



AIR MOVEMENT



SALES SHEET | PRODUCT HIGHLIGHT

## FIBERGLASS AIR CONTROL PRODUCTS

SERIES FFL, FEP, FLC, FCO, & FCP

All series are constructed entirely of fiberglass. Series FFL Fiberglass Fixed Blade Drainable Louver is recommended for air intake, exhaust or pressure relief applications where corrosive elements exist in fume or vapor form. Series FEP Fiberglass End-Pivoted Automatic Shutter is best suited for applications where corrosive elements exist in fume or vapor form. Series FLC Fiberglass Low Velocity Center-Pivoted Damper is recommended for control applications used in conjunction with low pressure, low velocity fans, such as propeller fans, power roof ventilators and utility sets. Series FCO is opposed blade and Series FCP is parallel blade and units can be manually or motor operated and are best suited for applications where corrosive elements exist in fume or vapor form.

### THE BOLD DIFFERENCE:

#### BUILT LIKE A TANK

- ☐ Superior corrosion resistance – only the hardware is metallic
- ☐ Strength-to-weight ratio 43% greater than that of aluminum
- ☐ Excellent dimensional stability – will not become brittle at low temperatures

#### HIGH END DESIGN

- ☐ Pultruded blade shapes designed for strength and low pressure drop
- ☐ Fully performance tested in Hartzell's AMCA Accredited laboratory
- ☐ Customizable to nearly any dimensions

#### NO HASSLE MAINTENANCE

- ☐ No lubrication of moving parts required
- ☐ Available in duct or flange mount for ease of installation

### CLAIMS COMPETITORS CANNOT MAKE:

Fully performance tested in Hartzell's AMCA Accredited laboratory

Externally mounted linkage for high pressure products

### QUALITY AT EVERY TURN

Hartzell exceeds the standard in the air movement industry, committed to delivering top-quality, reliable products. Our relationship with our customers, and our knowledgeable, inventive, flexible and hardworking employees are the reasons we've continued and thrived, right here in the USA, for six generations.

Made in the USA

### SPECIFICATIONS:

Sizes	Available in standard & custom sizes
Material	Fiberglass
Maximum Face Velocity	828 - 6,000 FPM
Maximum Differential Pressure	1" - 20" W.G.

1-800-336-3267

INFO@HARTZELL.COM

HARTZELLAIRMOVEMENT.COM

910 S DOWNING ST,  
PIQUA, OH 45356

## Markets

*The Hartzell Fiberglass Air Control Products are designed for a wide range of industry applications:*



Chemical



Energy



Food Processing



Water and  
Wastewater

## GENERAL FEATURES

**Fiberglass (FRP) Construction** — Standard fiberglass components are made of solid molded fiberglass consisting of corrosion resistant vinyl ester resin and glass fibers. All nuts, bolts and fasteners in contact with the airstream are stainless steel and encapsulated with fiberglass. Resin has a Class I flame spread rate of 25 or less. External fiberglass housing surfaces are protected with a minimum 10-mil UV resistant resin coating.

**Temperature** — Suitable for temperatures up to 200°F.

## FEATURES

### SERIES FFL:

#### Fixed Blade Drainable Louver

**Louver Sizes** — Louvers can be up to 72" W x 72" H with a 12" minimum. Larger size units are available in multiple panel construction with special reinforced manufacturing techniques.

### SERIES FEP:

#### End-Pivoted Automatic Shutter

**Panel Sizes** — Panels can be up to 48" W x 48" H with a 12" minimum. Larger size units are available in multiple panel construction with special reinforced manufacturing techniques.

### SERIES FLC:

#### Low Velocity Center-Pivoted Damper

**Panel Sizes** — Panels can be up to 48" W x 48" H with a 12" minimum. Larger size units are available in multiple panel construction with special reinforced manufacturing techniques.

### SERIES FCO & FCP:

#### Center Pivoted Volume Control Dampers — opposed or parallel blade configuration

**Panel Sizes** — Panels can be from 12" to 72" in height and 12" to 48" in width. Larger size units are available in multiple panel construction with special reinforced manufacturing techniques.



## Performance Guarantee

You have high expectations. So does Hartzell Air Movement. We know you demand the most reliable and durable industrial air movement products available, so we're holding ourselves to a higher standard. We're so sure that our products will out-perform industry standards, we're backing that promise with the industry's first five-year warranty.

## Design Services

Hartzell offers designs and engineering support to custom design products to meet your specific applications.

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WITH US!



Contact your Hartzell Air Movement  
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[www.hartzellairmovement.com](http://www.hartzellairmovement.com)

800.336.3267