



The Model "GP" Fan is an exhaust ventilating fan providing healthier conditions for stock and personnel. Economical complete fan with shutters and weatherized storm hood. 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 specs. 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.
- Built-in balanced PVC shutters. The shutters are supported by nylon pins for quiet, long life. Shutters are flexible and will absorb impact preventing denting and creasing like aluminum.
- Galvanized storm hood is included which mounts easily to outside of building.

### 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.

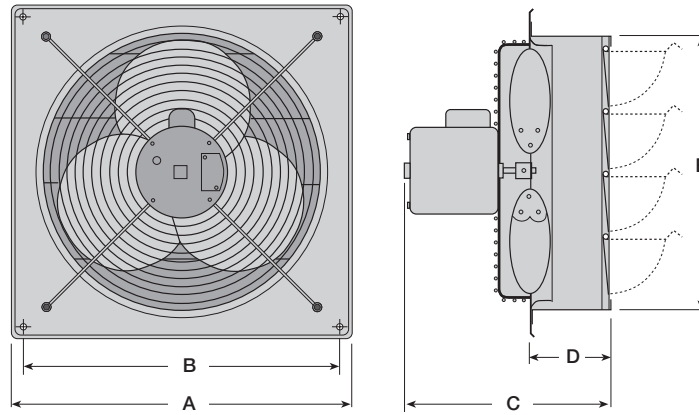


#### Storm Hood:

The full storm hood is of heavy gauge galvanized steel and protects the unit from the elements and helps prevent back drafts. Easily assembled with six sheet metal screws included.

# Dimensional Data:

Model 16-GP Pictured



MODEL	A	B	C	D	E	WALL OPENING	WT.
*12-GP	16 <sup>3</sup> / <sub>4</sub> "	15"	10 <sup>3</sup> / <sub>4</sub> "	5 <sup>1</sup> / <sub>8</sub> "	13.5"	14"	20#
12-2GP	16 <sup>3</sup> / <sub>4</sub> "	15"	10 <sup>3</sup> / <sub>4</sub> "	5 <sup>1</sup> / <sub>8</sub> "	13.5"	14"	22#
16-GP	20 <sup>3</sup> / <sub>4</sub> "	19"	13"	5 <sup>1</sup> / <sub>8</sub> "	17.5"	18"	33#
20-GP	24 <sup>3</sup> / <sub>4</sub> "	23"	13"	5 <sup>1</sup> / <sub>8</sub> "	21.5"	22"	37#
203-GP	24 <sup>3</sup> / <sub>4</sub> "	23"	13 <sup>1</sup> / <sub>2</sub> "	5 <sup>1</sup> / <sub>8</sub> "	21.5"	22"	40#
203-2GP	24 <sup>3</sup> / <sub>4</sub> "	23"	13 <sup>1</sup> / <sub>2</sub> "	5 <sup>1</sup> / <sub>8</sub> "	21.5"	22"	46#

**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.

\*Available w/Fly Screen as Model 12-GPS

# Performance Data (cfm):

MODEL	SPEED	HP	RPM	VOLTS	0" SP	1/8" SP	1/4" SP
12-GP	Single	1/10	1550	115	1290	1140	920
12-2GP	Two	1/10	1550	115	1290	1140	920
		1/30	860	115	520	450	385
16-GP	Single	1/4	1725	115	2440	2250	2030
20-GP	Single	1/4	1725	115	3140	2770	2470
203-GP	Single	1/3	1725	115/230	3335	3085	2820
203-2GP	Two	1/3	1725	115	3335	3085	2820
		1/9	1200	115	2010	1850	1695

# 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.

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