

# AirMMax

## AMLT Three Lobe Roots Blower

[www.AirMMaxBlower.com](http://www.AirMMaxBlower.com)



Qingdao AirMMax Aeration Equipment Co., Ltd

## ABOUT US

We established AirMMax with the vision to develop the company into a leading roots blower and turbo blower manufacturer and supplier. We built a 10000 m<sup>2</sup> modern production plant equipped with automatic production CNC machine and experienced engineer and skilled assembly and installation worker in our team, which ensure AirMMax roots blower and turbo blower achieve a better operational performance and customer satisfaction.

We focus on the R&D, production, marketing and service of roots blower, turbo blower and turbo blower aerator, we design and manufacture roots blower, turbo blower and turbo blower aerator based on its unique application site and operating condition.

We have professional engineer who knows blower aeration system in water treatment plant, we have aquaculture expert who have 10 years experience in aquaculture aeration system in high density shrimp farming and hatchery, which ensure turbo blower aerator save more electricity, and we have biogas blower expert who is skilled in POME treatment to biogas power generation.

We work as solution provider on the basis of roots blower, turbo blower and turbo blower aerator, our aquaculture technical team design aeration system for high density shrimp farming and hatchery, our purchase expert launch one-stop purchase package including aerotube and diffuser, HDPE liner for customer.

Pursuit of “Customer Supreme, Quality First”, we look forward to your continuous trust and support.



## ROOTS BLOWER

AirMMax roots blower is three lobe type roots blower with pressure reaching up to 150kpa in single stage roots blower and pressure reaching up to 200kpa in double stage roots blower, air capacity reach up to 30000m<sup>3</sup>/hour.



## STAINLESS STEEL BLOWER

AirMMax stainless steel blower is SS304, SS316L and 2205 material, we cooperate qualified stainless steel foundry factory and machined by professional stainless steel CNC machine.



## BIOGAS BLOWER

AirMMax biogas blower is specially designed and developed to boost biogas in biogas plant in the palm oil mill effluent (POME) treatment system.



## TURBO BLOWER

AirMMax has both air bearing turbo blower and magnetic bearing turbo blower.



# AMLT Three Lobe Roots Blower

## Pressure Performance Table

Qs: Inlet air flow (m3/min)

La: Blower shaft power (Kw)

Model	Bore	RPM	Pressure																							
			9.8KPA		14.7KPA		19.6KPA		24.5KPA		29.4KPA		34.3KPA		39.2KPA		44.1KPA		49KPA		53.9KPA		58.8KPA			
			Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La		
AMLT 40	50A	1100	1.23	0.30	1.15	0.41	1.13	0.52	1.04	0.67	0.99	0.78	0.93	0.91	0.90	1.04	0.84	1.16	0.79	1.32	0.70	1.54	0.68	1.60		
		1240	1.39	0.38	1.31	0.50	1.28	0.64	1.19	0.79	1.14	0.92	1.08	1.05	1.05	1.20	0.99	1.37	0.95	1.49	0.88	1.65	0.85	1.78		
		1350	1.54	0.44	1.46	0.61	1.43	0.74	1.33	0.85	1.28	1.04	1.26	1.17	1.19	1.34	1.16	1.53	1.10	1.65	1.03	1.80	1.00	1.95		
		1450	1.67	0.50	1.56	0.64	1.55	0.82	1.44	0.96	1.40	1.14	1.35	1.30	1.30	1.47	1.22	1.63	1.21	1.79	1.12	1.91	1.15	2.15		
		1530	1.76	0.56	1.67	0.75	1.64	0.90	1.54	1.07	1.49	1.24	1.46	1.41	1.39	1.58	1.34	1.74	1.31	1.92	1.28	2.12	1.25	2.29		
		1640	1.90	0.64	1.80	0.81	1.77	1.01	1.72	1.15	1.62	1.37	1.68	1.54	1.55	1.74	1.51	1.88	1.44	2.10	1.40	2.28	1.39	2.49		
		1730	2.01	0.71	1.92	0.95	1.88	1.10	1.83	1.25	1.73	1.48	1.80	1.68	1.62	1.86	1.71	2.03	1.54	2.25	1.64	2.47	1.49	2.66		
		1840	2.14	0.80	2.12	1.03	2.01	1.20	2.00	1.39	1.86	1.62	1.93	1.79	1.75	2.02	1.84	2.25	1.68	2.43	1.77	2.65	1.63	2.86		
AMLT 50	50A	1140	1.68	0.38	1.56	0.63	1.49	0.80	1.43	1.02	1.32	1.16	1.24	1.37	1.18	1.52	1.15	1.74	1.08	1.82	0.99	2.02	0.96	2.16		
		1240	1.93	0.48	1.85	0.72	1.74	0.92	1.64	1.14	1.58	1.33	1.53	1.55	1.44	1.74	1.36	1.94	1.33	2.10	1.25	2.32	1.22	2.48		
		1360	2.17	0.56	2.09	0.83	1.99	1.04	1.86	1.26	1.82	1.48	1.78	1.73	1.68	1.94	1.65	2.20	1.57	2.35	1.51	2.55	1.43	2.72		
		1450	2.32	0.63	2.25	0.85	2.15	1.12	2.06	1.36	2.00	1.60	1.96	1.83	1.86	2.10	1.83	2.34	1.75	2.54	1.70	2.75	1.64	3.00		
		1530	2.46	0.70	2.36	0.98	2.29	1.20	2.24	1.47	2.14	1.72	2.10	1.95	2.02	2.25	1.98	2.52	1.91	2.72	1.86	2.95	1.80	3.20		
		1640	2.67	0.80	2.60	1.05	2.50	1.33	2.45	1.62	2.36	1.89	2.33	2.15	2.24	2.41	2.21	2.75	2.13	2.95	2.08	3.24	2.02	3.46		
		1740	2.87	0.89	2.94	1.20	2.70	1.46	2.65	1.76	2.56	2.04	2.54	2.32	2.44	2.64	2.42	2.96	2.33	3.16	2.28	3.47	2.22	3.70		
		1820	3.03	0.96	3.02	1.25	2.86	1.56	2.84	1.88	2.72	2.16	2.69	2.44	2.60	2.79	2.57	3.12	2.49	3.33	2.44	3.65	2.38	3.90		
AMLT 65	65A	1140	3.10	1.04	3.03	1.34	2.91	1.60	2.83	1.95	2.78	2.14	2.69	2.45	2.63	2.69	2.53	3.02	2.49	3.22	2.38	3.45	2.37	3.74		
		1230	3.38	1.14	3.26	1.44	3.19	1.76	3.09	2.04	3.06	2.35	2.96	2.63	2.91	2.94	2.81	3.25	2.77	3.53	2.65	3.83	2.64	4.11		
		1300	3.60	1.22	3.53	1.55	3.42	1.89	3.36	2.23	3.27	2.51	3.23	2.85	3.12	3.14	3.06	3.47	2.98	3.77	2.92	4.07	2.85	4.41		
		1360	3.78	1.29	4.00	1.65	3.60	1.99	3.83	2.35	3.46	2.64	3.70	2.97	3.30	3.31	3.54	3.65	3.17	3.98	3.40	4.32	3.03	4.65		
		1460	4.09	1.40	4.01	1.80	3.91	2.17	3.89	2.53	3.76	2.87	3.73	3.22	3.62	3.60	3.57	3.91	3.47	4.32	3.42	4.65	3.35	5.06		
		1560	4.39	1.52	4.20	1.95	4.11	2.32	4.04	2.76	4.00	3.10	3.99	3.46	3.93	3.88	3.89	4.41	3.78	4.66	3.70	5.25	3.66	5.48		
		1650	4.67	1.62	4.56	2.13	4.49	2.50	4.44	2.94	4.36	3.31	4.23	3.75	4.16	4.14	4.11	4.74	4.06	4.98	4.00	5.62	3.93	5.85		
		1730	4.91	1.71	4.81	2.25	4.74	2.64	4.70	3.05	4.60	3.50	4.55	3.94	4.46	4.36	4.43	4.82	4.31	5.26	4.26	5.72	4.19	6.18		
		1820	5.19	1.81	5.13	2.35	5.01	2.80	4.97	3.25	4.88	3.70	4.81	4.13	4.74	4.62	4.66	5.06	4.59	5.57	4.50	6.04	4.46	6.56		
AMLT 80	80A	1060	4.58	1.35	4.43	1.83	4.28	2.31	4.08	2.72	3.95	3.10	3.85	3.55	3.70	3.97	3.58	4.46	3.49	4.95	3.35	5.42	3.29	5.86		
		1140	4.98	1.52	4.83	2.03	4.66	2.46	4.53	2.94	4.36	3.41	4.26	3.93	4.12	4.38	4.04	4.86	3.91	5.38	3.83	5.85	3.72	6.38		
		1220	5.38	1.68	5.16	2.22	5.04	2.70	4.88	3.23	4.76	3.71	4.64	4.22	4.53	4.76	4.45	5.27	4.33	5.76	4.25	6.35	4.14	6.90		
		1310	5.74	1.87	5.61	2.43	5.45	2.96	5.35	3.52	5.18	4.05	5.06	4.63	4.95	5.18	4.87	5.77	4.75	6.30	4.66	6.95	4.56	7.48		
		1460	6.54	2.18	6.36	2.75	6.26	3.40	6.14	3.95	6.00	4.62	5.88	5.22	5.78	5.87	5.67	6.54	5.59	7.10	5.45	7.76	5.40	8.45		
		1560	6.92	2.40	6.80	3.04	6.65	3.67	6.56	4.32	6.40	4.98	6.31	5.65	6.19	6.30	6.08	6.97	6.00	7.61	5.89	8.35	5.82	9.00		
		1680	7.64	2.78	7.48	3.45	7.37	4.18	7.27	4.92	7.13	5.62	7.05	6.33	6.92	7.08	6.85	7.85	6.74	8.50	6.65	9.32	6.56	10.03		
		1780	8.10	3.05	7.95	3.83	7.85	4.56	7.76	5.35	7.62	6.10	7.55	6.84	7.42	7.63	7.35	8.45	7.24	9.15	7.16	9.95	7.07	10.71		
		1880	8.58	3.33	8.44	4.15	8.37	4.93	8.24	5.77	8.15	6.55	8.04	7.35	7.95	8.18	7.89	9.03	7.78	9.80	7.65	10.64	7.61	11.42		
AMLT 100	100A	980	6.51	1.65	6.33	2.25	6.16	2.80	6.04	3.42	5.95	4.10	5.81	4.73	5.75	5.40	5.63	6.13	5.56	6.70	5.45	7.22	5.38	8.05		
		1050	6.96	1.90	6.76	2.53	6.64	3.15	6.53	3.83	6.42	4.53	6.33	5.22	6.22	5.95	6.14	6.63	6.04	7.30	5.93	7.93	5.86	8.75		
		1200	8.01	2.50	7.83	3.22	7.66	3.92	7.54	4.72	7.45	5.50	7.33	6.25	7.25	7.10	7.13	7.92	7.01	8.65	6.95	9.43	6.91	10.25		
		1300	8.76	2.90	8.54	3.63	8.41	4.50	8.26	5.33	8.19	6.20	8.08	7.03	8.00	7.90	7.94	8.83	7.83	9.65	7.76	10.03	7.65	11.40		
		1390	9.31	3.20	9.13	4.02	8.96	4.90	8.86	5.82	8.74	6.70	8.66	7.62	8.54	8.50	8.43	9.42	8.38	10.35	8.25	11.27	8.21	12.20		
		1450	9.73	3.45	9.49	4.23	9.36	5.20	9.24	6.13	9.15	7.10	9.04	8.03	8.95	9.00	8.83	9.93	8.78	10.90	8.73	11.82	8.61	12.80		
		1530	10.28	3.80	10.10	4.72	9.91	5.65	9.83	6.63	9.70	7.65	9.63	8.62	9.50	9.60	9.44	10.62	9.34	11.60	9.23	12.63	9.16	13.60		
		1630	10.97	4.30	10.74	5.23	10.58	6.25	10.46	7.23	10.37	8.35	10.26	9.33	10.17	10.35	10.09	11.33	10.02	12.40	9.95	13.53	9.86	14.60		
		1750	11.79	4.90	11.53	5.82	11.39	6.95	11.28	7.93	11.18	9.18	11.08	10.22	10.99	11.26	10.94	12.35	10.84	13.38	10.73	14.72	10.67	15.80		
AMLT 100L	100A	1290	12.48	5.33	12.28	6.47	12.10	7.61	11.93	8.70	11.75	9.88	11.61	11.02	11.46	12.15	11.33	13.29	11.20	14.43	11.06	15.56	10.94	16.69		
		1350	13.11	5.57	12.91	6.75	12.72	7.94	12.55	9.12	12.39	10.31	12.24	11.49	12.08	12.68	11.95	13.86	11.82	15.05	11.68	16.23	11.57	17.42		
		1430	13.95	5.88	13.74	7.13	13.56	8.38	13.38	9.63	13.21	10.88	13.07	12.13	12.91	13.38	12.78	14.63	12.65	15.87	12.52	17.13	12.40	18.38		
		1530	14.99	6.26	14.78	7.59	14.59	8.93	14.43	10.25	14.25	11.58	14.13	12.92	13.96	14.25	13.83	15.58	13.69	16.91	13.56	18.25	13.45	19.58		
		1650	16.24	6.72	16.04	8.15	15.85	9.58	15.68	11.01	15.51	12.44	15.36	13.87	15.21	15.30	15.08	16.73	14.95	18.16	14.81	19.59	14.7	21.02		

# AMLT Three Lobe Roots Blower

## Pressure Performance Table

Qs: Inlet air flow (m3/min)

La: Blower shaft power (Kw)

Model	Bore	RPM	Pressure																							
			9.8KPA		14.7KPA		19.6KPA		24.5KPA		29.4KPA		34.3KPA		39.2KPA		44.1KPA		49KPA		53.9KPA		58.8KPA			
			Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La		
AMLT 125	125A	810	12.02	3.86	11.75	5.03	11.54	6.20	11.33	7.32	11.15	8.50	11.02	9.62	10.86	10.80	10.74	11.97	10.65	13.20	10.45	14.42	10.39	15.60		
		860	12.81	4.41	12.64	5.63	12.40	6.86	12.23	8.03	12.03	9.30	11.84	10.47	11.75	11.70	11.63	13.03	11.54	14.25	11.42	15.53	11.27	16.80		
		970	14.71	5.59	14.52	7.02	14.30	8.30	14.13	9.63	13.95	11.05	13.82	12.43	13.70	13.80	13.62	15.23	13.50	16.60	13.33	18.03	13.23	19.40		
		1110	17.08	7.01	16.92	8.62	16.70	10.15	16.54	11.72	16.37	13.10	16.23	14.84	16.15	16.50	16.07	18.03	15.95	19.60	15.82	21.23	15.70	22.80		
		1180	18.25	7.80	18.13	9.43	17.92	11.10	17.75	12.73	17.59	14.40	17.46	16.03	17.37	17.80	17.25	19.42	17.17	21.10	17.05	22.82	16.97	24.40		
		1240	19.27	8.45	19.12	10.21	18.95	11.90	18.75	13.62	18.63	15.40	18.55	17.05	18.43	18.90	18.35	20.72	18.23	22.40	18.15	24.23	18.03	25.80		
		1400	22.00	10.20	21.85	12.12	21.70	14.00	21.53	15.93	21.40	17.90	21.32	19.92	21.20	21.90	21.15	23.83	21.05	25.80	20.95	27.93	20.87	29.70		
		1450	22.85	10.70	22.70	12.75	22.58	14.68	22.45	16.68	22.33	18.70	22.23	20.80	22.12	22.90	22.01	24.85	21.92	26.88	21.83	29.00	21.74	30.90		
		1520	23.93	11.65	23.84	13.38	23.68	15.90	23.52	17.43	23.40	20.15	22.56	21.59	23.21	24.60	23.13	25.84	23.04	28.90	22.95	30.20	22.82	33.30		
		1620	25.42	13.40	25.32	15.62	25.15	18.00	25.02	20.42	24.86	22.60	24.74	25.03	24.68	27.40	24.55	29.63	24.48	32.05	24.32	34.42	24.27	36.90		
1730	27.05	15.30	26.94	17.63	26.77	20.20	26.63	22.92	26.48	25.30	26.33	27.92	26.27	30.40	26.15	33.02	26.08	35.55	25.95	38.02	25.87	40.89				
AMLT 150	150A	970	22.73	7.90	22.20	10.19	22.13	11.25	21.63	13.35	21.05	15.46	20.85	17.57	20.53	19.65	20.21	21.75	20.12	23.87	19.83	26.03	19.65	28.14		
		1110	26.75	12.21	26.54	11.94	26.33	13.14	25.83	15.53	25.50	17.93	25.24	20.33	24.83	22.73	24.55	25.10	24.23	27.53	24.07	29.93	23.95	32.33		
		1180	28.65	13.23	28.50	12.54	28.35	13.84	27.96	16.35	27.55	18.95	27.17	21.47	26.83	24.07	26.57	26.63	26.34	29.15	26.15	31.74	25.95	34.26		
		1240	30.25	12.65	30.10	13.43	29.94	14.75	29.53	17.47	29.15	20.16	28.85	22.58	28.55	25.54	28.27	28.24	28.05	30.93	27.84	33.65	27.63	36.26		
		1400	34.22	16.75	33.93	16.70	33.65	18.54	33.35	21.65	33.26	25.54	32.83	27.57	32.55	30.64	32.33	33.63	32.03	36.65	31.82	39.71	31.62	42.76		
		1460	35.26	17.47	35.10	17.25	35.04	19.09	34.69	22.45	34.50	25.79	34.09	28.55	33.86	31.74	33.64	34.85	33.34	38.01	33.18	41.68	32.94	44.36		
		1520	36.65	17.51	36.54	17.80	36.43	19.64	36.03	22.94	35.73	26.23	35.35	29.52	35.17	32.83	34.95	36.07	34.65	39.37	34.52	43.65	34.25	45.95		
1620	38.67	18.72	38.52	21.13	38.36	22.87	38.03	26.43	37.84	29.94	37.43	33.42	37.15	36.96	36.96	40.43	36.65	43.95	36.55	47.75	36.35	50.97				
AMLT 175	200A	900	28.68	11.02	28.50	12.25	28.35	13.84	27.87	16.24	27.55	18.95	27.12	22.35	26.83	24.07	26.56	27.89	26.34	29.15	26.10	32.08	25.95	34.26		
		1070	34.18	17.16	33.90	17.85	33.65	18.54	33.40	22.10	33.26	24.54	32.88	28.75	32.55	30.64	32.28	34.01	32.00	32.03	31.90	31.79	31.80	31.62		
		1160	36.98	17.45	36.83	18.01	36.43	19.64	36.03	23.55	35.73	26.23	35.41	30.38	35.17	32.83	34.89	36.95	34.65	39.37	34.41	43.02	34.25	45.95		
		1240	39.64	18.32	39.01	20.25	38.36	22.87	38.05	28.58	37.84	29.94	37.49	33.87	37.15	36.69	36.80	40.18	36.65	43.95	36.44	47.30	36.35	50.97		
		1320	40.79	21.47	40.49	23.25	40.17	25.03	39.85	30.01	39.64	32.53	39.38	37.98	39.15	40.03	38.91	45.12	38.77	47.53	38.61	52.61	38.45	55.03		
1450	51.30	13.00	49.20	17.50	49.11	22.00	49.03	26.30	48.80	31.30	48.20	35.00	47.70	40.00	47.20	45.00	46.90	49.10	46.60	53.20	46.30	58.10				
AMLT 200S	200A	810	31.17	11.26	30.81	12.94	30.54	14.63	29.95	17.62	20.66	29.23	23.85	28.87	26.96	28.55	29.97	28.24	33.14	27.93	36.07	27.65	39.07			
		900	35.01	13.41	34.71	15.27	34.41	17.12	34.01	20.42	33.62	24.22	33.34	27.55	33.03	30.95	32.75	34.42	32.36	37.85	32.05	41.04	31.73	44.35		
		980	38.52	15.52	38.42	17.42	38.10	19.31	37.62	22.91	37.31	27.15	37.07	30.76	36.75	34.53	36.44	38.25	36.05	42.04	35.66	45.55	35.25	49.35		
		1070	42.53	17.81	42.29	19.52	42.03	21.22	41.63	25.82	41.43	30.12	41.11	34.45	40.95	38.66	40.58	42.63	40.17	46.84	39.75	50.73	39.45	54.97		
		1150	46.01	19.92	45.76	21.82	45.51	23.71	45.31	28.12	45.01	32.74	44.82	37.24	44.62	42.04	44.23	46.64	44.75	50.97	43.44	55.07	43.18	59.76		
		1230	49.13	21.91	48.93	24.16	48.72	26.42	48.42	31.23	48.23	36.22	48.11	41.23	47.71	46.02	47.41	50.72	47.01	55.52	46.82	59.81	46.62	64.81		
		1310	52.21	24.32	52.01	26.76	51.81	29.23	51.51	34.21	51.32	39.62	51.13	44.81	50.92	50.11	50.62	55.02	50.42	59.91	50.13	64.52	49.81	69.72		
		1390	55.33	26.61	54.43	29.22	54.73	31.82	54.63	37.41	54.41	42.92	54.31	48.53	54.12	54.22	53.93	59.21	53.61	64.42	53.42	69.11	53.22	74.62		
1480	58.81	28.92	58.61	31.58	58.41	34.23	58.21	40.41	58.03	46.52	57.82	52.33	57.71	58.11	57.51	63.62	57.36	68.92	57.22	74.22	57.14	80.12				
AMLT 200	200A	970	50.02	18.58	48.56	19.87	47.75	21.16	46.54	26.45	45.90	31.74	45.30	37.03	44.75	43.32	44.24	47.61	43.75	53.09	43.28	58.18	42.84	63.47		
		1250	65.84	21.64	64.88	23.45	64.08	28.67	63.37	36.08	62.72	44.90	62.13	42.72	61.58	54.53	61.06	61.35	60.57	68.16	60.11	74.98	59.66	81.79		
		1450	77.86	23.75	76.90	25.12	76.09	34.49	75.01	39.54	74.44	47.44	73.85	55.35	73.24	63.26	72.88	74.16	72.29	79.07	71.92	86.97	71.53	94.88		
		1600	86.37	24.25	85.72	26.18	84.88	34.90	84.40	43.63	83.35	53.35	82.86	61.06	82.11	73.80	81.89	78.52	81.16	87.25	80.84	95.97	80.39	106.70		
AMLT 250S	250A	990	63.60	15.50	63.40	21.20	63.10	28.80	62.90	35.80	62.70	41.80	62.50	48.60	62.20	55.30	62.10	61.80	66.70	61.60	73.30	61.40	76.70			
		1170	75.00	19.10	74.70	25.80	74.30	33.90	74.10	42.20	73.60	49.10	73.10	56.90	72.70	64.60	72.30	72.50	72.01	77.80	71.70	85.30	71.30	89.20		
		1250	80.30	19.60	80.00	26.80	79.60	36.30	79.20	45.20	78.80	52.60	78.50	61.10	78.20	69.50	77.90	78.10	77.40	83.60	77.10	91.70	76.80	96.10		
		1360	90.40	21.60	90.00	29.60	88.70	40.50	88.50	50.40	88.30	58.90	88.10	68.50	87.80	78.10	87.50	87.60	87.20	94.20	86.90	103.40	86.60	108.30		
		1480	97.10	23.20	96.50	31.50	96.50	44.10	96.20	54.80	96.00	64.10	95.80	74.50	95.50	84.90	95.20	95.80	95.10	102.60	94.50	112.50	94.40	117.30		
AMLT 250	250A	990	89.30	21.90	89.20	30.10	88.90	32.10	88.70	46.10	88.50	55.30	88.30	64.30	88.10	73.40	87.90	73.20	87.60	77.10	87.40	94.30	87.10	108.80		
		1170	105.80	25.00	105.40	34.60	105.10	43.70	104.70	54.40	104.30	65.20	104.10	75.90	103.80	86.40	103.50	90.60	103.20	101.10						

# AMLT Three Lobe Roots Blower

## Pressure Performance Table

Qs: Inlet air flow (m<sup>3</sup>/min)

La: Blower shaft power (Kw)

Model	Bore	RPM	Pressure															
			63.7KPA		68.6KPA		73.5KPA		78.4KPA		83.3KPA		88.2KPA		93.1KPA		98.0KPA	
			Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
AMLT 40	50A	1240	0.79	2.02	0.73	2.10	0.69	2.49	0.62	2.79	0.61	3.37	0.56	3.95	0.50	4.17	0.45	4.41
		1350	0.96	2.24	0.85	2.28	0.86	2.76	0.79	3.01	0.78	3.40	0.76	3.92	0.73	4.37	0.69	4.81
		1450	1.07	2.36	1.00	2.42	0.97	2.90	0.93	3.21	0.90	3.68	0.87	4.05	0.83	4.60	0.79	5.07
		1530	1.23	2.56	1.18	2.52	1.16	3.18	1.13	3.56	1.08	3.88	1.03	4.20	0.90	4.61	0.85	5.10
		1640	1.39	2.76	1.35	2.63	1.32	3.32	1.29	3.75	1.24	4.27	1.18	4.43	1.13	4.80	1.06	5.20
		1730	1.50	2.93	1.46	2.92	1.42	3.54	1.39	3.91	1.31	4.38	1.26	4.70	1.22	5.12	1.14	5.50
AMLT 50	50A	1240	1.13	2.89	1.10	2.88	1.03	3.49	0.98	4.01	0.89	4.20	0.88	4.56	0.83	4.92	0.78	5.28
		1360	1.39	3.08	1.31	3.05	1.28	3.76	1.19	4.12	1.17	4.40	1.15	5.02	1.12	5.40	1.08	5.87
		1450	1.60	3.35	1.51	3.42	1.47	4.05	1.40	4.21	1.41	4.85	1.38	5.23	1.35	5.51	1.31	5.96
		1530	1.74	3.50	1.70	3.60	1.64	4.14	1.57	4.39	1.53	5.10	1.48	5.40	1.42	5.62	1.35	6.01
		1640	1.98	3.74	1.90	3.94	1.86	4.42	1.79	4.54	1.75	5.25	1.70	5.40	1.65	5.78	1.60	6.10
		1740	2.18	4.13	2.10	4.27	2.06	5.05	2.00	4.65	1.92	5.80	1.84	6.10	1.75	6.35	1.70	6.50
AMLT 65	65A	1140	2.27	4.09	2.25	4.22	2.19	4.83	2.14	4.73	2.01	5.61	1.96	5.97	1.89	6.33	1.82	6.69
		1230	2.52	4.49	2.49	4.71	2.37	5.30	2.35	5.32	2.25	6.10	2.19	6.45	2.12	6.81	2.06	7.17
		1300	2.77	4.82	2.71	5.11	2.61	5.69	2.55	5.85	2.48	6.40	2.40	6.71	2.35	7.26	2.29	7.66
		1360	2.95	5.18	2.87	5.27	2.77	5.99	2.73	5.93	2.62	6.80	2.57	7.21	2.49	7.53	2.46	7.93
		1460	3.07	5.67	3.22	5.76	2.92	6.44	3.10	6.46	2.78	7.03	2.65	7.38	2.60	7.90	2.55	8.10
		1560	3.44	6.17	3.38	6.25	3.30	6.97	3.24	7.05	3.18	7.40	3.15	7.70	3.10	8.12	3.07	8.35
		1650	3.73	6.55	3.68	6.72	3.62	7.45	3.55	7.63	3.40	8.00	3.32	8.20	3.27	8.40	3.21	8.70
		1730	4.01	6.94	3.96	7.05	3.88	7.84	3.79	7.95	3.70	8.40	3.65	8.71	3.61	8.98	3.52	9.10
AMLT 80	80A	1060	3.17	6.36	3.07	6.71	3.01	7.51	2.87	7.62	2.87	8.53	2.79	8.89	2.72	9.25	2.65	9.61
		1140	3.65	6.90	3.59	7.32	3.51	8.15	3.46	8.35	3.40	8.90	3.36	9.10	3.54	9.50	3.48	9.86
		1220	4.06	7.52	3.93	8.02	3.90	8.88	3.82	9.12	3.75	10.10	3.68	10.40	3.61	11.32	3.55	11.96
		1310	4.43	8.15	4.36	8.56	4.26	9.62	4.18	9.65	4.10	10.82	4.03	11.50	3.90	11.71	3.82	12.10
		1460	5.28	9.23	5.19	9.37	5.10	10.44	5.00	10.06	4.78	11.32	4.61	11.85	4.48	12.30	4.30	12.75
		1560	5.70	9.75	5.63	10.35	5.55	11.12	5.45	11.75	5.38	11.98	5.32	12.21	5.24	12.80	5.15	13.20
		1680	6.44	10.77	6.37	11.50	6.25	12.21	6.20	12.61	6.00	12.90	5.85	13.20	5.71	13.67	5.49	14.10
		1780	6.95	11.52	6.88	11.98	6.83	13.07	6.70	13.45	6.55	13.92	6.38	14.10	6.10	14.52	5.91	14.88
AMLT 100	100A	980	5.24	8.92	5.19	9.34	5.08	10.98	5.01	10.65	4.86	13.20	4.78	14.10	4.71	15.30	4.64	16.40
		1050	5.54	9.71	5.42	10.15	5.32	11.98	5.27	11.60	5.11	14.08	5.01	15.11	4.92	16.01	4.80	16.71
		1200	6.83	11.05	6.77	11.84	6.66	12.56	6.45	13.44	6.21	14.23	6.06	15.38	5.80	16.26	5.55	16.91
		1300	7.55	12.22	7.45	13.15	7.38	13.92	7.26	14.93	7.01	15.66	6.53	16.43	6.56	17.01	6.22	17.85
		1390	8.14	13.14	8.03	13.95	7.92	14.91	7.85	15.72	7.61	16.20	7.32	17.15	7.06	17.68	6.71	18.03
		1450	8.50	13.73	8.42	14.62	8.33	15.62	8.24	16.53	8.08	17.10	7.90	17.72	7.73	18.20	7.46	19.21
		1530	9.05	14.63	8.97	15.60	8.87	16.63	8.80	17.52	8.61	18.01	8.48	18.71	8.21	19.40	8.00	21.10
		1630	9.75	15.65	9.68	16.81	9.55	17.82	9.50	19.01	9.31	19.60	9.15	20.30	8.93	20.98	8.80	21.60
		1750	10.55	16.94	10.46	18.18	10.35	19.14	10.29	20.53	10.05	21.00	9.87	21.80	9.80	22.35	9.62	23.10
AMLT 100L	100A	1290	10.79	18.09	10.65	19.48	10.52	20.87	10.39	22.26	10.26	23.66	10.14	25.05	10.02	26.44	9.90	27.83
		1350	11.42	18.87	11.28	20.32	11.14	21.77	11.01	23.23	10.88	24.68	10.76	26.13	10.64	27.58	10.53	29.03
		1430	12.25	19.91	12.11	21.44	11.98	22.97	11.85	24.51	11.72	26.04	11.60	27.57	11.48	29.10	11.36	30.63
		1530	13.29	21.21	13.15	22.83	13.12	24.48	12.88	26.11	12.67	27.74	12.64	29.37	12.52	31.00	12.40	32.64
		1650	14.54	22.76	14.40	24.53	14.27	26.28	14.14	28.03	14.01	29.78	13.89	31.54	13.77	33.28	13.65	35.04

## AMLT Three Lobe Roots Blower

### Pressure Performance Table

Qs: Inlet air flow (m<sup>3</sup>/min)

La: Blower shaft power (Kw)

Model	Bore	RPM	Pressure															
			63.7KPA		68.6KPA		73.5KPA		78.4KPA		83.3KPA		88.2KPA		93.1KPA		98.0KPA	
			Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
AMLT 125	125A	810	10.28	17.16	10.11	18.00	10.06	20.73	9.84	20.40	9.80	24.38	9.75	25.98	9.64	27.28	9.53	28.58
		860	11.18	17.77	11.00	19.42	10.85	20.87	10.37	22.03	10.62	25.67	10.51	26.97	10.40	28.27	10.29	29.57
		970	13.15	21.45	12.95	22.15	12.86	24.34	12.67	24.91	12.51	26.50	12.23	30.30	11.97	33.40	11.65	37.20
		1110	15.58	25.07	15.45	26.02	15.33	28.45	15.20	29.21	15.00	32.60	14.78	35.00	14.42	38.60	14.01	42.30
		1180	16.88	26.34	16.76	27.35	16.55	30.15	16.40	30.65	16.27	33.20	16.10	36.30	15.89	41.10	15.71	44.23
		1240	17.92	27.73	17.82	29.20	17.66	31.43	17.62	32.60	17.21	36.21	17.10	39.38	16.80	44.45	16.63	47.78
		1400	20.76	33.34	20.68	33.60	20.45	37.97	20.30	37.50	20.11	43.00	19.87	46.10	19.63	49.80	19.48	52.00
		1450	21.70	33.95	21.65	35.65	21.51	38.54	21.42	39.80	21.30	44.80	21.11	47.10	20.90	50.90	20.71	54.00
		1520	22.92	34.57	22.75	37.70	21.69	39.12	21.50	42.10	21.12	46.80	21.01	49.30	20.70	53.20	20.32	58.10
		1620	24.12	40.07	24.05	41.71	23.85	45.83	23.70	46.60	23.50	51.10	23.31	54.00	23.13	57.80	22.90	60.10
		1730	25.76	44.85	25.65	46.10	25.45	50.27	25.25	51.40	25.14	55.95	25.00	58.10	24.80	61.00	24.61	65.00
AMLT 150	150A	810	27.26	47.34	26.93	43.35	26.62	48.52	26.33	51.73	26.12	55.20	25.87	58.20	25.61	61.40	25.34	64.61
		900	31.45	47.64	31.14	51.23	30.85	54.52	30.54	57.85	30.21	60.80	29.90	64.01	29.58	67.20	29.26	70.41
		980	35.05	53.03	34.72	56.75	34.38	60.55	34.05	64.23	33.80	66.80	33.62	69.10	33.36	74.87	33.01	80.09
		1070	39.35	58.83	39.13	63.73	38.92	67.37	38.75	71.44	38.58	74.01	38.37	77.20	38.11	80.50	37.90	84.20
		1150	43.03	64.33	42.74	68.63	42.45	73.34	42.25	77.66	42.03	80.10	41.81	84.20	41.63	87.50	41.45	90.70
		1230	46.41	69.32	46.21	74.22	46.02	78.81	45.83	83.52	45.60	86.10	45.42	89.10	45.20	92.30	45.02	96.10
		1310	49.72	74.81	49.53	79.71	49.32	84.72	49.11	89.76	48.90	92.10	48.68	95.30	48.41	99.20	48.25	105.10
		1390	53.03	79.65	52.82	84.91	52.71	90.24	52.52	95.55	52.18	98.70	52.10	103.20	51.90	107.20	51.72	112.10
		1480	56.92	85.61	56.82	91.32	56.71	96.72	56.53	102.40	56.21	106.30	56.10	110.10	55.75	115.20	55.40	120.00
AMLT 200	200A	990	61.80	83.20	61.20	88.90	60.40	93.60	59.80	99.70	59.20	112.10	58.80	120.10	58.30	129.60	58.01	137.20
		1170	71.20	96.10	69.60	101.50	69.40	108.50	69.20	115.10	68.60	126.20	68.20	134.40	67.70	140.10	67.10	152.10
		1250	76.40	103.50	76.10	110.80	75.60	118.20	75.10	125.20	74.50	142.20	74.10	149.10	73.40	155.20	73.20	165.20
		1360	86.50	112.50	86.20	125.60	85.70	133.90	85.40	142.40	85.10	154.10	84.70	165.20	84.30	177.10	84.20	183.10
		1480	93.70	126.90	93.40	136.20	93.20	145.60	92.60	154.30	92.20	170.10	91.80	184.10	91.50	192.10	91.20	205.20
AMLT 250	250A	990	86.90	114.70	86.70	123.60	86.40	127.10	86.10	135.10	85.50	150.10	85.10	165.10	84.60	172.30	83.80	181.50
		1170	102.50	135.30	102.30	145.30	102.10	150.10	101.80	159.80	101.50	170.50	101.10	182.10	100.80	200.00	100.50	227.20
		1250	110.40	145.40	110.20	155.80	110.00	161.70	109.80	172.40	109.30	187.10	108.90	203.10	108.60	220.10	108.30	234.10
		1360	123.20	162.60	123.10	176.60	122.70	180.40	122.50	192.30	122.20	206.10	122.10	217.50	121.70	232.10	121.50	254.50
		1480	134.40	177.80	134.20	190.60	133.80	196.70	133.50	209.90	132.80	213.10	132.00	235.10	131.50	250.10	130.8	270.1
AMLT 300	300A	990	110.65	158.50	109.40	170.70	108.15	181.80	106.90	195.10	105.70	207.30	104.50	219.50	103.35	231.70	102.20	243.90
		1170	135.95	187.30	134.70	201.70	133.50	216.15	132.30	230.60	131.15	245.00	130.00	259.40	128.85	273.80	127.70	288.20
		1250	147.25	200.00	146.00	215.50	144.80	230.90	143.60	246.30	142.45	261.70	141.30	277.10	140.15	292.50	139.00	307.90
		1360	162.65	217.75	161.40	234.50	160.25	251.25	159.10	268.00	157.95	284.75	156.80	301.50	155.65	318.00	154.50	335.00
		1480	179.55	236.95	178.30	254.50	177.10	273.40	175.90	291.60	174.75	309.85	173.60	328.10	172.50	346.30	171.40	364.00

## Application-Water Treatment





## Application-Aquaculture



# AirMMax Factory







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