



The Model "GR" Fan is an **exhaust and intake fan** all in one. Pivoting power unit provides versatility - allowing exhaust and intake in one easy to install unit. This unit is well suited for **GREENHOUSE, AGRICULTURAL AND INDUSTRIAL BUILDINGS.**

Features

- Galvanized steel construction to resist rust and corrosion.
- Propeller has sturdy aluminum petals, shock pad mounted to spider, precisely balanced and mounted with two set screws for safety.
- Heavy gauge wire safety guard meets OSHA specifications. It is zinc plated, gold anodite plated for more resistance to rust.
- Totally enclosed motors are nationally advertised brands, made to NEMA standards and are equipped with thermal overload protectors.
- Pivoting locking housing allows for quiet, efficient performance in either position.
- Power unit pivots on 5/16" studs mounted in 14 gauge galvanized bracket.
- Built-in balanced aluminum louvers. The louvers are supported by nylon bushings and nylon pins for quiet long life.
- Galvanized storm hood is included which mounts easily to outside of unit.

Pivoting Feature



Simply remove wing nuts for intake ventilation.



Returns easily for standard exhaust ventilation.

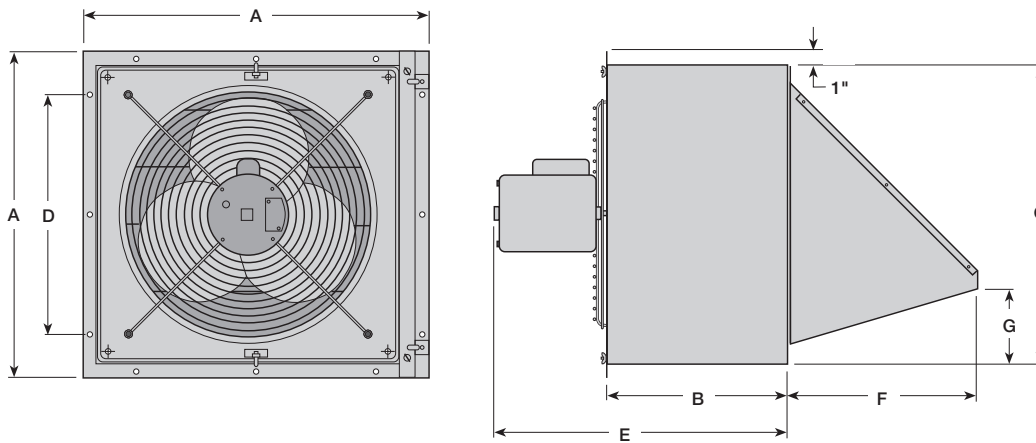
Accessories

Temperature Control: (Optional)

An optional temperature control can be included that electrically and thermostatically operates the fan in any selected temperature range between 40°F and 100°F with 2°-3° differential performance. The thermostat has a sealed molded plastic case with all exposed metal parts of stainless steel. They meet all requirements for NEMA 4X equipment, and is suitable for use under national electrical code (N.E.C.). Article 547-4. Single stage for one speed fans -- two stage for two speed fans.



Dimensional Data:



MODEL	A	B	C	D	E	F	G	WALL OPENING	WT.
12-GR	19"	10"	17"	12"	14 ¹ / ₂ "	9"	6"	17 ³ / ₈ "	30#
12-2GR	19"	10"	17"	12"	14 ¹ / ₂ "	9"	6"	17 ³ / ₈ "	31#
20-GR	27"	13"	25"	18"	21 ¹ / ₄ "	14"	7"	25 ³ / ₈ "	53#
203-GR	27"	13"	25"	18"	20 ¹ / ₄ "	14"	7"	25 ³ / ₈ "	57#
203-2GR	27"	13"	25"	18"	20 ¹ / ₄ "	14"	7"	25 ³ / ₈ "	58#

Performance Data (cfm):

MODEL	SPEED	HP	RPM	VOLTS	0" SP	1/8" SP	1/4" SP
12-GR	1	1/10	1550	115	1290	1140	920
12-2GR	2	1/10	1550	115	1290	1140	920
	2	1/30	860	115	520	450	385
20-GR	1	1/4	1725	115	3220	2993	2679
203-GR	1	1/3	1725	115/230	3825	3590	3250
203-2GR	2	1/3	1715	115	3825	3590	3250
	2	1/9	1140	115	2375	2025	1730

CERTIFIED RATINGS

The ratings of these fans have been determined in accordance with Commercial Standard CS178-51, as developed by the trade under the procedure of the Commodity Standards Division, and issued by the U.S. Department of Commerce.

Installation Details:

LOCATION:

In sidewall installations, the fan should be located on the side of the building away from prevailing winds. (Usually on the South or East wall)

INTAKE AIR:

An exhaust fan changes the air in a given area by drawing fresh, clean air through the building and expelling bad air to the outside. Intake openings must be of such size and quantity to provide air equal to the exhaust capacity of the fan within its operating range. Intake openings must be across the building from the fan (fans) and located as high as possible.

WIRING:

Wiring should be done in accordance with local electrical codes that apply.

TEMPERATURE CONTROL:

The thermostat should be located above eye level, away from lights and other heat sources and drafts; in a place that will represent average building temperature.

Due to continuing research, Future Products reserves the right to change specifications without notice.