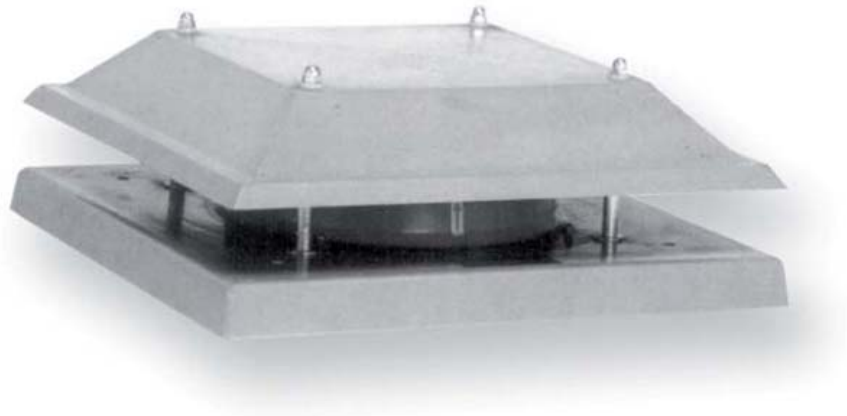


## AXIAL TYPE ROOF EXHAUST FAN



### GMC REF-550:

- Axial roof exhaust fans
- Different types to be used for exhaust and supply air purposes
- Range of 11 impeller diameters from 200 up to 800 mm
- Air displacement of up to 24.000 m<sup>3</sup>/h
- Available with nominal speeds of 1000, 1500 or 3000 rpm
- Suitable for single-phase 230V, 50Hz or threephase 400V, 50Hz connections

#### Application

- Designed to give high air flow values at a max. efficiency and min. noise level
- It has different types to be used for exhaust and supply purposes
- Housing is made of glass fibre reinforced polyester, guaranteeing long life and light weighted body for the fan
- They have a low profile on the roof, giving an esthetic look for the roof

#### Composition

##### Casing

- Fitted with inflow and outflow edges and a square mounting base made of light grey (RAL 7001) polyester for types 200 and 250 and of sendzimir sheet steel for types 300 to 800
- Covered by a light grey (RAL 7001) polyester rain cover
- The exhaust side of the exhaust version has a protective screen

##### Fan impeller

- Designed for maximum air displacement with minimum noise production and power consumption
- Diameters 200 and 250 have a 5 vane impeller made from coated sendzimir sheet steel
- Diameters 300 to 550 have a 4 vane impeller with an aluminium hub and stainless steel vanes
- Diameters 630 to 800 have a 6 or 10 vane impeller with an aluminium hub and high quality synthetic vanes

##### Motor

- Short-circuited armature motor with maintenance-free bearings and external cooling
- Motor casing of injection-moulded aluminium
- Insulation class B. Protection class IP 54 (splash proof), diameter 200-250 IP 44
- Standard permissible ambient temperature for all motors is -30°C to +40°C
- Motor and impeller are fully geared to one another and together form a balanced unit yielding optimal efficiency

#### Options

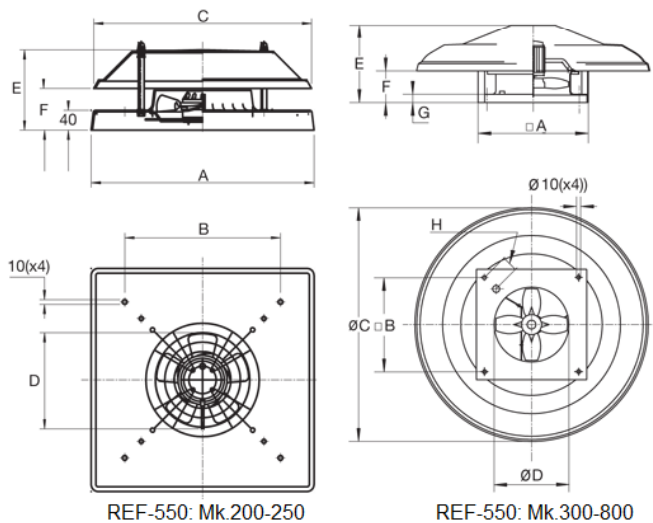
- Version with inverse air direction (blowing over the motor)
- Increased corrosion resistance. Types 300 to 800 can be supplied in an extra corrosionproof version for extraction of aggressive vapours

# AXIAL TYPE ROOF EXHAUST FAN



## Technical data

Type	Max airflow [m <sup>3</sup> /h]	Speed [rpm]	Power [W]	Current [A]	Sound level [dB(A)] 4m	Weight [Kg]	
Mk.	200 / 4E	300	1440	43	0.29	8	28
	200 / 2EC	670	2880	55	0.25	9	42
	250 / 4E	800	1440	70	0.52	9	41
	250 / 2EC	1370	2880	150	0.66	10	55
	300 / 6EC	1100	960	60	0.31	22	34
	300 / 4EC	1730	1440	80	0.44	22	44
	300 / 2EC	3250	2880	390	2.15	24	57
	350 / 6EC	1830	960	70	0.33	23	37
	350 / 4EC	2860	1440	150	0.76	23	47
	350 / 2EC	4880	2880	670	3.30	25	60
	400 / 6EC	2770	960	110	0.58	26	41
	400 / 4EC	4325	1440	230	1.05	27	51
	450 / 6EC	3520	960	140	0.67	28	44
	450 / 4EC	5500	1440	400	2.10	30	54
	500 / 6EC	4950	960	230	1.35	36	46
	500 / 4EC	7700	1440	610	3.60	38	56
	550 / 6EC	6400	960	280	1.50	37	49
	550 / 4EC	10100	1440	830	3.90	41	59
	630 / 6EC	9000	960	600	2.75	44	52
	710 / 6EC	12000	960	810	4.20	46	56
	400V-3Ph-50Hz						
	300 / 6D	1100	960	50	0.19	22	34
	300 / 4D	1730	1440	85	0.26	22	44
	300 / 2D	3250	2880	360	0.64	24	57
	350 / 6D	1830	960	65	0.20	23	37
	350 / 4D	2860	1440	140	0.40	23	47
	350 / 2D	4880	2880	640	1.25	25	60
	400 / 6D	2770	960	120	0.32	26	41
	400 / 4D	4325	1440	280	0.64	27	51
	450 / 6D	3520	960	140	0.33	28	44
	450 / 4D	5500	1440	370	0.88	30	54
	500 / 6D	4950	960	230	0.64	36	46
	500 / 4D	7700	1440	600	1.35	38	56
	550 / 6D	6400	960	300	0.68	37	49
	550 / 4D	10100	1440	800	1.70	41	59
	630 / 6D	9000	960	530	1.19	44	52
	630 / 4D	14000	1440	1510	2.90	49	62
	710 / 6D	12000	960	690	1.75	46	56
	710 / 4D	19000	1440	2370	5.30	63	66
	800 / 6D	15500	960	1020	2.60	68	60
	800 / 4D	24000	1440	3200	6.25	82	70



## Dimensions

Mk.	A	B	C	D	E	F	G	H
200	441	330	420	207	169	99	40	-
250	441	330	420	256	169	99	40	-
300	565	450	116	300	410	168	40	73
350	565	450	116	350	410	168	40	73
400	650	535	232	400	425	175	40	73
450	650	535	232	450	425	175	40	73
500	705	590	350	500	460	178	40	73
550	705	590	350	550	460	178	40	73
630	865	750	450	630	525	212	40	73
710	865	750	450	710	525	212	40	73