

Specifications

Electric motor & Fan data*

Model	CFM	Sound dB(A)* at 7 FT	HP	Volts	Phase	Full Load Amps	HZ	Nema Frame	RPM	Type	Circuit	Thermal Overload	Bearing B-Ball
AOVH-5	780	85	1/2	115/208-230	1	7.4/3.9-3.7	60	48	3450	TEFC	C	No	B
	780	85	1/2	208-230/460	3	2.1-2./1.	60	48	3450	TEFC	D	No	B
AOVH-10	1110	85	1/2	115/208-230	1	7.4/3.9-3.7	60	48	3450	TEFC	A	No	B
	1110	85	1/2	208-230/460	3	2.1-2./1.	60	48	3450	TEFC	D	No	B
AOVH-15	1590	91	1/2	115/208-230	1	7.4/3.9-3.7	60	48	3450	TEFC	A	No	B
	1590	91	1/2	208-230/460	3	2.1-2./1.	60	48	3450	TEFC	D	No	B
AOVH-20	2168	91	1/2	115/208-230	1	7.4/3.9-3.7	60	48	3450	TEFC	C	No	B
	2168	91	1/2	208-230/460	3	2.1-2./1.	60	48	3450	TEFC	D	No	B
AOVH-25	3000	81	1	115/208-230	1	12.4/6.5-6.2	60	56	1725	TEFC	C	No	B
	3000	81	1	208-230/460	3	3.6-3.4/1.7	60	56	1725	TEFC	D	No	B
AOVH-30	4095	84	1	115/208-230	1	12.4/6.5-6.2	60	56	1725	TEFC	C	No	B
	4095	84	1	208-230/460	3	3.6-3.4/1.7	60	56	1725	TEFC	D	No	B
AOVH-35	Not Available				1	9.-8.6/4.3	60	182T	1725	TEFC	D	No	B
	5921	89	3	208-230/460	3	9.-8.6/4.3	60	182T	1725	TEFC	D	No	B
AOVH-40	Not Available				1	9.-8.6/4.3	60	182T	1725	TEFC	D	No	B
	9609	91	3	208-230/460	3	9.-8.6/4.3	60	182T	1725	TEFC	D	No	B

*Published electrical ratings are approximate, and may vary because of motor brand. Actual ratings are on motor nameplate.

**Catalog dB(A) sound levels are at seven (7) feet. dB(A) sound levels increase by six (6) dB(A) for halving this distance and decrease by six (6) dB(A) for doubling this distance.

Explosion Proof Motors (Class I GP.D & Class II GP.F, G)*

Model	CFM	Sound dB(A)* at 7 FT	HP	Volts	Phase	Full Load Amps	HZ	Nema Frame	RPM	Type	Circuit	Thermal Overload	Bearing B-Ball
AOVH-5	780	85	1/2	115/230	1	7.4/3.7	60	48	3450	FC	C	Yes	B
	780	85	1/2	208-230/460	3	2.4-2.2/1.1	60	48	3450	FC	D	Yes	B
AOVH-10	1110	85	1/2	115/230	1	7.4/3.7	60	48	3450	FC	C	Yes	B
	1110	85	1/2	208-230/460	3	2.4-2.2/1.1	60	48	3450	FC	D	Yes	B
AOVH-15	1590	91	1/2	115/230	1	7.4/3.7	60	48	3450	FC	C	Yes	B
	1590	91	1/2	208-230/460	3	2.4-2.2/1.1	60	48	3450	FC	D	Yes	B
AOVH-20	2168	91	1/2	115/230	1	7.4/3.7	60	48	3450	FC	C	Yes	B
	2168	91	1/2	208-230/460	3	2.4-2.2/1.1	60	48	3450	FC	D	Yes	B
AOVH-25	3000	81	1	115/230	1 ▲	12.4/6.2	60	56	1725	FC	C	Yes	B
	3000	81	1	230/460	3	3.4/1.7	60	56	1725	FC	D	No	B
AOVH-30	4095	84	1	115/230	1 ▲	12.4/6.2	60	56	1725	FC	C	Yes	B
	4095	84	1	230/460	3	3.4/1.7	60	56	1725	FC	D	No	B
AOVH-35	Not Available				1	8.6/4.3	60	182T	1725	FC	D	No	B
	5921	89	3	230/460	3	8.6/4.3	60	182T	1725	FC	D	No	B
AOVH-40	Not Available				1	8.6/4.3	60	182T	1725	FC	D	No	B
	9609	91	3	230/460	3	8.6/4.3	60	182T	1725	FC	D	No	B

*Published electrical ratings are approximate, and may vary because of motor brand. Actual ratings are on motor nameplate.

▲ = CL. 1, GP. D only TEFC = Totally enclosed, fan cooled FC = Fan cooled C = Capacitor start - Induction run D = Squirrel cage

C_v Viscosity Correction

Average Oil Temp °F	OIL					
	SAE 5 110 SSU at 100°F 40 SSU at 210°F	SAE 10 150 SSU at 100°F 43 SSU at 210°F	SAE 20 275 SSU at 100°F 50 SSU at 210°F	SAE 30 500 SSU at 100°F 65 SSU at 210°F	SAE 40 750 SSU at 100°F 75 SSU at 210°F	50-50 Ethylene Glycol & Water
100	1.14	1.22	1.35	1.58	1.77	1.11
150	1.01	1.05	1.11	1.21	1.31	1.02
200	.99	1.00	1.01	1.08	1.10	.96
250	.95	.98	.99	1.00	1.00	.95

