

### NEW BUBBLE-TIGHT DAMPERS



The NEW CD-91R is engineered for critical isolation and decontamination needs. It delivers bubble-tight performance at a lower cost.

The CD-95R is the workhorse of our bubble-tight line. It has the ability to handle most isolation applications, and it is now the only steel-constructed bubble-tight damper with

Our highest performing model for the heaviest workload. The NEW CD-99R is the preferred solution when system pressure and velocity requirements are at the highest.

#### AMCA Certification for Air Leakage.

Max System Pressure:	10 in. wg.
Max System Velocity:	4,000 FPM
Temperature Range:	-40°F – 250°F
Min Size	4" Ø
Max Size	36" Ø

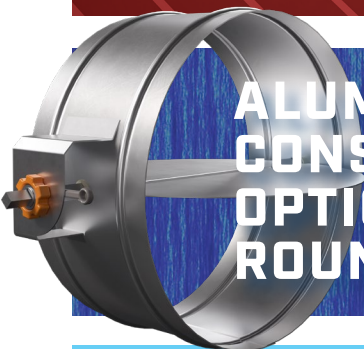
Four 1" lifting lugs provided on dampers > 16" Ø

Max System Pressure:	30 in. wg.
Max System Velocity:	6,500 FPM
Temperature Range:	-40°F – 250°F
Min Size	6" Ø
Max Size	48" Ø

Four 1" lifting lugs provided on dampers > 16" Ø

Max System Pressure:	40 in. wg.
Max System Velocity:	6,500 FPM
Temperature Range:	-40°F – 250°F
Min Size	6" Ø
Max Size	48" Ø

Four 1" lifting lugs provided on dampers > 16" Ø



### ALUMINUM CONSTRUCTION OPTION FOR ROUND DAMPERS

Aluminum construction with polymer locking hand quadrant will make it ideal for MRI Room applications.

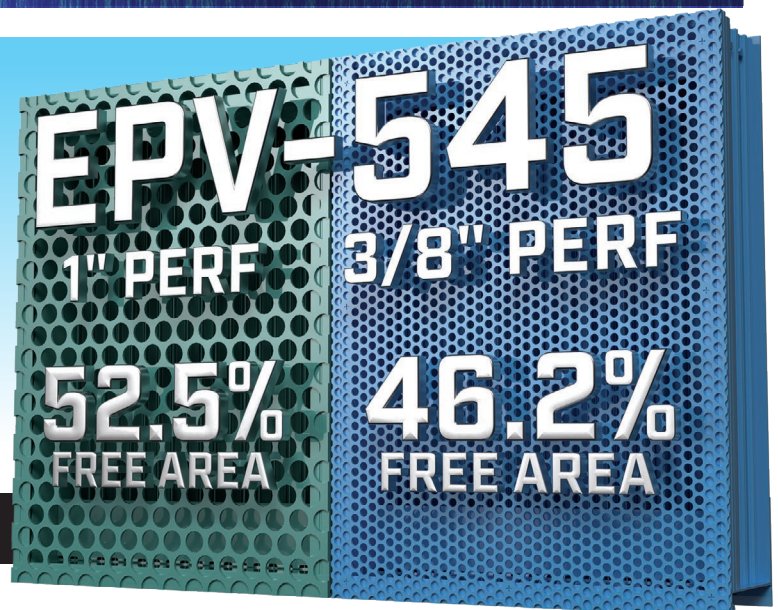
*Perfect for High-Humidity Environments!*

### NEW PERFORATED FACE LOUVERS

Our **EPV-545** 5- $\frac{3}{8}$ " Perforated face louver is designed to prevent water penetration in wind-driven rain applications while providing visual blending with its surrounding architecture. It features 45° vertical chevron style blades and a  $\frac{1}{8}$ " thick perforated aluminum face with either 1" or  $\frac{3}{8}$ " perforations.

Both versions AMCA 500-L\* – Penetration Class A.

*\*Tested in accordance to AMCA 550*







# TORNADO SUPPRESSION DAMPER

## TOR-550

Maximum Pressure: 83 in. wg.

Maximum System Velocity: 6400 fpm

Maximum Temperature: 250° F

In the event of a tornado or sudden pressure shift, the TOR-550 will close to protect the ductwork from collapsing and to prevent damage to the building. Once pressure levels have stabilized, the blades will reopen to restore normal airflow.

BEST-IN-CLASS  
FREE AREA

**52%**

**NEW  
HIDDEN  
MULLION  
OPTION**

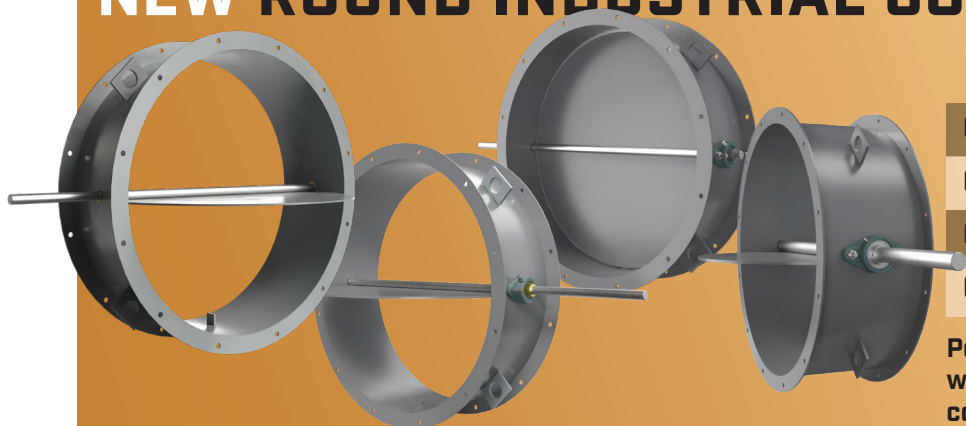


## 1.5" NARROWFRAME LOUVER **NEW EFJ-145**

Pottorff's newest louver release is light-weight, space saving, and cost-effective louver for situations where airflow is needed but water rejection isn't critical.

- Free Area Velocity: 349 fpm
- Air Volume Delivered: 2,896 cfm
- Pressure Loss: 0.03 in.wg.

## NEW ROUND INDUSTRIAL CONTROL DAMPERS



	PRESSURE	VELOCITY	TEMP
CD-81R	10 in.wg.	6,000	600°F
CD-83R	13.5 in.wg.	5,150	600°F
CD-85R	20 in.wg.	6,400	600°F
CD-87R	30 in.wg.	7,000	600°F

Pottorff continues to bolster its product line with the addition of new round industrial control dampers.

**CD-81R**

**CD-83R**

**CD-85R**

**CD-87R**

**POTTORFF®**

5101 Blue Mound Rd. - Fort Worth, Texas 76106 ■ 817-509-2300 ■ [www.pottorff.com](http://www.pottorff.com)



# NEW DROPBOX DIFFUSERS



DB4DD  
SQUARE NECK

**DB4**  
4 SIDED DIFFUSER

**DB4DD**  
4 SIDED DIFFUSER  
DUAL DEFLECTION GRILLE

**DB6**  
6 SIDED DIFFUSER

**DB6DD**  
6 SIDED DIFFUSER  
DUAL DEFLECTION GRILLE



DB6  
ROUND NECK

Pottorff's concentric dropbox diffusers help customers achieve reliable, efficient air distribution in virtually any type/size of building. Ships fully assembled, and ready to install from the factory with both standard Drum Louvers or optional Double-Deflection Grilles.

- 20 gauge Galvanneal steel
- Round neck and Square neck transitions
- Interior of the cabinet is covered with insulating and acoustic material and treated to prevent corrosion
- Cone Deflector diverts the air towards the diffusers for greater performance

# FIBERGLASS LOUVERS AND DAMPERS

Pottorff fiberglass products are designed for applications such as waste-water treatment plants, micro-electronics manufacturing facilities, or applications with chlorine gas in the air stream.

**FRP-81R**  
TRUE ROUND DAMPER  
SYSTEM VELOCITIES UP TO 2000 FPM

**FRP-83R**  
TRUE ROUND DAMPER  
SYSTEM VELOCITIES UP TO 5150 FPM

**FRP-85R**  
TRUE ROUND DAMPER  
SYSTEM VELOCITIES UP TO 6400 FPM

**FRP-81/82**  
TRIPLE-V BLADE DAMPERS  
SYSTEM VELOCITIES UP TO 2000 FPM

**FRP-91/92**  
AIRFOIL BLADE DAMPER  
SYSTEM VELOCITIES UP TO 4000 FPM

**FFJ-445**  
4" STATIONARY BLADE LOUVER

- AMCA Certified – Water Penetration, Air Performance

**FOJ-445**  
4" OPERABLE BLADE LOUVER

- Free Area: 40.2%
- Free Area Velocity: 627 fpm

**FRP-BDR**  
ROUND BACKDRAFT DAMPER  
ADJUSTABLE COUNTERBALANCE

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## NEW 6" COMBINATION BLADE LOUVER



**EXD-637**  
**BEST-IN-CLASS**  
**51.3% FREE AREA**

The EXD-637 louver features operable blades that allow positive shutoff protection of air intake and exhaust openings.

These units are also available with a variety of factory mounted electric or pneumatic actuators.

### Performance at Beginning Point of Water Penetration:

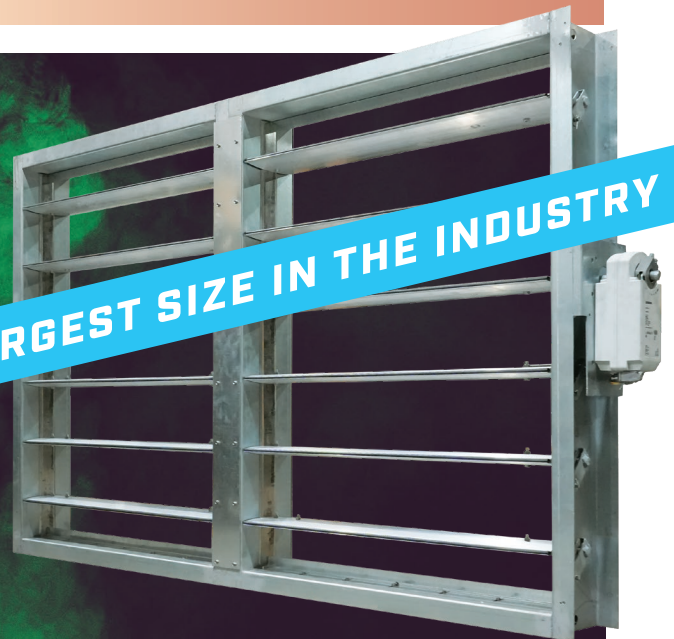
Free Area Velocity:	1,231 FPM
Air Volume Delivered:	10,134 CFM
Pressure Loss:	0.16 in. wg.

## BEST-IN-CLASS SD-93 SMOKE DAMPER

Pottorff is pleased to announce the release of our aluminum blade, SD-93 Industrial Smoke Damper. This damper features Class 1 UL rated leakage at multiple section sizes.

- Largest Size Multiple Section Size in the Industry 72" x 100"
- UL 555S Class 1 Leakage @ 3000 fpm, 4" wg. and 250° F

**LARGEST SIZE IN THE INDUSTRY**



## EFD-635-MD INDUSTRY LEADING FREE AREA

Our EFD-635-MD louver is engineered and tested to withstand the extreme loads, debris impact and cyclic fatigue associated with hurricanes.

- AMCA Rated for Water Penetration
- AMCA Rated for Air Performance
- Miami-Dade County Approved
- Florida Building Code Approved

**AMCA 540 LISTED (IMPACT RESISTANT) BASIC PROTECTION  
LEVEL D – ENHANCED PROTECTION – LEVEL E**



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