



Product sheet
AT Fan

- High airflow performance reduces total number of fans needed
- Certified CFM/Watt air performance numbers by BESS Lab
- Cast-aluminum 3-blade airfoil propeller
- Tapered housings and extended cones
- Housing bottom slopes outward
- High-efficiency enclosed motors
- Stainless steel hardware
- PVC coated guards
- Exclusive motor/bearing supports

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AT 36" Fan

The AT Aerotech fan is built for performance and reliability utilizing a number of features. This is the fan for producers who demand the best value.

The cast aluminum 3-blade airfoil-design propeller moves more air per watt than stamped steel blades. The high airflow performance (CFM) reduces the total fan requirements and have certified CFM/Watt air performance ratings by BESS Lab. The high efficiency continues inside the fan with capacitor-start/capacitor-run motors totally enclosed for protection from the environment. Exclusive motor/bearing supports are streamlined for minimal air resistance while providing solid 4-way support.

The durability continues on the outside with tapered housings and extended cones to smooth the airflow and dramatically improve efficiency. The housing bottom slopes out toward exterior drain holes to keep the building drier.





Belt Tensioner

High quality belt tightener

For a low maintenance alternative Munters offers a premium automotive style belt tensioner designed to reduce wear on drive components and keep a constant tension for optimal performance. The tensioner arm can be greased in two locations. Our new double seal pulley bearing keeps moisture out for longer life.

Larger-diameter pulleys

Large pulleys provide greater belt wrap. This means belt tension can be lower without slippage, so there's less stress that reduces the life of belts and bearings.

Performance Information: Fan complete with discharge cone, guard and inlet shutter.

| Catalog No. | Prop. Dia. | Drive Type | Motor HP | Prop RPM | Max. BHP | 0.00" SP | | 0.05" SP | | 0.10" SP | | 0.15" SP | | BESS Lab Test |
|-------------|------------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------------|
| | | | | | | CFM | CFM/Watt | CFM | CFM/Watt | CFM | CFM/Watt | CFM | CFM/Watt | |
| AT36ZC | 36" | Direct | 1/2 | 850 | 0.60 | 12,620 | 21.0 | 11,870 | 18.7 | 10,920 | 16.6 | 9,950 | 14.7 | 96151 |
| AT36SZC | 36" | Belt | 1/2 | 770 | 0.67 | 12,570 | 21.4 | 11,800 | 19.4 | 10,880 | 17.1 | 9,890 | 15.2 | 93239 |
| AT361ZC | 36" | Belt | 1 | 1010 | 1.35 | 15,850 | 13.4 | 15,150 | 12.4 | 14,560 | 11.7 | 13,930 | 11.0 | 04084 |
| AT361SZC | 36" | Belt | 1-1/2 | 1075 | 1.63 | 16,910 | 11.8 | 16,260 | 11.0 | 15,700 | 10.4 | 15,110 | 9.8 | 04085 |



Note:

1. The ratings shown are based on tests and procedures performed at the BESS Lab, University of Illinois in accordance with ASHRAE Standard 51-1999.
2. BHP values were not measured at BESS Lab. The BHP values shown were derived from actual Watt measurements using motor efficiency values supplied by the motor manufacturers.
3. Performance shown is for installation type A: Free inlet, Free outlet.
4. Speed (RPM) shown is nominal. Performance is based on actual test speed.
5. Performance ratings include the effects of a discharge cone, guard and inlet shutter in the airstream.

Aerotech Fan, Advantage fans line is developed and produced by Munters Corporation, Mason Michigan USA



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