



# Easy Access Axial Fans

Swingout & Clamshell Construction







## >> Axial Swingout Fans

Aerovent's axial swingout fans are designed for frequent cleaning and provide easy access to the fan's internal components without having to remove it from the ductwork. These units have a proven track record for handling rugged exhaust applications in a wide variety of environments. Heavy duty hinges, positive locking latches and full gasketing provide a complete seal when doors are closed.

### Benefits of Easy Access Axial Fans

- > Reduced Down Time
- > Easy Maintenance
- > Fast Cleaning
- > Quick Inspection
- > Less Labor
- > Accelerated Repairs



### Common Applications

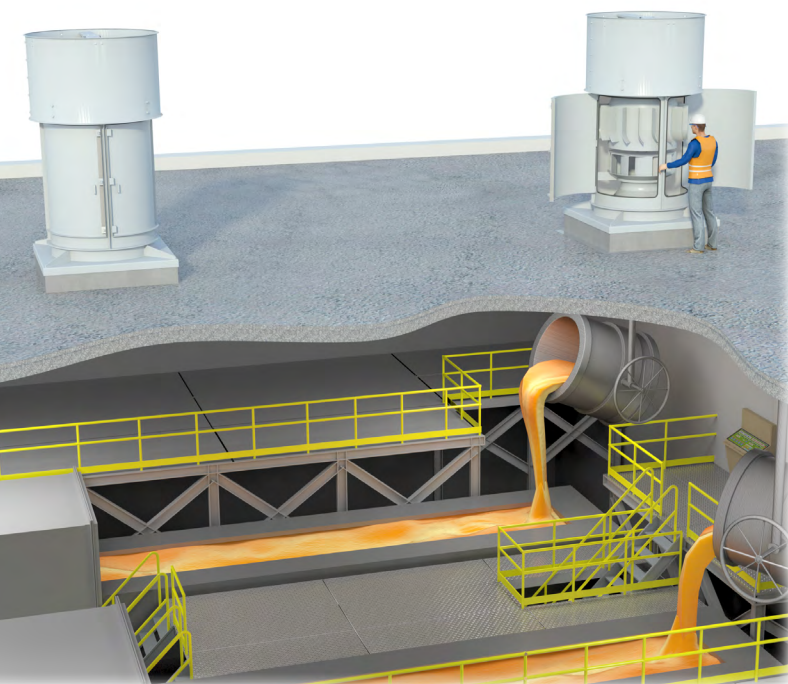
- > Paint Finishing Systems
- > Pulp & Paper Production
- > Heat Recovery Steam Generators
- > Potash Production
- > Slurry Prep Facilities
- > Steel & Aluminum Foundries

### Models Available with Easy Access Construction

- > Tubeaxial Fan Models  
TA/TABD, PTA/PTAB, TSBD
- > Vaneaxial Fan Models  
VJ/VJBD, VP/VPBD, VSBD
- > Mixed Flow & Centaxial Fan Models  
AMX, CDD/CBD
- > See back page for available size ranges

### Accessories & Options

- > Available in steel, aluminum, & stainless steel
- > Corrosion resistance coatings
- > OSHA belt guards
- > Security hasps (locks not included)



## Full Swingout Fans

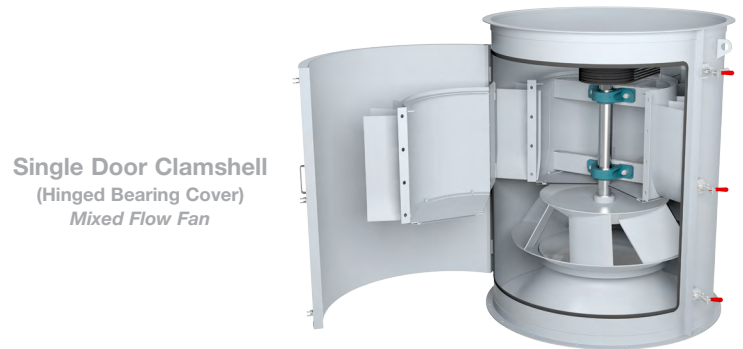
Impeller shaft and bearings are mounted to the door providing easy access to all components outside of the airstream. Swingout construction is for vertical mounting applications only.



**Full Swingout**  
(Bearing Cover Cutaway)  
*Tubeaxial Fan*

## Single & Double Door Clamshell Designs

Large hinged access doors provide easy access to the fan components. Impeller shaft and bearings are mounted to the housing and stay in the airstream when the doors are opened. One of the two access doors is wide enough for impeller removal. Clamshell construction is for vertical mounting applications only.



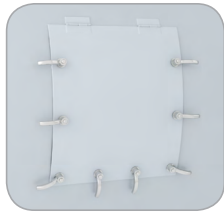
**Single Door Clamshell**  
(Hinged Bearing Cover)  
*Mixed Flow Fan*

## Full Access Doors

An oversized, full access door is used for applications that require occasional access. After the full access door is removed, the internal components of the fan can be accessed through a bolted inspection port on the interior of the fan.

## Quick Open & Bolted Access Doors

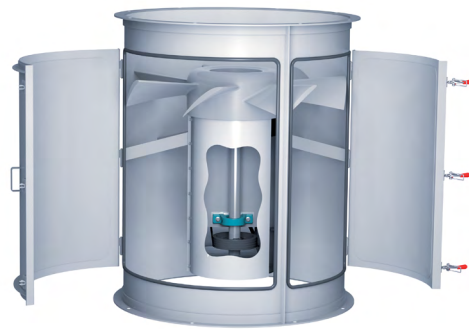
Quick Open and Bolted Access doors allow for easy inspection. The Quick Open Access Door is specifically designed for fan's that require frequent inspection.



Quick Access Doors



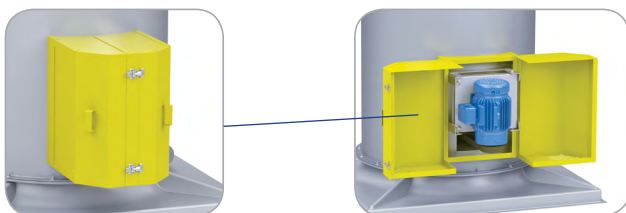
Bolted Access Doors



**Double Door Clamshell**  
(Bearing Cover Cutaway)  
*Tubeaxial Fan*

## Clamshell Motor Covers

Clamshell motor covers provide direct access to a fan's motor without having to remove the motor cover. For vertical mounting applications only.



**Max Access Door & Inspection Port**





## >> Easy Access Axial Fans



EASY ACCESS DESIGN	INLINE/MIXED FLOW FANS		VANEAXIAL & TUBEAXIAL FANS	
	Belt Drive	Direct Drive	Belt Drive	Direct Drive
	Size Range	Size Range	Size Range	Size Range
Swingout	16 - 32"	16 - 32"	24 - 60"	24 - 60"
Clamshell	12 - 39"	12 - 39"	18 - 60"	18 - 60"
Full Access Door	12 - 71"	12 - 71"	18 - 60"	18 - 60"



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