

PERFORMANCE DATA																								
Fan Model	Discharge	Static Pressures																		Nominal RPM	Watts	AMPS @60HZ		
		.000"		.100"		.125"		.250"		.375"		.500"		.625"		.750"		.875"					1.00"	
		CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone				CFM	Sone
VQ50	Right Angle	52	3.9	49	4.3	47	4.4	42	4.6	29	5.5											1870	48	0.7
VQ80	Right Angle	89	3.9	81	3.8	80	3.8	68	3.8	36	3.9											1280	48	0.5
VQ100	Right Angle	136	0.5	115	0.8	109	0.9	93	1.3	80	1.8	65	2.3	44	3.0	12	3.2					640	87	1.1
	Straight Through	138	0.7	117	0.9	112	1.0	94	1.3	80	1.8	67	2.2	46	2.8	13	3.0					650	87	1.1
VQ150	Right Angle	181	1.3	161	1.4	157	1.5	141	2.2	132	2.6	124	3.1	114	3.6	94	4.1	62	4.6			710	100	1.3
	Straight Through	179	1.4	163	1.6	160	1.6	149	2.0	142	2.5	133	3.0	122	3.3	105	3.6	73	3.9	23	42	750	100	1.3
VQ200	Right Angle	231	1.6	214	1.8	210	1.7	196	2.3	186	2.9	177	3.5	165	4.1	144	4.9	113	5.3	51	5.3	740	127	1.8
	Straight Through	224	1.5	210	1.8	207	2.0	197	2.3	187	2.7	179	3.4	167	4.0	144	4.5	99	5.1	41	5.2	760	127	1.8
VQ250	Right Angle	272	2.1	261	2.3	259	2.2	250	2.9	242	3.3	233	3.9	218	4.4	201	4.8	165	5.5	99	5.8	830	166	2.1
	Straight Through	269	2.3	261	2.6	259	2.7	253	3.0	248	3.3	239	3.7	224	4.2	203	4.7	171	5.4	101	5.6	860	166	2.1
VQ300	Right Angle	312	2.8	309	2.9	308	2.9	303	3.3	296	3.5	287	3.9	273	4.3	254	4.7	219	5.1	125	5.6	905	212	2.6
	Straight Through	319	2.6	314	2.9	313	3.0	306	3.4	299	3.6	288	3.9	274	4.4	251	4.7	219	5.0	120	5.5	940	212	2.6
VQ400	Right Angle	480	2.0	442	2.4	434	2.3	388	2.8	344	3.3	299	3.8	229	4.5	182	4.8	114	5.4	33	5.6	735	146	1.4
	Straight Through	467	2.3	428	2.6	416	2.6	378	3.0	335	3.5	291	4.0	237	5.1	170	5.5	85	5.7	8	5.9	755	146	1.4
VQ500	Right Angle	538	3.0	520	3.1	514	3.3	491	3.6	463	4.0	434	4.4	389	5.0	339	5.7	282	6.2	186	6.7	810	232	2.2
	Straight Through	539	2.9	517	3.1	512	3.2	481	3.4	451	3.8	418	4.2	367	4.8	319	5.9	247	6.3	137	6.4	865	232	2.2
VQ700	Right Angle	722	4.5	704	4.6	701	4.7	667	4.8	640	5.0	607	5.2	571	5.6	534	6.2	453	7.1	333	7.2	960	313	2.9
	Straight Through	708	5.2	691	5.0	687	5.0	658	5.7	628	5.8	597	6.1	560	6.4	515	7.4	444	7.1	312	7.6	985	313	2.9
VQ900	Right Angle	918	3.8	905	4.0	901	4.1	877	4.0	842	4.2	793	4.3	725	4.4	636	4.9	536	4.5	390	5.3	650	306	3.0
	Straight Through	909	3.8	892	3.4	885	3.4	850	3.5	807	3.6	756	3.7	695	3.9	568	4.2	440	4.3	282	4.4	650	306	3.0
VQ1500	Right Angle	1578	8.6	1526	8.4	1513	8.4	1438	8.1	1371	7.5	1285	7.0	1198	6.7	1103	6.2	1000	5.8	816	5.8	955	468	5.0
	Straight Through	1590	8.5	1519	8.4	1502	8.4	1423	8.1	1340	7.9	1259	7.5	1176	7.2	1069	7.1	954	6.9	689	6.5	955	468	5.0

Performance ratings include the effects of inlet grille and backdraft damper. Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for Installation Type B: Free inlet hemispherical sone levels. Performance certified is for Installations Type B: Free inlet, Ducted outlet.

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Fan Model	Discharge	Static Pressures																		Nominal RPM	Watts	AMPS @60HZ		
		.000"		.100"		.125"		.250"		.375"		.500"		.625"		.750"		.875"					1.00"	
		CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone				CFM	Sone
VQL100	Right Angle	109	0.5	98	0.8	96	0.8	88	1.2	82	1.6	78	2.0	67	2.3	48	2.5	16	2.8			780	87	1.1
	Straight Through	121	0.5	108	0.7	106	0.7	97	1.1	93	1.4	86	1.8	70	2.1	44	2.4	17	2.6			760	87	1.1
VQL150	Right Angle	144	1.2	138	1.4	137	1.4	131	1.6	123	1.9	114	2.1	102	2.4	83	2.5	54	2.7	17	2.9	950	100	1.3
	Straight Through	153	0.9	148	1.0	147	1.1	140	1.4	134	1.6	125	1.9	111	2.1	91	2.2	54	2.4	18	2.6	920	100	1.3
VQL200	Right Angle	183	1.6	177	1.6	176	1.6	170	1.9	163	2.3	152	2.7	137	2.9	121	3.1	96	3.4	51	3.6	930	127	1.8
	Straight Through	205	1.7	196	1.9	195	1.9	190	2.1	185	2.3	175	2.4	158	3.0	135	3.3	96	3.4	47	3.4	865	127	1.8
VQL250	Right Angle	229	2.4	224	2.5	222	2.6	214	2.8	204	3.0	193	3.2	177	3.4	157	3.7	132	3.8	95	3.8	1115	166	2.1
	Straight Through	248	2.0	245	2.3	245	2.3	241	2.6	235	2.8	224	3.2	208	3.4	183	3.6	141	3.9	84	3.8	1005	166	2.1
VQL300	Right Angle	270	3.7	261	3.7	259	3.7	248	3.7	234	3.9	220	3.9	200	4.0	174	4.2	146	4.4	104	4.0	1285	212	2.6
	Straight Through	300	2.9	294	3.0	293	3.1	285	3.3	274	3.4	259	3.5	243	3.6	214	3.7	168	4.0	113	3.9	1145	212	2.6
VQL400	Right Angle	442	1.6	415	1.7	408	1.7	372	2.0	336	2.4	296	2.6	239	3.1	193	3.4	111	3.9	28	4.1	875	146	1.4
	Straight Through	450	1.4	415	1.6	406	1.6	360	1.9	313	2.2	271	2.6	223	2.9	167	3.4	90	3.6	6	3.9	775	146	1.4
VQL500	Right Angle	528	2.9	516	3.8	513	3.4	494	3.7	470	3.5	446	3.6	415	3.9	389	4.0	334	4.2	247	4.4	990	232	2.2
	Straight Through	546	2.4	526	2.4	519	3.4	496	3.7	472	3.9	447	3.8	407	3.9	364	4.0	306	4.3	232	4.3	890	232	2.2
VQL700	Right Angle	680	5.0	667	5.0	663	5.0	644	5.3	621	5.2	594	5.1	557	5.3	513	5.5	440	5.4	342	5.5	1205	313	2.9
	Straight Through	704	3.6	686	3.8	681	3.7	656	3.9	631	4.0	604	4.2	575	4.3	533	4.4	480	4.7	412	5.0	1090	313	2.9
VQL900	Right Angle	795	4.3	778	4.5	772	4.4	743	4.6	709	4.4	668	4.2	613	4.1	527	4.3	432	4.2	291	4.3	755	306	3.0
	Straight Through	930	3.7	902	3.8	894	3.8	853	3.8	807	3.7	754	3.8	685	3.9	587	4.0	442	4.0	300	4.1	810	306	3.0
VQL1500	Right Angle	1160	7.9	1117	7.8	1106	7.9	1051	7.4	998	7.1	928	6.8	856	6.3	769	5.9	657	5.4	499	5.4	1020	468	5.0
	Straight Through	1275	6.8	1228	6.8	1214	6.7	1152	6.5	1092	6.3	1029	6.0	958	6.0	871	6.0	764	6.0	631	6.1	1055	468	5.0

Performance ratings include the effects of backdraft damper. Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculate per AMCA Standard 301. Values shown are for Installation Type D: Ducted inlet hemispherical sone levels. Ratings do not include the effect of duct end correction. Performance ratings include the effects of 18 feet of round inlet duct, if needed, a rectangular to round duct transition in the airstream. Performance certified is for Installation Type D: Ducted inlet, Ducted outlet.

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		CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone	CFM	Sone				CFM	Sone
VQL2000	Right Angle	2070	11.1	1931	10.3	1898	10.1	1769	9.7	1609	9.4	1424	9.2	1314	8.5	795	7.0	288	6.7			1020	635	5.8
	Straight Through	1891	10.3	1803	9.8	1791	9.4	1657	9.0	1508	8.6	1347	9.1	1165	8.9	808	7.0	284	6.7			965	590	5.8
VQL3500	Right Angle	3868	14.6	3714	14.2	3696	14.2	3537	13.3	3356	12.8	3168	12.5	2951	11.6	2671	11.4	2384	11.4	2005	13.4	1110	1205	5.4
	Straight Through	3605	15.3	3498	14.8	3452	14.5	3278	14.1	3073	13.1	2893	12.8	2679	12.1	2429	11.8	2093	11.9	1693	10.8	1105	1204	5.4

Performance ratings do not include the effects of appurtenances (accessories). Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values shown for Installation Type D: Ducted inlet hemispherical sone levels. Ratings do not include the effect of duct end correction. Performance certified is for Installation Type D: Ducted inlet, Ducted outlet.

