



# " GPX SERIES" DIRECT DRIVE EXHAUST FAN

Triangle's **GPX SERIES FANS** are ruggedly designed for continuous operation. They're ideal for workshops, barns, poultry houses, greenhouses, garages or anywhere ventilation is required to control condensation and stagnant air.

- \* Built-in shutter with rigid blades for long lasting, continuous operation.
- \* Spiral guard has a powder coat finish and meets OSHA requirements
- \* Shutter opens and closes automatically when fan is turned on and off.
- \* Limited 1 year warranty



**"Ready to Install"** is the phrase most associated with the GPX SERIES FANS. Simply cut a square opening in the wall (the size shown below for housing dimension "B", plus 1/4").

Slide the fan into the opening from the outside of the structure.

Fasten the flange securely to your structure.

Last, connect motor to a 115 volt , 60 Hz, single phase power source and your fan is ready to exhaust your building. Motors are 115 Volt Totally Enclosed Air Over (TEAO)

## SPECIFICATIONS "GPX" SERIES

| MODEL NUMBER | BLADE DIA | CFM  | RPM  | HP  | AMPS |
|--------------|-----------|------|------|-----|------|
| GPX 1210     | 12"       | 1580 | 1625 | 1/6 | 2.2  |
| GPX 1611     | 16"       | 2600 | 1650 | 1/4 | 2.3  |
| GPX 2011     | 20"       | 3200 | 1650 | 1/4 | 2.3  |
| GPX 2413     | 24"       | 5460 | 1100 | 1/2 | 6.1  |
| GPX 3013     | 30"       | 6800 | 1100 | 1/2 | 6.1  |

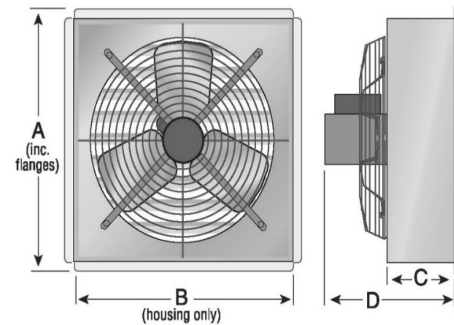
Performance shown is for installation type A: free inlet, free outlet. Performance ratings do not include the effects of accessories.

## HOUSING DIMENSIONS

| MODEL NUMBER | "A"     | "B"     | "C" | "D"     |
|--------------|---------|---------|-----|---------|
| GPX 1210     | 18 3/4" | 17 1/8" | 6"  | 13 1/4" |
| GPX 1611     | 22 3/4" | 21 1/8" | 6"  | 13"     |
| GPX 2011     | 26 3/4" | 25 1/8" | 6"  | 13"     |
| GPX 2413     | 30 3/4" | 29 1/8" | 6"  | 14 1/4" |
| GPX 3013     | 36 3/4" | 35 1/8" | 6"  | 13"     |

## SHIPPING SPECIFICATIONS

| MODEL NUMBER | HEIGHT | WIDTH | DEPTH | WEIGHT LBS |
|--------------|--------|-------|-------|------------|
| GPX 1210     | 19"    | 14"   | 19"   | 35         |
| GPX 1611     | 23"    | 14"   | 24"   | 43         |
| GPX 2011     | 27"    | 14"   | 28"   | 55         |
| GPX 2413     | 31"    | 16"   | 32"   | 66         |
| GPX 3013     | 40"    | 16"   | 40"   | 70         |



## Calculation for Sizing your Fan

For cooling people we suggest 2 to 4 minute single air change

For cooling product we suggest 4 to 6 minute single air change

For removing stagnant air we suggest 6 to 10 minute single air change

### Calculation:

- Building Structure: Length x Width x Ceiling Height = Cubic Feet
- Decide how many minutes per single air change you require ( 2 thru 10 )  
*(Note: Your climate or equipment may alter your minutes required)*
- Divide "A" by "B" = Cubic Feet Per Minute (CFM) Air Flow required

### Example:

Building Structure: 20' L x 30' W x 8' H = 4,800 Cubic Feet

4,800 / 2 minute single air change = 2,400 CFM Air Flow required

Suggested Fan Size: GPX 1611