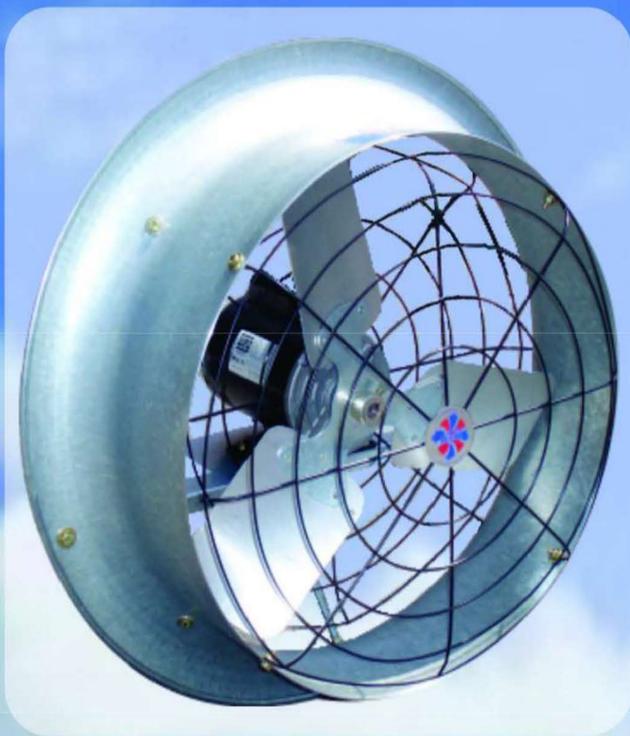


MOMC
E L E C T R I C

**AGD/AGB
AGDC**

**AERO VENTILADORES HELICOIDALES
LINEA AGROPECUARIA**

**ATC HIGH EFFICIENCY AXIAL FANS
AGRICULTURAL SERIES**



The Right Choice

AERO VENTILADORES HELICOIDALES ATC LINEA AGROPECUARIA

ACOPLAMIENTO DIRECTO
TRANSMISION DE POLEAS Y BANDA

14", 18", 22", 24", 30", 36", 42", 48" DE DIÁMETRO

La serie AGD/DC/B de Aero Ventiladores helicoidales marca ATC ha sido específicamente diseñada para aplicaciones agropecuarias. ATC ha combinado la ingeniería precisa en diseño de las hélices junto con motores de alta eficiencia de uso continuo para desarrollar ventiladores económicos de alto rendimiento que mueven grandes caudales de aire con un mínimo consumo de energía.

Características principales:

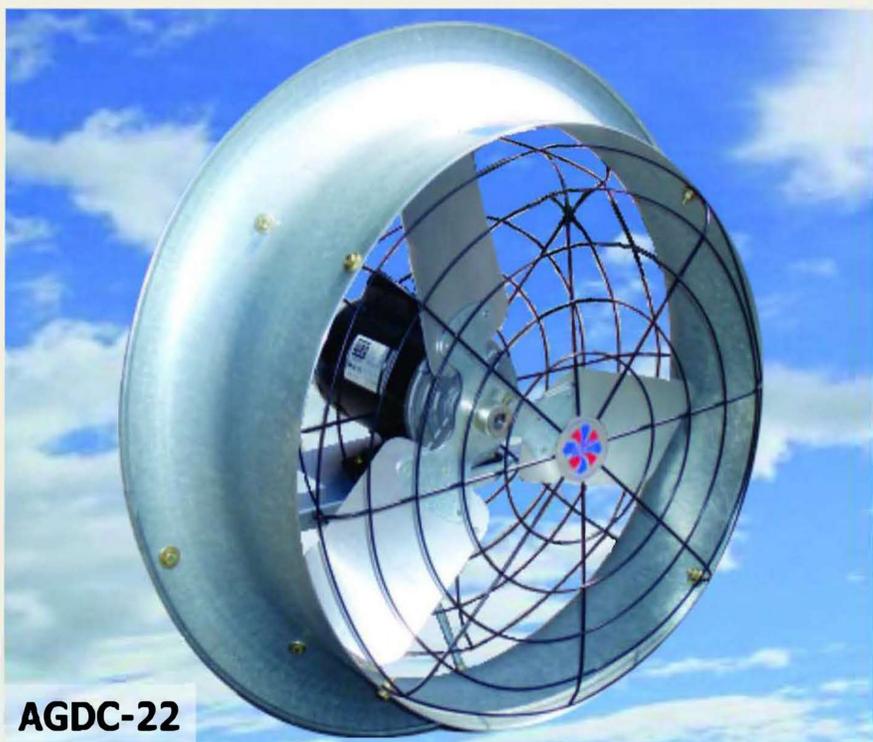
- Cuerpo, venturi y soporte del motor construido totalmente en acero galvanizado altamente resistente a la corrosión.
- Hélice fabricada en lámina galvanizada de 2 y 3 alabes (acoplamiento directo), 5 y 6 alabes (transmisión de poleas y banda) en ángulo fijo dinámicamente balanceada, diseñada para alto flujo y mínimo nivel sonoro.
- Accionado por acoplamiento directo (AGD) a los motores eléctricos monofásicos de 6 y 8 polos totalmente cerrados para la protección contra polvo y humedad en ambientes agropecuarios.
- Accionado por transmisión de poleas y banda (AGB) y por acoplamiento directo con cono de succión (AGDC) a los motores eléctricos monofásicos y trifásicos de 4 polos de uso continuo, diseñados bajo las especificaciones NEMA.
- Incluye malla de protección galvanizada en la succión y descarga.
- Persiana de gravedad fabricada en aluminio en la descarga es un accesorio opcional.

Aplicaciones:

Industria Agropecuaria como Avícola, Vinícola, Porcícola, Ganaderías e Invernaderos.



AGB-36



AGDC-22

ESPECIFICACIONES TÉCNICAS

| MODELO | RPM VENTILADOR | POTENCIA HP | AMPERAJE (A) @ 60 HZ. | | | | CAUDAL (CFM ó M3/HR) @ PRESION ESTATICA (PULGADAS C.A.) | | | | | | | | | | PESO APROXIMADO | |
|----------|----------------|-------------|-----------------------|------|--------|------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|-----|
| | | | 3 FASES | | 1 FASE | | .000" | | .050" | | .100" | | .125" | | .150" | | Kg. | Lb. |
| | | | 220V | 440V | 220V | 127V | CFM | M3/HR | CFM | M3/HR | CFM | M3/HR | CFM | M3/HR | CFM | M3/HR | | |
| AGD-24 | 1075 | 1/2 | — | — | 3.2 | 6.3 | 4471 | 7596 | 4252 | 7224 | 4038 | 6861 | 3935 | 6686 | 3830 | 6507 | 50 | 110 |
| AGD-30 | 1075 | 1/2 | — | — | 3.2 | 6.3 | 8044 | 13667 | 7634 | 12970 | 7215 | 12258 | 6998 | 11890 | 6775 | 11511 | 54 | 119 |
| AGD-36 | 850 | 1/2 | — | — | 3.0 | 6.0 | 10557 | 17936 | 9918 | 16851 | 9239 | 15697 | 8862 | 15057 | 8428 | 14319 | 58 | 128 |
| AGD-42 | 825 | 1 | — | — | 6.4 | 12.8 | 15934 | 27072 | 14915 | 25341 | 13876 | 23575 | 13346 | 22675 | 12814 | 21771 | 72 | 158 |
| AGDC-14 | 1750 | 1/3 | 1.6 | 0.8 | 3.3 | 6.6 | 2690 | 4570 | 2568 | 4363 | 2443 | 4151 | 2378 | 4040 | 2311 | 3926 | 9 | 20 |
| AGDC-18 | 1750 | 1/2 | 2.1 | 1.1 | 4.0 | 8.5 | 3800 | 6456 | 3628 | 6164 | 3451 | 5863 | 3359 | 5707 | 3264 | 5545 | 17 | 37 |
| AGDC-22 | 1750 | 1/2 | 2.1 | 1.1 | 4.0 | 8.5 | 5570 | 9463 | 5318 | 9035 | 5060 | 8597 | 4925 | 8368 | 4786 | 8131 | 18 | 40 |
| AGDC-30 | 1750 | 1 | 4.2 | 2.1 | 6.8 | 15.0 | 12000 | 20388 | 11200 | 19029 | 10390 | 17653 | 9972 | 16942 | 9530 | 16191 | 26 | 57 |
| AGB-24 | 870 | 1/2 | 2.1 | 1.1 | 4.0 | 8.5 | 5510 | 9362 | 5149 | 8748 | 4652 | 7904 | 4471 | 7596 | 4155 | 7059 | 62 | 136 |
| AGB-30 | 609 | 1/2 | 2.1 | 1.1 | 4.0 | 8.5 | 7547 | 12823 | 7052 | 11981 | 6372 | 10826 | 6124 | 10405 | 5690 | 9667 | 66 | 145 |
| AGB-36 | 525 | 3/4 | 3.0 | 1.5 | 5.5 | 12.5 | 10971 | 18640 | 10252 | 17418 | 9263 | 15738 | 8903 | 15126 | 8273 | 14056 | 70 | 154 |
| AGB-42 | 438 | 3/4 | 3.0 | 1.5 | 5.5 | 12.5 | 14555 | 24729 | 13467 | 22880 | 12594 | 21397 | 12157 | 20655 | 11648 | 19790 | 84 | 185 |
| AGB-48/L | 438 | 1 | 4.2 | 2.1 | 6.8 | 15.0 | 21735 | 36928 | 20325 | 34532 | 19007 | 32293 | 18348 | 31173 | 17580 | 29868 | 90 | 198 |
| AGB-48/M | 525 | 1 1/2 | 5.2 | 2.6 | 7.8 | 15.0 | 23968 | 40722 | 22921 | 38943 | 21874 | 37164 | 20463 | 34767 | 19960 | 33912 | 97 | 213 |

ATC HIGH EFFICIENCY AXIAL FANS AGRICULTURAL SERIES DIRECT DRIVE / BELT DRIVE

14", 18", 22", 24", 30", 36", 42", 48" DIAMETER



AGD-36



AGDC-22

AGD/DC/B Axial fan series are specifically designed for agricultural applications. ATC has combined the precise engineering in design of fan blades along with high efficiency continuous duty motors to develop the economy line of high air flow and low energy consumption fans.

Construction Features:

- Galvanized fan frame, motor, drive stands and housing built for corrosion resistance in harsh atmosphere.
- Galvanized 2 and 3 Wings (Direct Drive), 5 and 6 wings (Belt Drive) aerodynamic balanced blade designed for high air flow and low noise level.
- High efficiency 6 & 8 pole totally enclosed single phase motors for direct drive applications protected against dust and moisture for use in agricultural environments (AGD).
- 4 pole high efficiency continuous duty single and three phase motors designed for belt drive (AGB) and direct drive with inlet cone (AGDC) applications.
- Galvanized welded wire guard on both intake and exhaust side.
- Optional aluminum gravity shutter on exhaust side.

Applications:

Agricultural Industry such as Poultry, Livestock, Farms, Dairy Barns and Greenhouses.

PERFORMANCE DATA

| MODEL | FAN RPM | POWER HP | CURRENT (A) @ 60 HZ. | | | | AIR FLOW (CFM OR M3/HR) @ STATIC PRESSURE (INCHES W.G.) | | | | | | | | | | ESTIMATED WEIGHT | |
|----------|---------|----------|----------------------|------|---------|------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|-----|
| | | | 3 PHASE | | 1 PHASE | | .000" | | .050" | | .100" | | .125" | | .150" | | Kg. | Lb. |
| | | | 220V | 440V | 220V | 127V | CFM | M3/HR | CFM | M3/HR | CFM | M3/HR | CFM | M3/HR | CFM | M3/HR | | |
| AGD-24 | 1075 | 1/2 | — | — | 3.2 | 6.3 | 4471 | 7596 | 4252 | 7224 | 4038 | 6861 | 3935 | 6686 | 3830 | 6507 | 50 | 110 |
| AGD-30 | 1075 | 1/2 | — | — | 3.2 | 6.3 | 8044 | 13667 | 7634 | 12970 | 7215 | 12258 | 6998 | 11890 | 6775 | 11511 | 54 | 119 |
| AGD-36 | 850 | 1/2 | — | — | 3.0 | 6.0 | 10557 | 17936 | 9918 | 16851 | 9239 | 15697 | 8862 | 15057 | 8428 | 14319 | 58 | 128 |
| AGD-42 | 825 | 1 | — | — | 6.4 | 12.8 | 15934 | 27072 | 14915 | 25341 | 13876 | 23575 | 13346 | 22675 | 12814 | 21771 | 72 | 158 |
| AGDC-14 | 1750 | 1/3 | 1.6 | 0.8 | 3.3 | 6.6 | 2690 | 4570 | 2568 | 4363 | 2443 | 4151 | 2378 | 4040 | 2311 | 3926 | 9 | 20 |
| AGDC-18 | 1750 | 1/2 | 2.1 | 1.1 | 4.0 | 8.5 | 3800 | 6456 | 3628 | 6164 | 3451 | 5863 | 3359 | 5707 | 3264 | 5545 | 17 | 37 |
| AGDC-22 | 1750 | 1/2 | 2.1 | 1.1 | 4.0 | 8.5 | 5570 | 9463 | 5318 | 9035 | 5060 | 8597 | 4925 | 8368 | 4786 | 8131 | 18 | 40 |
| AGDC-30 | 1750 | 1 | 4.2 | 2.1 | 6.8 | 15.0 | 12000 | 20388 | 11200 | 19029 | 10390 | 17653 | 9972 | 16942 | 9530 | 16191 | 26 | 57 |
| AGB-24 | 870 | 1/2 | 2.1 | 1.1 | 4.0 | 8.5 | 5510 | 9362 | 5149 | 8748 | 4652 | 7904 | 4471 | 7596 | 4155 | 7059 | 62 | 136 |
| AGB-30 | 609 | 1/2 | 2.1 | 1.1 | 4.0 | 8.5 | 7547 | 12823 | 7052 | 11981 | 6372 | 10826 | 6124 | 10405 | 5690 | 9667 | 66 | 145 |
| AGB-36 | 525 | 3/4 | 3.0 | 1.5 | 5.5 | 12.5 | 10971 | 18640 | 10252 | 17418 | 9263 | 15738 | 8903 | 15126 | 8273 | 14056 | 70 | 154 |
| AGB-42 | 438 | 3/4 | 3.0 | 1.5 | 5.5 | 12.5 | 14555 | 24729 | 13467 | 22880 | 12594 | 21397 | 12157 | 20655 | 11648 | 19790 | 84 | 185 |
| AGB-48/L | 438 | 1 | 4.2 | 2.1 | 6.8 | 15.0 | 21735 | 36928 | 20325 | 34532 | 19007 | 32293 | 18348 | 31173 | 17580 | 29868 | 90 | 198 |
| AGB-48/M | 525 | 1 1/2 | 5.2 | 2.6 | 7.8 | 15.0 | 23968 | 40722 | 22921 | 38943 | 21874 | 37164 | 20463 | 34767 | 19960 | 33912 | 97 | 213 |

AGD/DC/B

AERO VENTILADORES HELICOIDALES ATC LINEA AGROPECUARIA

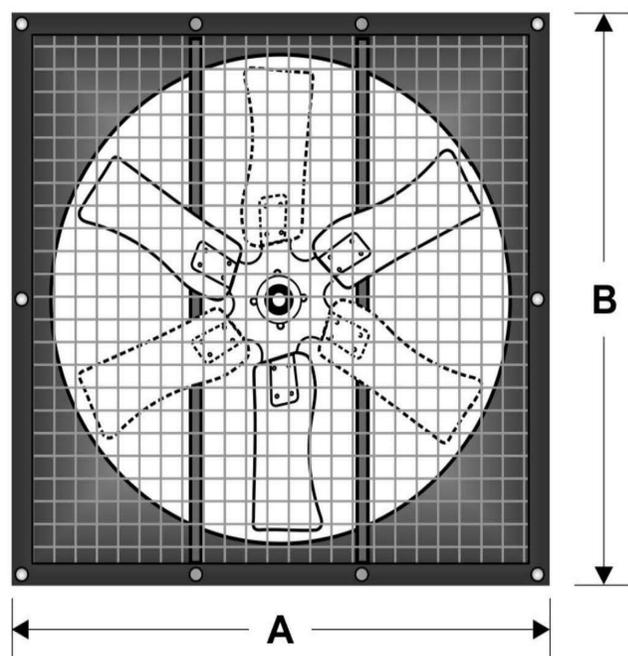
ACOPLAMIENTO DIRECTO / TRANSMISION DE POLEAS Y BANDAS

ATC HIGH EFFICIENCY AXIAL FANS AGRICULTURAL SERIES

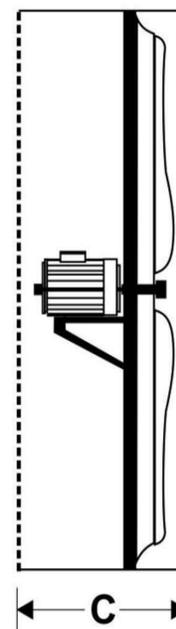
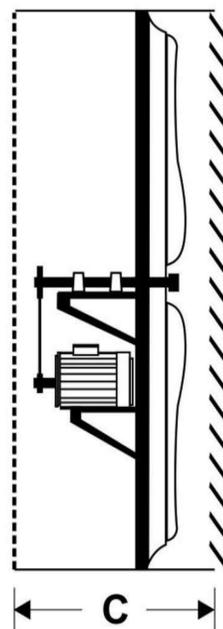
DIRECT DRIVE / BELT DRIVE

14", 18", 22", 24", 30", 36", 42", 48" DE DIÁMETRO (DIAMETER)

Vista Frontal (Front View)



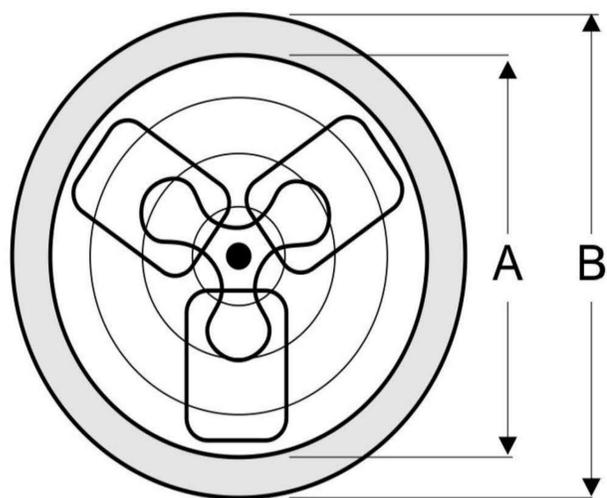
Vista Lateral (Side View)



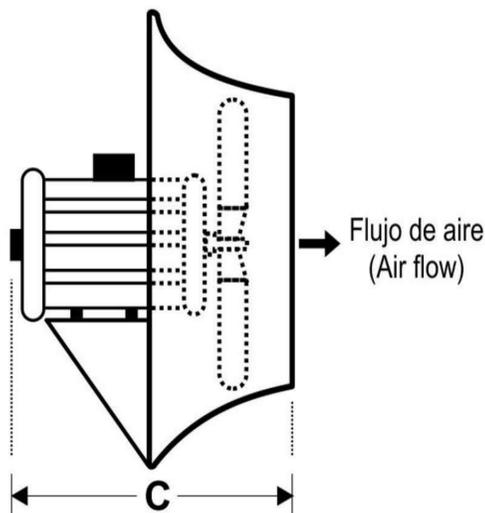
Transmisión de Poleas y Banda (AGB)
(Belt Drive)

Acoplamiento Directo (AGD)
(Direct Drive)

Vista Frontal (Front View)



Vista Lateral (Side View)



Acoplamiento Directo con cono de succión (AGDC)
(Direct drive with inlet cone)

DIMENSIONES GENERALES (DIMENSIONS)

| MODELO (MODEL) | PULGADAS (inches) | | |
|-------------------|-------------------|----|--------|
| | A | B | C |
| AGD-24 | 30 | 30 | 16 |
| AGD-30 | 36 | 36 | 16 |
| AGD-36 | 42 | 42 | 16 |
| AGD-42 | 48 | 48 | 16 |
| AGB-24 | 30 | 30 | 20 |
| AGB-30 | 36 | 36 | 20 |
| AGB-36 | 42 | 42 | 20 |
| AGB-42 | 48 | 48 | 20 |
| AGB-48/L | 54 | 54 | 20 |
| AGB-48/M | 54 | 54 | 20 |
| AGDC-14 | 14 3/4 | 20 | 17 1/2 |
| AGDC-18 | 19 1/4 | 24 | 17 1/2 |
| AGDC-22 | 22 5/8 | 29 | 17 1/2 |
| AGDC-30 | 31 | 37 | 16 1/4 |

MOMG
E L E C T R I C

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