



HIGH PERFORMANCE • LOW COST MAINTENANCE • LOW COST INSTALLATION

Ideally suited for poultry, swine, dairy and greenhouse applications.

FEATURES

- The **patented** design provides excellent performance without a cone.
- All fans are supplied completely assembled and are tested before shipping.
- Chop & Spray design with smooth inside for improved cleaning.
- Self draining, sloped housing is quick and easy to clean reducing maintenance costs.
- T-Mount belt drive system provides quick, easy access to motor & blade.
- Belt drive units are supplied complete with belt tensioner and easily accessible, high quality rubber belt.
- All fans have smooth operating, easy to clean, tie-bar poly shutters with stainless steel frame.
- 36" and 50" belt drive fans
- 18", 24" and 36" direct drive fans

Detailed product specifications on back.



OPTIONS

- Special order black housings available.
- 3 phase motor 208-230/460 volt option available on some units.

ACCESSORIES

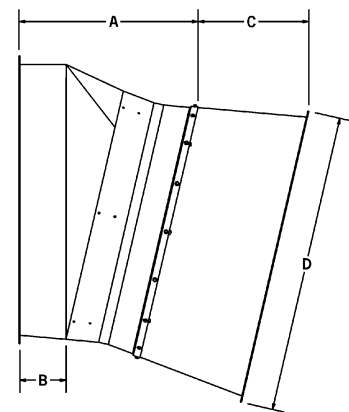
- Performance enhancing cone on 24" and larger fans
- FRP board winter inserts with unique double seal
- 240V cord kit accessory available

BACK VIEW



DIMENSIONS

| FAN SIZE | FAN | | CONE | | FRAMING DIMENSIONS | | |
|----------|-----|---|------|----|--------------------|--------------|---------|
| | | | | | WIDTH | | HEIGHT |
| | A | B | C | D | All Walls | 4" & 6" Wall | 9" Wall |
| 18" | 28 | 9 | - | - | 24.75 | 24.75 | 25.25 |
| 24" | 31 | 9 | 19 | 33 | 31 | 31 | 31.5 |
| 36" | 34 | 9 | 21 | 47 | 43 | 43 | 43.5 |
| 50" | 44 | 9 | 25 | 64 | 57 | 57 | 57.5 |



WARRANTY

- 10 years on housings
- 1 year on balance of fan



SPECIFICATIONS

| | Specifications | | | | | | Model Number Specify * bulk pak or single | TESTED AT | Test Code | Performance | | | | | | | | | | | | | | |
|--------------|----------------|-----------|--------|---------|---------|----------------|---|-----------|-----------|-------------|---------|------|----------|-----------------------|----------|-------|----------|-------------------------|-------|-----------------------|--------------|----------|-------|------|
| | motor | | | | | blade mat'l | | | | rpm | DbA | cone | 0.00" SP | | 0.05" SP | | | 0.10" SP | | test code & report | test code | AFR | | |
| | type | speed | hp | volt | phs | | | | | | | | hz | cfm | cfm/w | cfm | cfm/w | amps | cfm | | | | cfm/w | |
| BELT DRIVE | 50" | high eff. | single | 1.0 | 230 | 1 | 60 | galv. | FG50B | | 00071 | 610 | 77 | Y | 28000 | 25.2 | 26500 | 22.1 | 5.50 | 24800 | 19.5 | B00071 | B | 0.78 |
| | | | | N | 25900 | 22.5 | 24400 | | | | 20.0 | | | 5.70 | 22800 | 17.7 | B00072 | B | 0.79 | | | | | |
| | | high eff. | single | 1.0 | 230 | 1 | 60 | galv. | FG50 | | 00066 | 578 | -- | Y | 25900 | 27.1 | 24100 | 23.5 | - | 22400 | 20.5 | 00066 | | 0.75 |
| | | | | N | 24500 | 24.5 | 22900 | | | | 21.4 | | | - | 21100 | 18.9 | 00773 | | 0.75 | | | | | |
| | | high eff. | single | 1.5 | 115/230 | 1 | 60 | galv. | FG50H | | 00061 | 630 | -- | Y | 28200 | 22.7 | 26700 | 20.3 | - | 25200 | 18.1 | 00061 | B | 0.81 |
| | | | | N | 26800 | 20.0 | 25300 | | | | 18.1 | | | - | 24000 | 16.4 | 00056 | B | 0.82 | | | | | |
| | high eff. | two | high | 1.5 | 230 | 1 | 60 | galv. | FG502H | | -- | 600 | TBA | Y | -- | -- | -- | No cone test available. | | | -- | | -- | |
| | | | | | | | | | | | N | | | 20705 | 19.3 | 19401 | 17.2 | 5.79 | 17810 | 15.1 | 060017 | | 0.77 | |
| | high eff. | two | low | 1.5 | 230 | 1 | 60 | galv. | FG502H | | -- | 397 | TBA | Y | -- | -- | -- | No cone test available. | | | -- | | -- | |
| | | | | | | | | | | | N | | | 13153 | 23.2 | 11162 | 18.8 | 4.38 | -- | 00 | 060017 | | -- | |
| 36" | high eff. | single | 1.0 | 230 | 1 | 60 | galv. | FG36BDH | | 210246 | 766 | 80 | Y | 17200 | 15.6 | 16200 | 14.0 | 5.13 | 15500 | 12.9 | C210246 | C | 0.86 | |
| | | | | | | | | | | N | | | 15700 | 12.8 | 15200 | 12.0 | 5.53 | 14500 | 11.2 | C210245 | C | 0.85 | | |
| DIRECT DRIVE | 36" | high eff. | single | 1.0 | 230 | 1 | 60 | galv. | FG36H | | 02201 | 850 | 80 | Y | 17010 | 18.5 | 16200 | 17.5 | 4.90 | 15340 | 15.6 | 02201 | | 0.79 |
| | | | | N | 16000 | 16.6 | 15210 | | | | 15.2 | | | 5.00 | 14400 | 14.0 | 02200 | | 0.80 | | | | | |
| | | high eff. | single | 1/2 | 115/230 | 1 | 60 | galv. | FG36 | | 00080 | 850 | 75 | Y | 12300 | 26.1 | 11300 | 22.5 | 2.47 | 10500 | 19.5 | B00080 | B | 0.71 |
| | | | | N | 11400 | 22.5 | 10600 | | | | 19.4 | | | 2.63 | 9800 | 17.2 | B00075 | B | 0.71 | | | | | |
| | 24" | high eff. | vari | 1/3 | 115/230 | 1 | 50/60 | 6-poly | FG24CV | | 210114V | 1100 | 75 | Y | 6350 | 15.3 | 6000 | 14.2 | 1.92 | 5750 | 13.3 | C210114V | C | 0.80 |
| | | | | N | 5850 | 13.6 | 5600 | | | | 13.0 | | | 1.93 | 5200 | 12.3 | C210107V | C | 0.70 | | | | | |
| 18" | high eff. | vari | 1/3 | 115/230 | 1 | 60 | 6-poly | FG18CV | | -- | 1625 | 65 | Y | cone is not available | | | | | | | | | | |
| | | | | | | | | | | N | | | TBA | | | | | | | | | | | |

Model Codes: 3 =three phase, A=aluminum blade, B=Blue Ribbon, H=high output, BD=36"belt drive, BD4=3/4"hp 36" belt, V=variable speed, C=corrosion resistant

Test Codes: B =BESS Labs report, C=Canarm Lab report-AMCA Fig. 15 test chamber

Notes: AFR is the airflow ratio. Higher AFR indicates better performance under static pressure or against wind. It is calculated by dividing fan cfm at 0.20 static pressure by cfm at 0.05 sp.

Note: Wind has a significant effect on exhaust fans. A 10 mph wind creates a 0.05" pressure against the fan. A 20 mph wind creates 0.20" pressure and 30 mph a 0.45" pressure. These pressures are in addition to the static pressure in the building. Wind blocks or hoods should be included in all designs where fans will be subjected to winds above 10 mph.



Where Indicated

GUARANTEED PERFORMANCE

Canarm guarantees the performance of our fans. All fans with test numbers will perform as indicated when properly maintained (reports are available upon request). Our fans are tested in our AMCA fig 15 test chamber. The test chamber was designed and built to exacting AMCA/ASHRE standards for Canarm. A regimented calibration and verification schedule is followed. Be assured, Canarm fans provide the performance you require and expect.