

AGRI-MAX HAF

Chimney Tube Fan

ELTA



AGRI-MAX HAF

Product Overview

- Fits standard ventilation chimneys from any manufacturer
- Complete unit and spares available next day from stock for minimum downtime and cost
- 3 Year warranty
- Designed and built for agriculture in Britain. Deployed extensively on farm for real-world usage testing



Designed, built and distributed in the UK, the Agri-Max follows industry-standard chimney sizing to be a direct replacement for your existing fan unit. Based on the proven agricultural HXP motor and our high efficiency impeller, the components have been proven on farm since 2013 with extensive support and next day cost-effective spares availability should the worst happen.

Arms

Full stainless steel arms with adjustment and quick release finger fixings that allow fast fan removal for cleaning and chimney/tube service.

Impeller

Adjustable pitch aerofoil impellers are provided with blades made from high-quality GRP. Impellers are factory set at an angle to provide maximum performance. The hubs are manufactured from die-cast aluminium alloy (LM24). Impellers are statically balanced to ISO 14694 Grade G6.3.

Motors

Cool running TENV motors constructed with a finned aluminium casing to give excellent heat dissipation and increased lifecycle.

Electrical

Units are suitable for single phase 220 to 240V / 50Hz operation.

Warranty

All Agri-Max units have a 3 year warranty.

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Performance, SFP & Electrical Data

Single Phase 220V to 240V / 50Hz

Model Number	Speed (r/min)	Airflow SFP	Airflow m³/s @ Static Pressure (Pa)					At Best Efficiency Point			Peak Amps	dBA @ 3m	
			0	25	50	75	100	Overall Eff%	Input (kW)	FMEG			
HAF63061A	926	m³/s	3.244	3.035	2.827	2.585	2.288	39.3	0.664	51	3.70	Inlet	55
		W/(L/s)	0.15	0.17	0.19	0.22	0.26					Outlet	54
HAF71061A	878	m³/s	4.017	3.707	3.350	2.899	-	33.7	0.673	46	4.10	Inlet	63
		W/(L/s)	0.16	0.18	0.20	0.24	-					Outlet	62
HAF80061A	914	m³/s	5.190	4.864	4.466	3.984	3.300	37.2	0.882	44	4.119	Inlet	59
		W/(L/s)	0.16	0.17	0.20	0.23	0.27					Outlet	58

Peak Amps @ 230V / 1PH / 50Hz.

Data provided is at standard air density of 1.2 kg/m³.

Overall static efficiency, r/min and FMEG values are per ISO 12759. Installation Category A.

All performance and ErP relevant information comprises measurements which are determined using standardised measurements, measured in a full bell mouth.

The overall A-weighted sound pressure level is at a distance of 3m with spherical free-field propagation. It is expressed in dB re-20µPa and is presented for comparative purposes only.

Three Phase 380V to 415V / 50Hz

Model Number	Speed (r/min)	Airflow SFP	Airflow m³/s @ Static Pressure (Pa)					At Best Efficiency Point			Peak Amps	dBA @ 3m	
			0	25	50	75	100	Overall Eff%	Input (kW)	FMEG			
HAF63063A	912	m³/s	3.202	2.948	2.649	2.265	-	34.6	0.509	48	1.70	Inlet	57
		W/(L/s)	0.16	0.17	0.20	0.23	-					Outlet	56
HAF71063A	894	m³/s	4.108	3.806	3.461	3.034	2.427	38.2	0.635	50	1.92	Inlet	63
		W/(L/s)	0.14	0.16	0.19	0.22	0.26					Outlet	62
HAF80063A	896	m³/s	5.090	4.749	4.348	3.840	3.080	38.4	0.798	45	1.92	Inlet	58
		W/(L/s)	0.14	0.16	0.19	0.22	0.26					Outlet	57

Peak Amps @ 400V / 3PH / 50Hz.

Data provided is at standard air density of 1.2 kg/m³.

Overall static efficiency, r/min and FMEG values are per ISO 12759. Installation Category A.

All performance and ErP relevant information comprises measurements which are determined using standardised measurements, measured in a full bell mouth.

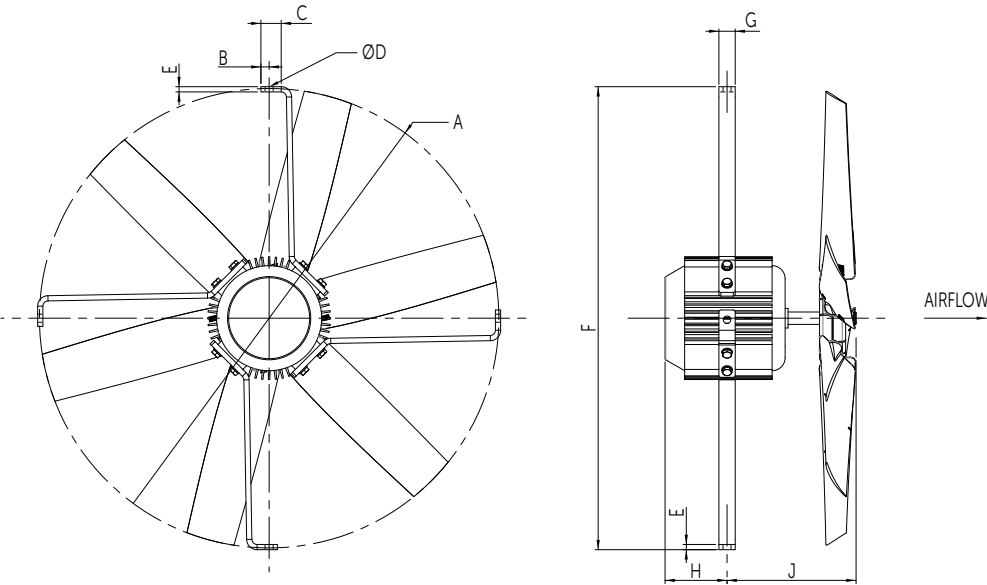
The overall A-weighted sound pressure level is at a distance of 3m with spherical free-field propagation. It is expressed in dB re-20µPa and is presented for comparative purposes only.

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Dimensional Data

Single Phase

Product Code	A	B	C	ØD	E	F	G	H	J
HAF630	627	15	31	11.5	6	630	25	95	199
HAF710	704	15	31	11.5	8	709.5	25	95	198
HAF800	794	15	31	11.5	8	799.5	25	95	194



Dimensions are in mm.

630mm unit will fit any 630-650mm tube or chimney.
710mm unit will fit any 710-730mm tube or chimney.
800mm unit will fit any 817-840mm tube or chimney.
You may need to use the included mounting hardware if the fan is not compatible with your existing mountings.

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