

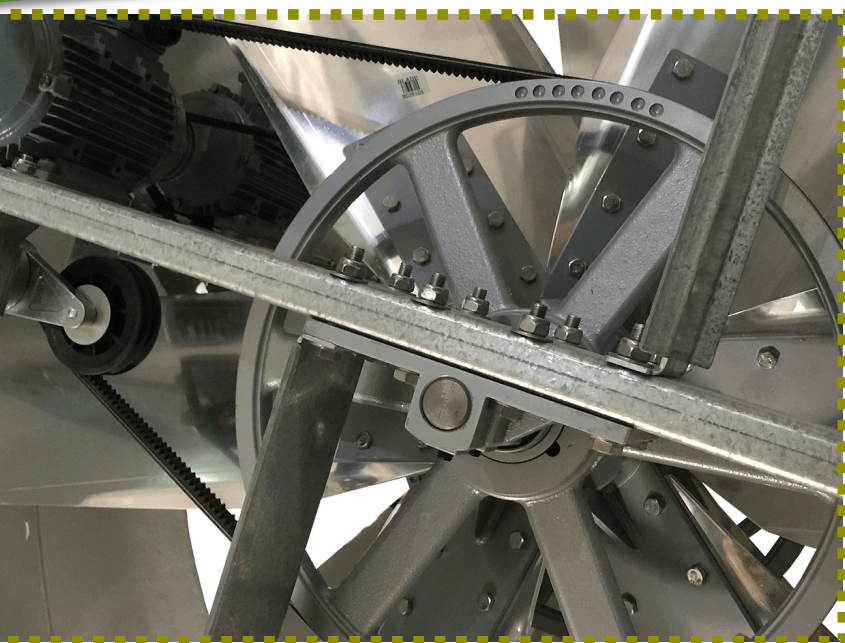


EXHAUST FANS

PULL AHEAD

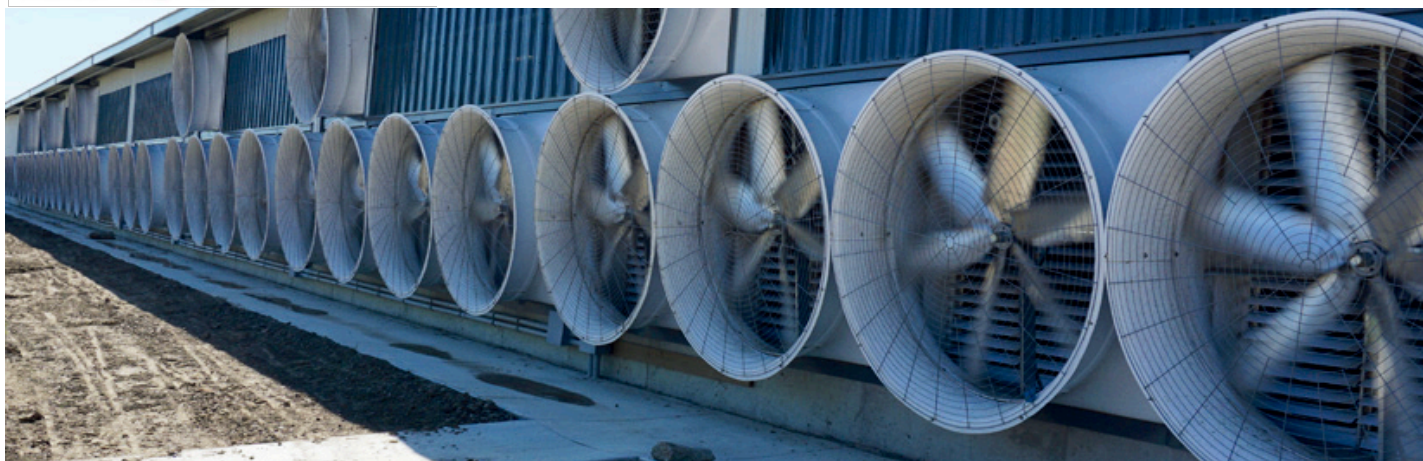


AVAILABLE 12" TO 84"



EAST ROCK Exhaust fan has proven over many years their quality in numerous farms all over the world. Not only by proving with international accepted technical test and safety certificates, but also in being a very durable product providing a perfect solution with very low operational costs. In most farms, exchanging air is a must-have to keep the animals alive. Toxic gasses like NH₃, CO₂, must be removed and fresh air must be introduced. This will allow controlling your incoming air and will also ensure that the air exchange is at the right requirements of your livestock.

We offer a wide variety of GF-series to answer every farm's needs.



OPTIONS

- Change your blades to aluminum or nylon
- Zinc galvanized wire and power coating finishing to prevent corrosion
- Motor 1 or 3 phase
- OSHA safety guard
- Thermal protection
- Variable frequency drive (VFD)
- Winter board inserts (replacing the shutter for winter, if the fan is not required to operate)
- Long cone/ Short cone/ No cone (guards required)
- Aluminum Shutter vanes
- Wire guard intake (no shutter)

PEAK PERFORMANCES

Exhaust fan 50: 39,600 m³/h at 25 Pa
Exhaust fan 55: 61,300 m³/h at 25 Pa
Exhaust fan 72: 76,800 m³/h at 25 Pa
Exhaust fan 80: 118,600 m³/h at 25 Pa
Exhaust fan 84: 111,200 m³/h at 25 Pa

HOUSING

- Made with durable and corrosion free reinforcement fiber composite
- We added a thicker layer of U.V. protection on composite surface
- Extra layer of resin inside to give smooth surface for easy maintenance and cleaning
- Air flow design to maximize the efficiency
- Slanted design projects away moisture from outside building
- Condensation flows down outside keeping walls clean and dry during wet seasons
- Inside mounting is flush, eliminating obstruction along walkways
- Aerodynamic housing tunnel and cone encourages free air flow

PROPELLER

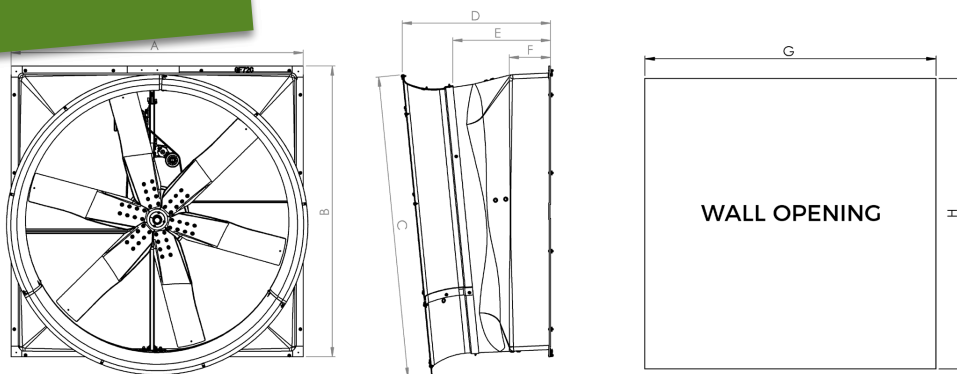
- Heavy duty and high precision bearing assembly with double protection seal greased with our own grease
- Shaft fix on quick base mount
- Blades are made with 5mm thick aluminum alloy comes standard with belt drive or durable nylon comes standard with direct drive
- Our belts are super high efficient moulded notch model XPZ
- Inner belt tensioned are standard with large diameter pulley
- Long belt, can be change easily around the propellers

MOTOR & SUPPORT

- Built in central I beam steel support, fixed inside housing and attached on top and bottom of wall building. This design provides a strong vertical support that aligns the propeller centered in the orifice for maximum performance
- Motor are fixed on slider motor base quick attach
- Stainless steel hardware #304

GLOBAL EXPERTISE
LOCAL SERVICE

DIMENSIONS (MM)



Model	36	50	55	72	80	84
Fan Dia.	915	1,270	1,400	1,830	2,030	2,130
A	1,210	1,480	1,585	2,080	2,300	2,300
B	1,200	1,570	1,610	2,070	2,300	2,300
C	1,100	1,560	1,690	2,150	2,340	2,600
D	750	910	920	1,050	1,210	1,060
E	590	600	610	700	460	700
F	240	240	240	300	n/a	300
G	1,120	1,380	1,500	1,970	2,200	2,210
H	1,120	1,380	1,520	1,970	2,200	2,190

PERFORMANCE

50Hz Region													
Model	Drive	Ph	Volt	kW	Amps	RPM	Speed	m ³ /h 0 Pa	W/1000m ³ /h 0 Pa	m ³ /h 25 Pa	W/1000m ³ /h 25 Pa	m ³ /h 50 Pa	W/1000m ³ /h 50 Pa
36	BD	3	230/400	1.1	4.6/2.7	655	100%	19,620	49.4	17,620	57.7	14,360	70.6
36	DD	3	400	1.1	2.3	710	100%	23,910	37.3	21,460	43.5	17,800	55.0
50	BD	3	230/400	1.1	4.6/2.7	384	100%	34,910	33.1	27,820	42.9	16,070	71.0
55	BD	3	230/400	1.1	4.6/2.7	388	100%	42,570	25.6	37,340	31.0	26,220	46.6
55	DD*	3	360-460	1.1	2.1	600	100%	43,220	25.8	38,480	30.3	33,210	42.2
72	BD	3	230/400	2.2	7.9/4.6	348	100%	79,420	29.5	71,310	34.9	58,080	44.5
72	DD*	3	400	3.0	5.2	360	100%	79,340	21.0	70,400	26.7	60,040	33.5
80	DD*	3	400	4.0	6.8	425	100%	117,860	20.6	107,260	25.6	92,030	32.4
84	BD	3	400	4.0	7.9	356	100%	107,920	26.7	99,170	31.7	86,230	39.2

* EC motor with integrated variable speed control using 0-10VDC and/or Modbus communication. Also available in Single phase version.

1) All fans are tested in accordance with AMCA 230-15 standard.

2) Other motor configuration available