

# Duct-D-Fuser™ Terminal Outlets

## Product Guide

- Duct Registers
- Factair™ Industrial Diffusers
- Perforated Grilles

**McGill AirFlow LLC**

An enterprise of United McGill Corporation —  
Family owned and operated since 1951

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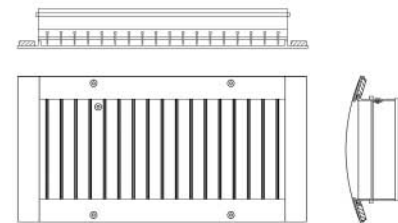
a McGill AirFlow™ product

### Duct Registers — Single Deflection

#### Model DDF-RSD Single Deflection Registers

- Extruded aluminum construction
- One-way deflection
- Single row of individually adjustable vertical blades for horizontal air deflection control
- Available as register only or register with adjustable air scoop
- Counter-sunk screwholes
- Available sizes: 3 x 10 inches to 12 x 36 inches for 5-inch to 36-inch diameters
- Bright White and Satin Anodized finishes

Product Designation	Description
<b>DDF-RSD</b>	Duct-D-Fuser, Register, single deflection
<b>DDF-RSDW</b>	Duct-D-Fuser, Register, single deflection, white
<b>DDF-RSDS</b>	Duct-D-Fuser, Register, single deflection, with air scoop
<b>DDF-RSDSW</b>	Duct-D-Fuser, Register, single deflection, with air scoop, white

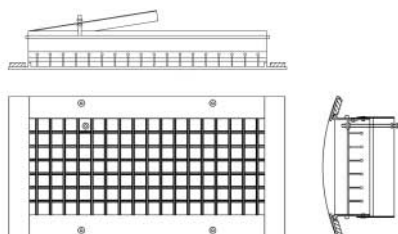
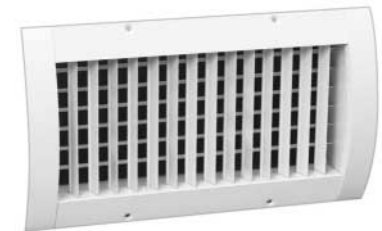


### Duct Registers — Double Deflection

#### Model DDF-RDD Double Deflection Registers

- Extruded aluminum construction
- Two-way deflection
- Two rows of individually adjustable vertical and horizontal blades for vertical and horizontal air deflection control
- Available as register only or register with adjustable air scoop (shown)
- Counter-sunk screwholes
- Available sizes: 3 x 10 inches to 12 x 36 inches for 5-inch to 36-inch diameters
- Bright White and Satin Anodized finishes

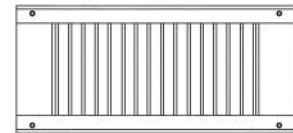
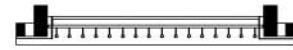
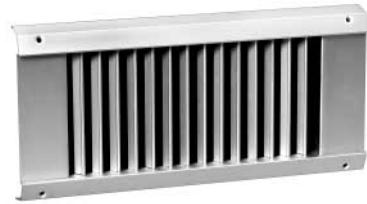
Product Designation	Description
<b>DDF-RDD</b>	Duct-D-Fuser, Register, double deflection
<b>DDF-RDDW</b>	Duct-D-Fuser, Register, double deflection, white
<b>DDF-RDDS</b>	Duct-D-Fuser, Register, double deflection, with air scoop
<b>DDF-RDDSW</b>	Duct-D-Fuser, Register, double deflection, with air scoop, white



## Duct Registers — Single Deflection, Universal

### Model DDF-RUSD Single Deflection, Universal Registers

- Extruded aluminum construction
- One-way deflection
- Single row of individually adjustable vertical blades for horizontal air deflection control
- Counter-sunk screwholes
- Available as register only or register with adjustable air scoop
- Available sizes: 3 x 10 inches to 12 x 36 inches
- Fits duct sizes 6 inches and larger based on diffuser height. Maximum diameter is unlimited; can be off flat.
- Bright White and Satin Anodized finishes

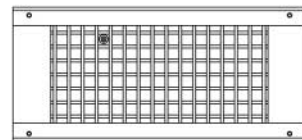
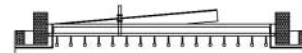
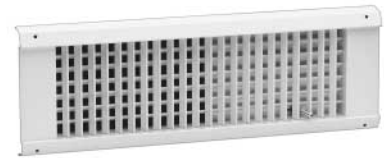


Product Designation	Description
<b>DDF-RUSD</b>	Duct-D-Fuser, Register, single deflection
<b>DDF-RUSDW</b>	Duct-D-Fuser, Register, single deflection, white
<b>DDF-RUSDS</b>	Duct-D-Fuser, Register, single deflection, with air scoop
<b>DDF-RUSDW</b>	Duct-D-Fuser, Register, single deflection, with air scoop, white

## Duct Registers — Double Deflection, Universal

### Model DDF-RUDD Double Deflection, Universal Registers

- Extruded aluminum construction
- Two-way deflection
- Two rows of individually adjustable vertical and horizontal blades for horizontal and vertical air deflection control
- Counter-sunk screwholes
- Available as register only or register with adjustable air scoop (shown)
- Available sizes: 3 x 10 inches to 12 x 36 inches
- Fits duct sizes 6 inches and larger based on diffuser height. Maximum diameter is unlimited; can be off flat.
- Bright White and Satin Anodized finishes



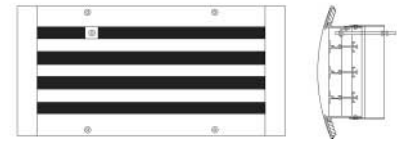
Product Designation	Description
<b>DDF-RUDD</b>	Duct-D-Fuser, Register, double deflection
<b>DDF-RUDDW</b>	Duct-D-Fuser, Register, double deflection, white
<b>DDF-RUDDS</b>	Duct-D-Fuser, Register, double deflection, with air scoop
<b>DDF-RUDDSW</b>	Duct-D-Fuser, Register, double deflection, with air scoop, white

## Duct Registers — Slot Face

### Model DDF-RLS Slot Face Registers

- Extruded aluminum construction
- Slot sizes available: 1/2, 3/4, and 1 inch
- Counter-sunk screwholes
- The air scoop comes standard on registers with 1-inch-wide slots

- The air scoop is not available on registers with 1/2- or 3/4-inch-wide slots, or with only one slot.
- Available in one to four slots tall x 48 inches wide for 6-inch to 30-inch diameters
- Bright White and Satin Anodized finishes
- Available in 12, 18, 24, 30, 36, 42, and 48-inch widths



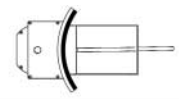
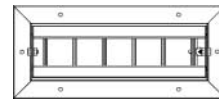
Product Designation	Description
<b>DDF-RLS2-1,2,3,4</b>	Duct-D-Fuser, Register, linear slot, 1/2 inch wide, (-# is number of slots)
<b>DDF-RLS2W-1,2,3,4</b>	Duct-D-Fuser, Register, linear slot, 1/2 inch wide, white, (-# is number of slots)
<b>DDF-RLS3-1,2,3,4</b>	Duct-D-Fuser, Register, linear slot, 3/4 inch wide, (-# is number of slots)
<b>DDF-RLS3W-1,2,3,4</b>	Duct-D-Fuser, Register, linear slot, 3/4 inch wide, white, (-# is number of slots)
<b>DDF-RLS4-2,3,4</b>	Duct-D-Fuser, Register, linear slot, 1 inch wide, (-# is number of slots)
<b>DDF-RLS4W-2,3,4</b>	Duct-D-Fuser, Register, linear slot, 1 inch wide, white, (-# is number of slots)
<b>DDF-RLS4S-2,3,4</b>	Duct-D-Fuser, Register, linear slot, 1 inch wide, with air scoop, (-# is number of slots)
<b>DDF-RLS4SW-2,3,4</b>	Duct-D-Fuser, Register, linear slot, 1 inch wide, with air scoop, white, (-# is number of slots)

## Duct Registers — Drum

### Model DDF-RD Drum Registers

- Clean architectural look ideal for exposed duct systems
- Long throw capabilities and adjustable air patterns
- The drum register able to rotate +/-40 degrees up or down while front blades pivot side to side
- The curved frame is rolled to the diameter

- of round duct or the minor axis of flat oval duct for a perfect fit
- Made from heavy gauge aluminum
- Available in heights of 4, 6, and 8 inches and lengths up to 60 inches
- Air scoop with face screw adjustments is available
- White powder coat and silver metallic finishes



Product Designation	Description
<b>DDF-RD</b>	Duct-D-Fuser, Drum Register, without air scoop
<b>DDF-RDW</b>	Duct-D-Fuser, Drum Register, without air scoop, white powder coat
<b>DDF-RDS</b>	Duct-D-Fuser, Drum Register, with air scoop
<b>DDF-RDSW</b>	Duct-D-Fuser, Drum Register, with air scoop, white powder coat

# Factair Industrial Diffusers

Model DDF-F100



Model DDF-F75



Model DDF-F50



Model DDF-F25



Model DDF-FB  
Ball-and-Socket  
Swivel Joint



## Factair Industrial Diffusers

There is a Factair model for any desired combination of direction, volume, pattern, or velocity control. All four Factair models include the discharge section that combines the perforated barrel and Vari-Damper airflow controller at the base. Factair models 75 and

100 include a ball and socket swivel joint that permits the worker to adjust the airflow up to 15° in any direction from the centerline axis. Models 50 and 100 include an internal volume damper for flow control.

- Available in diameters of 4-26 inches in 2-inch increments.
- Available in painted galvanized, 304 and 316 stainless steel, and aluminum.

Product Designation	Description
DDF-F25	<ul style="list-style-type: none"> <li>• Perforated barrel, Vari-Damper</li> <li>• pattern and velocity control</li> </ul>
DDF-F50	<ul style="list-style-type: none"> <li>• Perforated barrel, Vari-Damper, and volume damper</li> <li>• volume, pattern, and velocity control</li> </ul>
DDF-F75	<ul style="list-style-type: none"> <li>• Perforated barrel with ball and socket swivel joint and Vari-Damper</li> <li>• directional, pattern, and velocity control</li> </ul>
DDF-F100	<ul style="list-style-type: none"> <li>• Perforated barrel with ball and socket swivel joint, Vari-Damper, and volume damper</li> <li>• directional, pattern, volume, and velocity control</li> </ul>
DDF-FB	<ul style="list-style-type: none"> <li>• Ball and socket swivel joint</li> <li>• directional control</li> </ul>

## Perforated Duct Sections

### Model DDF-SP Perforated Duct

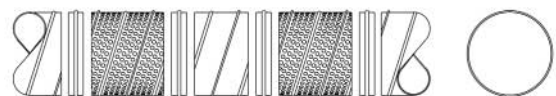
- Available in galvanized, paintable galvanized, 304 and 316 stainless steel, and aluminum
- Ribbed spiral lock seam duct with 23 percent open area
- 360° air diffusion
- Outfitted with standard slip collars for easy installation
- Custom designed assemblies using McGill AirFlow's proprietary software
- Lengths: 16 inches through 20 feet
- Available diameters: 9 through 60 inches

Product Designation	Description
DDF-SP	Duct-D-Fuser, in-duct fitting or Duct-D-Fuser, duct assembly

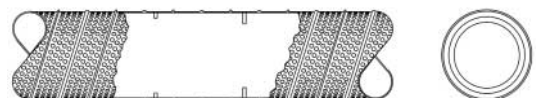
### Model DDF-SP In-Duct Fitting



### Model DDF-SP In-Duct Fitting assembled with duct



### Model DDF-SP Duct Assembly

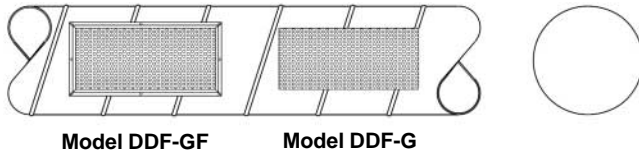


# Perforated Grilles

## Model DDF-G Perforated Grilles

- Galvanized steel construction
- Mitered, offset frame
- Closed cell perimeter gasketing on framed models for sealing
- Optional opposed blade damper
- Available in galvanized, paintable galvanized, 304 and 316 stainless steel, and aluminum
- Available unframed or framed, loose or as an assembly mounted to duct or a fitting body
- Sizes: 31 available sizes

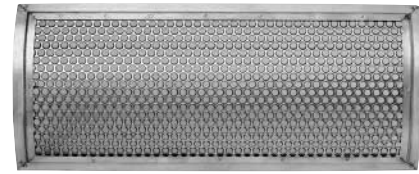
Product Designation	Description
<b>DDF-GB</b>	Duct-D-Fuser, Grille, unframed, on a fitting body
<b>DDF-GD</b>	Duct-D-Fuser, Grille, unframed, on a fitting body with a barrel damper
<b>DDF-G</b>	Duct-D-Fuser, Grille, unframed, loose or mounted to duct
<b>DDF-GF</b>	Duct-D-Fuser, Grille with a frame, loose or mounted to duct
<b>DDF-GOBD</b>	Duct-D-Fuser, Grille with a frame and attached opposed blade damper



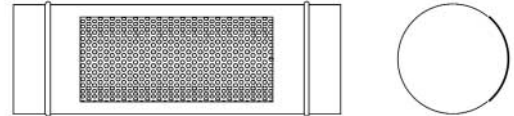
Model DDF-GF

Model DDF-G

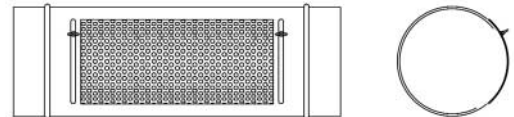
Model DDF-GF



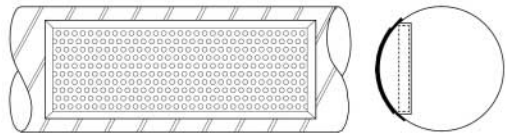
Model DDF-GB



Model DDF-GD



Model DDF-GOBDM



## McGill AirFlow LLC

An enterprise of United McGill Corporation —  
Family owned and operated since 1951

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