG-JA-4P-18 XG-JA-AL-4P-18	CFM	3000	4000	5000	6000	7000	8000	9000
	Throws	30-61-104	40-81-120	51-95-135	61-104-148	71-113-159	81-120-170	90-128-181
	PT	0.032	0.056	0.088	0.127	0.172	0.225	0.285
	NC	<20	23	29	34	39	43	46
Model	Nozzle Velocity (fpm)	566	736	906	1076	1246	1416	1586
XG-JA-1EX-20 XG-JA-1EX-20 XG-JA-20 XG-JA-AL-20 XG-JA-1P-20 XG-JA-AL-1P-20 XG-JA-LI-20 XG-JA-LI-AL-20	CFM	1000	1300	1600	1900	2200	2500	2800
	Throws	18-36-60	23-47-69	29-54-76	34-59-83	40-63-89	45-67-95	50-71-101
	PT	0.035	0.059	0.090	0.127	0.170	0.219	0.275
	NC	<20	<20	<20	29	34	38	41
XG-JA-2P-20 XG-JA-AL-2P-20	CFM	2000	2600	3200	3800	4400	5000	5600
	Throws	25-51-85	33-66-97	41-76-108	48-83-117	56-89-126	64-95-135	71-101-143
	PT	0.035	0.059	0.090	0.127	0.170	0.219	0.275
	NC	<20	22	27	32	34	41	44
XG-JA-3P-20 XG-JA-AL-3P-20	CFM	3000	3900	4800	5700	6600	7500	8400
	Throws	31-62-104	40-81-119	50-93-132	59-102-144	68-109-155	78-117-165	87-123-175
	PT	0.035	0.059	0.090	0.127	0.170	0.219	0.275
	NC	<20	24	29	34	38	42	46
XG-JA-4P-20 XG-JA-AL-4P-20	CFM	4000	5200	6400	7600	8800	10000	11200
	Throws	36-72-120	47-93-137	57-108-152	68-117-166	79-126-179	90-135-190	101-143-202
	PT	0.035	0.059	0.090	0.127	0.170	0.219	0.275
	NC	<20	25	30	35	40	44	47

SERIES XG-JA PERFORMANCE**MODELS XG-JA, XG-JA-1P, XG-JA-2P, XG-JA-3P, XG-JA-4P**

Model	Nozzle Velocity (fpm)	458	596	733	871	1008	1146	1283
XG-JA-1EX-22 XG-JA-AL-1EX-22 XG-JA-22 XG-JA-AL-22	CFM	1000	1300	1600	1900	2200	2500	2800
	Throws	16-33-60	21-42-69	26-52-76	31-59-83	36-63-89	41-67-95	46-71-101
	PT	0.025	0.042	0.064	0.090	0.120	0.160	0.200
	NC	<20	<20	<20	23	26	28	31
Model	Nozzle Velocity (fpm)	454	606	758	909	1061	1212	1364
XG-JA-1EX-24 XG-JA-AL-1EX-24 XG-JA-24 XG-A-AL-24	CFM	1200	1600	2000	2400	2800	3200	3600
	Throws	17-34-66	23-46-76	29-57-85	34-66-93	40-71-101	46-76-108	51-81-114
	PT	0.025	0.042	0.068	0.096	0.130	0.170	0.220
	NC	<20	<20	21	25	30	34	39
Model	Nozzle Velocity (fpm)	477	636	796	955	1114	1273	1432
XG-JA-1EX-26 XG-JA-AL-1EX-26 XG-JA-26 XG-JA-AL-26	CFM	1500	2000	2500	3000	3500	4000	4500
	Throws	20-40-74	27-53-85	33-67-95	40-74-104	47-80-113	53-85-120	60-90-128
	PT	0.028	0.046	0.070	0.110	0.140	0.190	0.230
	NC	>20	>20	22	27	32	37	42

PERFORMANCE NOTES FOR SERIES XG-JA

All Data was tested in accordance with ANSI/ASHRAE 70-2006

DEFINITION OF UNITS:

- CFM** Airflow / Standard air density and isothermal conditions.
- NC** Noise Criteria [NC] curve which is not exceeded with a Room Attenuation of 10dB and based on power Level RE: 10^{-12} watts
- Pt** Total Pressure [Pt] Inches of water gauge required.
- Throws** Projection distance [Throw] in feet from the Nozzle discharge at which the maximum velocity has been reduced to specified terminal velocity [Vt]. 150 (fpm), 100 (fpm) & 50 (fpm)
- Nk Vel** Nozzle Discharge Velocity in feet per minute [fpm].
- Vt** Terminal Velocity, Maximum Velocity [Vt] in feet per minute [fpm] at the specified distance from the outlet face [Throw] 200 fpm, 100 fpm and 50 fpm respectively.