

MARINE FANS & ACCESSORIES



ENAG FANS

Our range of ENAG fans has been designed especially for the marine environment.

With more than 35 years' experience in fan design and manufacture, efficiency and reliability are assured.

ADVANTAGES

Designed to be reliable and rugged, ENAG fans are manufactured in accordance with the major marine classification authorities such as Bureau Veritas and DNV.

HOUSING

- Robust construction made of Galvanized steel, aluminium or stainless steel:
 - Motor mounting support welded
 - Thick mounting flanges welded
 - Epoxy coated or galvanised finish

DIMENSIONS

- from Ø165 to Ø1700 (other Ø please consult)

IMPELLER

- High resistance to corrosion
- Vibration limited – balanced G6.3 based on hub

MOTOR

Dimensioned for long life in permanent service
Efficiency up to 95%

AC MOTORS

IP 55 (standard) – power from 0.18kW to 37kW
Voltage: 230/400Vac – 400/690Vac three phase 50Hz
230Vac single phase 50hz

DC MOTORS

IP 55 (standard) – power from 0.18kW to 2.2kW
Voltage: 24Vdc
New brushless technology
Reduced maintenance
Variable speed

CERTIFICATION

- ATEX ATEX following directive 2014/34/EU
II2G EExd II B (T3 à T6).
II2G EExd II C (T3 à T6).

OPTIONS

We can supply different options according to customer requirements:

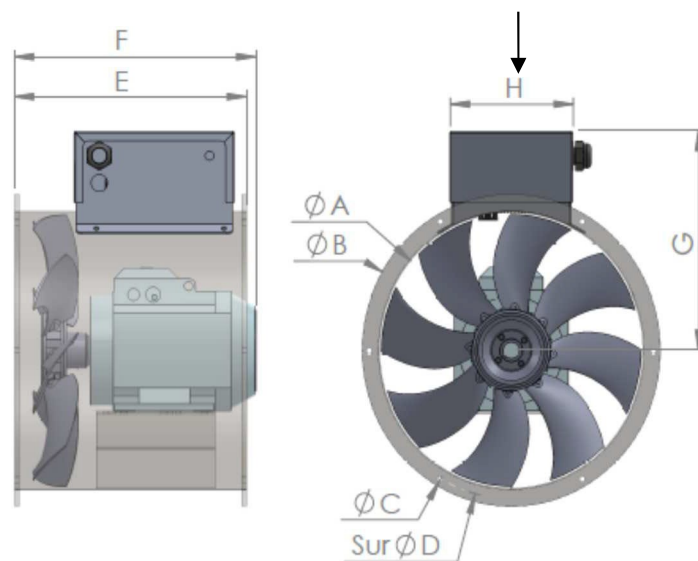
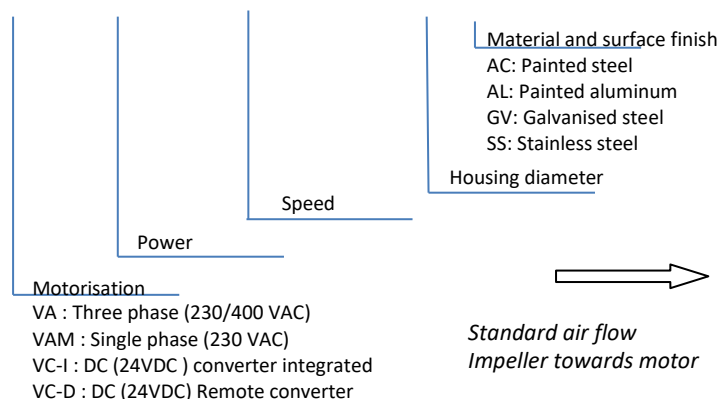
- Flow, pressure, housing diameter
- Short housings - Steel, aluminum or stainless steel
- AC fans 60Hz
- Fans for specific applications eg. ATEX...



AXIAL FANS – MAIN TECHNICAL SPECIFICATION

Part number:

VA - 0.37KW 3000 RPM $\varnothing$ 320 AC



Int $\varnothing$ 1700mm max (larger, please consult us)

VA : AC fan

VC : DC fan

3000RPM		CORRESPONDANCE PREVIOUS TYPE	LOW LIMITS		HIGH LIMITS		DIMENSIONS								
Housing diameter	Power		Flow (m³/h)	Pressure st (mm.Wg)	Flow (m³/h)	Pressure st (mm.Wg)	A	B	C	D	E	F VA	F VC	G	H
Ø165	0,13KW *	VA/VC 8-5	750	- 30	1000	- 5	165	200	6xØ7	185	See data sheet				
Ø255	0,37KW **	VA/VC 12-15	800	- 25	1450	- 5	255	300	6xØ7	280	280	295	295	245	185
Ø320	0,37kW *	VA/VC 30-16	2200	- 30	3800	- 6	320	370	6xØ9	350	280	295	295	290	185
	0,55kW *	VA/VC 40-14	3000	- 25	4600	- 7						295	340		
	0,75kW*	VA/VC 42-22	3300	- 34	5000	- 7						315	340		
Ø355	0,37kW *	VA/VC 36-17	2500	- 26	4500	- 7	355	409	6xØ9	385	310	310	310	310	185
	0,55kW *	VA/VC 48-15	3000	- 30	5500	- 8						310	345		
	0,75kW *	VA/VC 55-15	3800	- 28	6200	- 8						320	345		
	1,1kW *	VA/VC 60-18	4200	- 40	6600	- 7						320	365		
	1,5kW *	VA/VC 65-27	5200	- 40	7900	- 8						385	365		
Ø405	0,75kW *	VA/VC 60-15	3600	- 32	7000	- 7	405	459	6xØ9	435	320	330	355	335	185
	1,1kW *	VA/VC 72-16	4500	- 39	8300	- 9						330	375		
	1,5kW *	VA/VC 80-20	4200	- 50	9200	- 8						395	375		
	2,2kW	VA 90-30	6200	- 56	10600	- 9						395			
Ø455	1,1kW *	VA/VC 70-25	4500	- 36	9500	- 8	455	515	6xØ9	490	400	400	400	365	215
	1,5kW *	VA/VC 80-33	6000	- 44	10700	- 9						400	400	365	215
	2,2kW *	VA/VC 100-22	6000	- 60	13000	- 9						400	450	365	215
	3kW	VA 110-30	6500	- 71	12300	- 9						420			
	4kW	VA 120-40	7000	- 79	14000	- 9						420			
Ø505	1,5kW *	VA/VC 95-25	6700	- 38	12500	- 7	505	565	8xØ9	540	420	420	420	390	215
	2,2kW *	VA/VC 100-36	8000	- 46	13600	- 9						420	460	390	215
	3kW	VA/VC 130-30	8000	- 53	15500	- 9						430			
	4kW	VA 150-36	10000	- 71	17300	- 8						430			
Ø555	1,5kW *	VA/VC 110-25	8000	- 40	15000	- 7	555	615	8xØ9	590	450	450	450	420	215
	2,2kW *	VA/VC 140-22	10000	- 38	16400	- 9						450	465	420	215
	3kW	VA 140-28	7800	- 56	16800	- 9						450			
	4kW	VA 150-45	8500	- 81	18600	- 9						470			
Ø606	2,2kW *	VA/VC 120-30	7000	- 52	15500	- 8	606	680	8xØ9	645	470	470	475	445	215
	3kW	VA 140-40	7600	- 63	20000	- 8						470			
	4kW	VA 170-35	12000	- 55	22000	- 9						485			
	5,5kW	VA 200-40	14400	- 64	24800	- 7						485			

* Exists as both VC-I and VC-D (24V)

AXIAL FANS – MAIN TECHNICAL SPECIFICATION

1500RPM		CORRESPONDANCE PREVIOUS TYPE	LOW LIMITS		HIGH LIMITS		DIMENSIONS								
Housing diameter	Power		Flow (m³/h)	Pressure - (mm.Wg)	Flow (m³/h)	Pressure - (mm.Wg)	A	B	C	D	E	F VA	F VC	G	H
Ø355	0,37kW *	VA/VC 15-10	1500	- 10	2600	- 1	355	410	6 x Ø9	385	310	310		310	185
Ø405	0,37kW *	VA/VC 20-14	2800	- 12	4600	- 1	405	460	6 x Ø9	435	320	320		335	185
Ø455	0,37kW *	VA/VC 35-17	3500	- 17	6700	- 1	455	515	6 x Ø9	490	400	400	400	365	215
	0,55kW *	VA/VC 50-15	5000	- 17	6000	- 1						400	400	365	215
	0,75kW *	VA/VC 55-17	5500	- 17	9500	- 1						400	400	365	215
Ø505	0,75kW *	VA/VC 60-19	6000	- 19	10300	- 1	505	565	8 x Ø9	540	420	420	420	390	215
Ø555	0,75kW *	VA/VC 60-20	6000	- 20	10500	- 1	555	615	8 x Ø9	590	450	450	450		
	1,1kW *	VA/VC 80-19	8000	- 22	13100	- 1						450	450	420	215
	1,5kW *	VA/VC 100-20	7000	- 28	13300	- 1						450	450		
Ø606	1,5kW*	VA/VC 100-25	8500	- 25	16300	- 1	606	680	8x Ø 9	645	470	470	470	445	215
	2,2kW*	VA/VC 120-25	9000	- 31	15700	- 1						470	475	445	215
	3kW	VA 125-28	12200	- 31	18200	- 1						470			

* Exists as both VC-I and VC-D (24V)

1500RPM		CORRESPONDANCE PREVIOUS TYPE	LOW LIMITS		HIGH LIMITS		DIMENSIONS					
Housing diameter	Power		Flow (m³/h)	Pressure (mm.Wg)	Flow (m³/h)	Pressure (mm.Wg)	A	B	C	D	E	F
Ø706	4kW	VA 125-45	12500 - 45		21000 - 8		706	782	12 x Ø12	745	470	470
Ø807	7,5kW	VA 200-55	20000 - 55		31000 - 11		807	895	12 x Ø12	850	550	570
Ø807	11kW	VA 300-45	30000 - 45		47000 - 8							
Ø1010	11kW	VA 350-40	30000 - 71		55000 - 9		1010	1096	16 x Ø14	1060	650	750
Ø1010	15kW	VA 420-40	38000 - 69		64000 - 10							

1000RPM		CORRESPONDANCE PREVIOUS TYPE	LOW LIMITS		HIGH LIMITS		DIMENSIONS					
Housing diameter	Power		Flow (m³/h)	Pressure - (mm.Wg)	Flow (m³/h)	Pressure - (mm.Wg)	A	B	C	D	E	F
Ø1400	22kW	VA 500-50	48000	- 68	87000	- 9	1400	1532	20 x Ø18	1490	800	900
Ø1700	22kW	VA 900-39	60000	- 73	124000	- 8	1700	1832	28 x Ø24	1780	1000	1000
Ø1700	30kW	VA 1100-40	30000	- 71	150000	- 7						

CENTRIFUGAL FANS

Centrifugal fans are ideally suited to ventilation of living quarters:

- Lower noise level than axial fans
- Higher static pressure

ENAG centrifugal fans are manufactured using the same low maintenance technology as the axial fan range ensuring robustness and reliability.

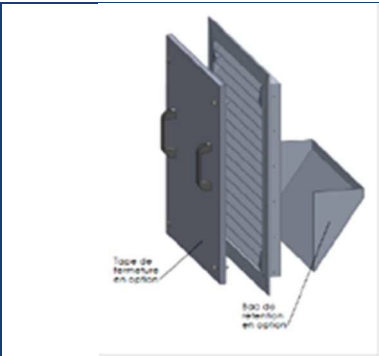
- Housing: Steel or stainless steel
- Impeller: Steel or stainless steel

Please consult us for your requirements

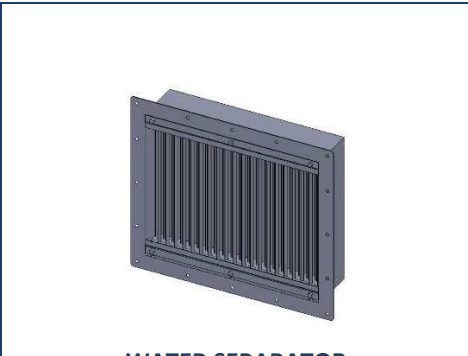


ACCESSORIES

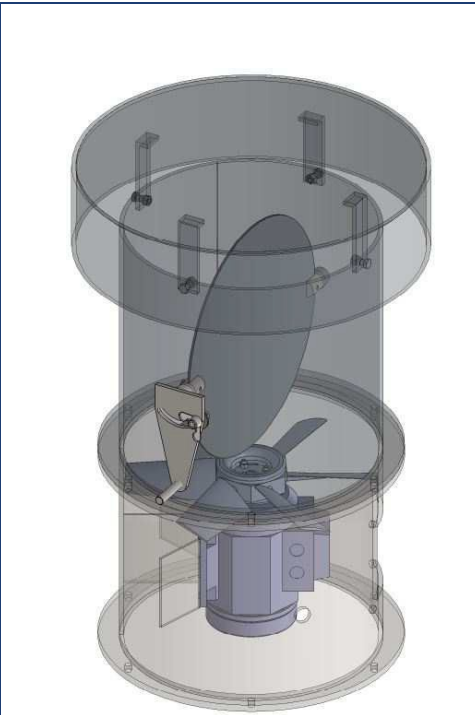
We supply different options on request: start up kit, variable speed, grids, fire dampers, flexible couplings, shut off damper, mushroom vents, water separators...



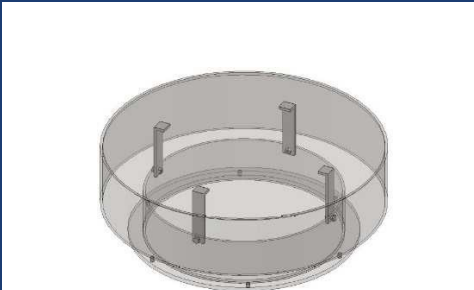
LOUVRES



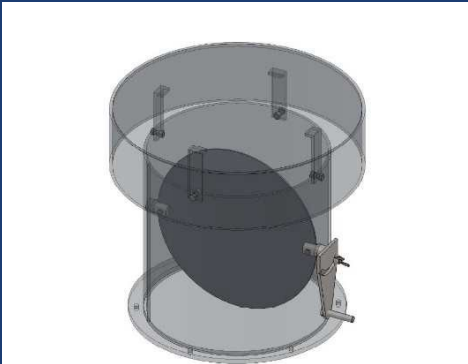
WATER SEPARATOR



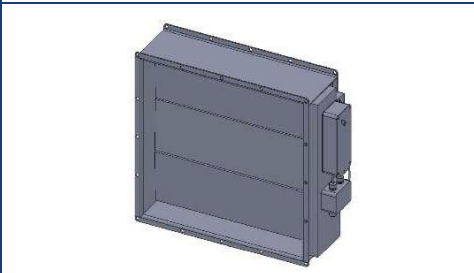
ASSEMBLY EXAMPLE



MUSHROOM VENT



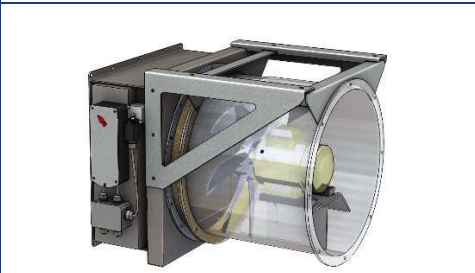
MUSHROOM VENT WITH SHUT OFF DAMPER



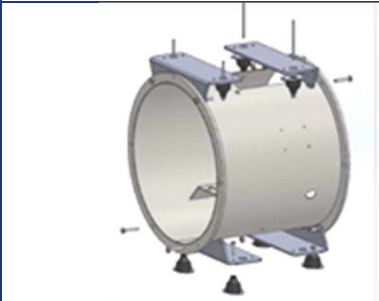
FIRE DAMPERS SHUT OFF DAMPERS



ASSEMBLY EXAMPLE



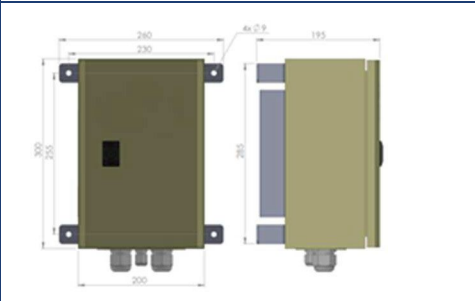
ASSEMBLY EXAMPLE



SUPPORTS OR MOUNTING FEET



FLEXIBLE COUPLING & MOUNTING PINS



CONVERTER CABINET