



Ruskin[®] Quick Product Selection Tables: Life Safety

The Quick Product Selection Reference Guide assists in selecting the appropriate *Ruskin[®]* Product for your application.

Combination Fire/Smoke Dampers 1.5Hr

Combination Fire/Smoke Dampers 3Hr

Ceiling Fire Dampers - Non Wood Construction

Ceiling Fire Dampers - Wood Construction

Smoke Dampers

Corridor Dampers

1.5hr Dynamic Fire Dampers

3hr Dynamic Fire Dampers

1.5hr Static Fire Dampers

3hr Static Fire Dampers

Guillotine Fire Dampers

Marine Fire Dampers

DISCLAIMER

The *Ruskin[®]* brand's (hereinafter "Ruskin") content, functionality and product information provided in this data file, including Ruskin design and dimensions (collectively referred to herein as "Ruskin's Information") are offered solely to you as a convenience and are for your information only. Ruskin's Information is not a replacement for a professional engineering evaluation of the situation.

Life Safety > UL555 & UL555S Combination Fire & Smoke Rated Dampers / 1.5 Hour

Model	Construction	Class	Blade	Walls (Vertical)	Floors (Horizontal)	One-Side Angle Installation	Round Duct	Max Velocity	Max Static Pressure	Submittal	CSI 3-Part Spec	Basic Install sheet	CAD Install Drawing	3D Revit® Files
FSD35	Galv Steel	3	Triple V-Groove	126" x 96"	144" x 96"		Styles A, B, C, CR, LO, CO, WC, WO, WR. Round duct max is 94"	2,000 fpm	4" w.g					
FSD35G	Galv Steel	3	Triple V-Groove	48" x 48"				2,000 fpm	4" w.g					
FSD35GA	Galv Steel	3	Triple V-Groove	36" x 36"				2,000 fpm	4" w.g				-	
FSD35OW <small>based on 4" thick wall. Add 1" to sleeve length for each additional 1" of wall thickness.</small>	Galv Steel	3	Triple V-Groove	36" x 36"	36" x 36"		This damper can have style A, B, WC, WO, WR. Round duct max is 34"	2,000 fpm	4" w.g				-	
FSD35SS	Stainless Steel	3	Triple V-Groove	90" x 48"	90" x 48"		Styles A, B, C, R, CR, LO, CO, WC, WO, WR. Round duct max is 46"	2,000 fpm	4" w.g					
FSD36	Galv Steel	2	Triple V-Groove	120" x 96"	144" x 96"		Styles A, B, C, CR, LO, CO, WC, WO, WR. Round duct max is 94"	2,000 fpm	4" w.g					
FSD36FA	Galv Steel	2	Triple V-Groove	36" x 36"				2,000 fpm	4" w.g					
FSD36G	Galv Steel	2	Triple V-Groove	36" x 36"				2,000 fpm	4" w.g					
FSD36GA	Galv Steel	2	Triple V-Groove	36" x 36"				2,000 fpm	4" w.g				-	
FSD36LP	Galv Steel	2	aerodynamic shaped	36" x 14"	36" x 14"		Styles A, B, C, CR, LO, CO, WC, G, WO, WR. Round duct max is 12"	2,000 fpm	4" w.g					
FSD36OW	Galv Steel	2	Triple V-Groove	36" x 36"	36" x 36"		This damper can have style A, B, WC, WO, WR. Round duct max is 34"	2,000 fpm	4" w.g				-	
FSD36SS	Stainless Steel	2	Triple V-Groove	90" x 48"	90" x 48"		Styles A, B, C, R, CR, LO, CO, WC, WO, WR. Round duct max is 46"	2,000 fpm	4" w.g					
FSD37	Stainless Steel	1	Triple V-Groove	120" x 96"	20 ga or 144" x 96" w/ 18-10 ga.		Styles A, B, C, R, CR, LO, CO, WC, WO, WR. Round duct max is 94"	2,000 fpm	4" w.g					

FSD37LP	Galv Steel	1	Triple V-Groove	36" x 14"	36" x 14"		Styles A, B, C, CR, LO, CO, WC, G, WO, WR. Round duct max is 12"	2,000 fpm	4" w.g						
FSD37SS	Stainless Steel	1	Triple V-Groove	90" x 32"	90" x 32"		Styles A, B, C, CR, CO, WC, WO, WR. Round duct max is 30"	2,000 fpm	4" w.g						
FSD60	Galv Steel	1	Airfoil	120" x 96"	120" x 96"	90" x 48" or 48" x 90"	Styles A, B, C, R, CR, LO, CO, WC, WO, WR. Round duct max is 94"	2000 fpm for this size. Different sizes are different velocities. 3,000 fpm and up to 4,000 fpm	8" w.g						
FSD60-2	Galv Steel	2	Airfoil	120" x 96"	120" x 96"	90" x 48" or 48" x 90"	Styles A, B, C, R, CR, LO, CO, WC, WO, WR. Round duct max is 94"	2000 fpm for this size. Different sizes are different velocities. 3,000 fpm and up to 4,000 fpm	4" w.g						
FSD60-2GA	Galv Steel	2	Airfoil	36" x 36"				4,000 fpm	8" w.g				-		
FSD60-2OW	Galv Steel	2	Airfoil	32" x 36"	32" x 36"		This damper can have style A, B, WC, WO, WR. Round duct max is 30"	4,000 fpm	8" w.g				-		
FSD60-VGA	Galv Steel	1	Airfoil	36" x 32"				4,000 fpm	8" w.g				-		
FSD60-VOW	Galv Steel	1	Vertical Airfoil	32" x 36"	32" x 36"			4,000 fpm	8" w.g						
FSD60FA	Galv Steel	1	Airfoil	48" x 48"				2,000 fpm	4" w.g						
FSD60FA-M	Galv Steel	1	Airfoil	48" x 48"				3,000 fpm	8" w.g						
FSD60G	Galv Steel	1	Airfoil	36" x 36"				4,000 fpm	8" w.g						
FSD60GA	Galv Steel	1	Airfoil	36" x 36"				4,000 fpm	8" w.g						
FSD60LP	Galv Steel	1	Airfoil	36" x 14"			Styles A, B, C, CR, LO, CO, WC, G, WO, WR. Round duct max is 12"	2,000 fpm	4" w.g						
FSD60LP-2	Galv Steel	2	Aerodynamic Blade	36" x 14"			Styles A, B, C, CR, LO, CO, WC, G,	2,000 fpm	4" w.g				-		













































FSD60M	Galv Steel	1	Airfoil	120" x 48"			WO, WR. Round duct max is 12" Styles A, B, C, CR, CO, WC, WO, WR. Round duct max is 46"	2,000 fpm	4" w.g						
FSD60OW	Galv Steel	1	Airfoil	32" x 36"			Styles A, B, WC, WO, WR. Round duct max is 30"	4,000 fpm	8" w.g				-	-	
FSD60V	Galv Steel	2	Vertical Airfoil	48" x 32"			Styles A, C, CR, CO, WC, WO, WR. Round duct max is 30"	4,000 fpm	8" w.g						
FSD60XP	Galv Steel	1	Airfoil	64" x 48"			Styles A, B, C, CR, CO, WC, WO, WR. Round duct max is 46"	2,000 fpm	4" w.g						
FSDR25 - True Round	Galv Steel	1	Round Butterfly	Mount horizontal or 30 degrees off at max.			6" - 24" diameter	3,000 fpm	4" w.g						
FSDR25SS - True Round	Stainless Steel	1	True Round	Mount horizontal or 30 degrees off at max.			6" - 24" diameter	4,000 fpm	4" w.g		-		-	-	-
FSDR60 - True Round	Galv Steel	1	True Round	Mount horizontal or 30 degrees off at max.			6" - 24" diameter	3,000 fpm	4" w.g		-		-	-	-

Life Safety > UL555 & UL555S Combination Fire & Smoke Rated Dampers / 3 Hour

Model	Construction	Class	Blade	Walls	Floors	One-Side Angle Installation	Round Duct	Max Velocity	Max Static Pressure	Submittal	CSI 3-Part Spec	Basic Install sheet	CAD Install Drawing	3D Revit® Files
FSD60-3	Galv Steel	1	Airfoil	120" x 96"	144" x 96"		Styles A, B, C, CR, LO, CO, WC, WO, WR. Round duct max is 12"	4,000 fpm	8" w.g					
FSD60-3M	Galv Steel	3	Airfoil	120" x 48"	120" x 48"		Styles A, B, C, CR, CO, WC, WO, WR. Round duct max is 46"	2,000 fpm	4" w.g					

Life Safety > Ceiling Fire Dampers - FOR NON-WOOD CONSTRUCTED CEILINGS

Fusible Link - 165 °F (74°C) standard. 212 °F (100 °C) available at no additional cost.

Model	Construction	Class	Blade	Minimum Size	Maximum Size	Submittal	CSI 3-Part Spec	Basic Install sheet	CAD Install Drawing	3D Revit® Files
CFD2	Galv Steel (in gauges required by UL listing R8039)	UL555C Classified	Galv Steel (in gauges required by UL listing R8039)	8" x 10" (203 x 254)	324 sq. in. (2090) with A or B dim. < or = 24" (610)					
CFD3	Galv Steel (in gauges required by UL listing R8039)	UL555C Classified	Galv Steel (in gauges required by UL listing R8039)	5" x 4" (127 x 102)	70 sq. in. (452) max.				 	
CFD3.5	Galv Steel (in gauges required by UL listing R8039)	UL555C Classified	Galv Steel (in gauges required by UL listing R8039)	5" x 4" (127 x 102)	70 sq. in. (452) max.				 	
CFD4	Galv Steel (in gauges required by UL listing R8039)	UL555C Classified	Galv Steel (in gauges required by UL listing R8039)	14" x 24" or 24" x 14" (356 x 610 or 610 x 356)	576 sq. in. (3716) with max. A or B dim. of 24" (610)				 	
CFD5	Galv Steel (in gauges required by UL listing R8039)	UL555C Classified	Galv Steel (in gauges required by UL listing R8039)	Diffuser neck 5"w x 4"h (102 x 127)	(Inside Dimension) Ceiling opening – 24" x 24" (610 x 610). Diffuser Neck 18" x 18" (457 x 457)				 	
CFD8	Galv Steel (in gauges required by UL listing R8039)	UL555C Classified	Galv Steel (in gauges required by UL listing R8039)	6"w x 6"h (152 x 152)	18"w x 18"h (457 x 457)		-		-	
CFDR2	Galv Steel (in gauges required by UL listing R8039)	UL555C Classified	Galv Steel (in gauges required by UL listing R8039)	12" (305) diameter	20" (508) diameter				 	
CFDR3	Galv Steel (in gauges required by UL listing R8039)	UL555C Classified	Galv Steel (in gauges required by UL listing R8039)	5" (127) diameter.	10" (254) diameter				 	

CFDR3.5	Galv Steel (in gauges required by UL listing R8039)	UL555C Classified	Galv Steel (in gauges required by UL listing R8039)	5" (127) diameter.	10" (254) diameter					
CFDR5	Galv Steel (in gauges required by UL listing R8039)	UL555C Classified	Galv Steel (in gauges required by UL listing R8039)	5" (127) diameter	(Inside Dimension) Diffuser neck 20" (508) diameter					

Life Safety > Ceiling Fire Dampers - FOR WOOD CONSTRUCTED CEILINGS

Fusible Link - 165 °F (74°C) standard. 212 °F (100 °C) available at no additional cost.





































Model	Construction	Class	Blade	Minimum Size	Maximum Size	Submittal	CSI 3-Part Spec	Basic Install sheet	CAD Install Drawing	3D Revit® Files
CFD7	Galv Steel (in gauges required by UL listing R8039)	UL555C Classified	Galv Steel (in gauges required by UL listing R8039)	5" x 4" (127 x 102)	16" x 12" (406 x 305)		-		-	
CFD7(T)	Galv Steel (in gauges required by UL listing R8039)	UL555C Classified	Galv Steel (in gauges required by UL listing R8039)	5" x 4" (127 x 102)	18" x 18" (457 x 457) Options – Steel Plenum box, R6Duct Board Plenum box, and Optional Boots.		-		-	
CFD7RT	Galv Steel (in gauges required by UL listing R8039)	UL555C Classified	Galv Steel (in gauges required by UL listing R8039)	5" dia. (127)	18" dia. (457).		-		-	-
Model	Construction	Class	Blade	Minimum Size	Maximum Size	Submittal	CSI 3-Part Spec	Basic Install sheet	CAD Install Drawing	3D Revit® Files
CFD4W	22 gauge (.8) galvanized steel, with UL Classified insulation	Warnock Hersey	22 gauge (.8) galvanized steel, with UL	14"w x 24"h (356 x 607) or 24"w x 14"h (607 x 356)	576 sq. in. (3716). Maximum A and B dimension 24" (610)					

	as required.		Classified insulation as required.								
CFDR2W	20 gauge (.9) galvanized steel, with UL Classified insulation as required.	Warnock Hersey	20 gauge (.9) galvanized steel, with UL Classified insulation as required.	12" (305) diameter.	20" (508) diameter						
CFDR3W	20 gauge (.9) galvanized steel, with UL Classified insulation as required.	Warnock Hersey	20 gauge (.9) galvanized steel, with UL Classified insulation as required.	5" (127) diameter.	11" (254) diameter						
DFS DR1	20 gage (1.0) galvanized steel	UL555C Classified	20 gage (1.0) galvanized steel	6", 8", 10" 12" dia.	6", 8", 10" 12" diameters *comes w/ a blanket						











Life Safety > UL555S Tested, Smoke Dampers

Model	Construction	Class	Blade	Minimum Size (Horizontal and Vertical)	Maximum Size	Round	Max Velocity	Max Static Pressure	Submittal	CSI 3-Part Spec	Basic Install sheet	CAD Install Drawing	3D Revit® Files
SD102	12 Gage Steel	2	Aluminum Airfoil	Single blade– 12" w x 6" h Multiple blade– 12" w x 14" h	Single Section– 36" w x 48" h Multiple sections– 72" w x 48" h		2,000 fpm tested at 5,000 fpm	6" w.g tested at 24" w.g					
SD35	Galv Steel	3	3V	6" w x 6" h (152 x 152)	Single Section– 36" w x 72" h Multiple sections– 144" w x 96" h, 288" w x 48" h or 72" w x 192" h	Transition – min. 4" dia. max. 94"	2,000 fpm	4" w.g					
SD35SS	Stainless Steel	3	V-Groove	8" w x 6" h (152 x 203)	Single Section– 36" w x 48" h	Transition – min. 4"	2,000 fpm	4" w.g					

					Multiple sections— 144" w x 96" h, 288" w x 48" h or 72" w x 192" h	dia. max. 94"								
SD36	Galv Steel	2	3V	8" w x 6" h (152 x 203)	Single Section— 36" w x 72" h Multiple sections— 144" w x 96" h, 288" w x 48" h or 72" w x 192" h	Transition – min. 4" dia. max. 94"	2,000 fpm	4" w.g				 		
SD36SS	Stainless Steel	2	3V	8" w x 6" h (152 x 203)	Single Section— 36" w x 48" h Multiple sections— 144" w x 96" h, 288" w x 48" h or 72" w x 192" h	Transition – min. 4" dia. max. 94"	2,000 fpm	4" w.g				 		
SD37	Galv Steel	1	Airfoil or 3V	8" w x 6" h (152 x 203)	Single Section— 36" w x 72" h Multiple sections— 144" w x 96" h, 288" w x 48" h or 72" w x 192" h	Transition – min. 4" dia. max. 94"	2,000 fpm	4" w.g				 		
SD37SS	Stainless Steel	1	Airfoil or 3V	12" x 6" (305 x 152)	Single Section— 24" w x 32" h Multiple sections— 96" w x 64" h, 192" w x 32" h or 48" w x 128" h	Transition – min. 10" dia. max. 62"	2,000 fpm	4" w.g				 		
SD50	Aluminum	1	Aluminum Airfoil	6" x 6" (152 x 152)	Single Section— 48" w x 72" h Multiple sections— 144" w x 96" h, 288" w x 48" h or 72" w x 192" h	Transition – min. 4" dia. max. 94"	4,000 fpm	8" w.g				 		
SD60	Galv Steel	1	Airfoil	8" w x 6" h (152 x 203)	Single Section— 48" w x 72" h Multiple sections— 144" w x 96" h, 288" w x 48" h or 72" w x 192" h	Transition – min. 4" dia. max. 94"	4,000 fpm	8" w.g				 		

SD60LP-2	Galv Steel	2	Airfoil	6" x 6" (152 x 152)	Single Section– 36"w x 14"h	Transition – min. 4" dia. max. 94"	2,000 fpm	4" w.g				 	
SD60-2	Galv Steel	2	Airfoil	8"w x 6"h (152 x 203)	Single Section Vert. 32"w x 48"h Hor. 30"w x 48"h Multiple sections– horizontal/vertica l 120"w x 96"h Pneumatic 144"w x 96"h,	Transition – min. 4" dia. max. 94"	4,000 fpm	8" w.g				 	
SD60M	Galv Steel	1	Airfoil	8"w x 6"h (152 x 203)	Single Section– 36"w x 48"h Multiple sections– 144"w x 48"h or 72"w x 96"h	Transition – min. 4" dia. max. 70"	2,000 fpm	4" w.g				 	
SD60V	Galv Steel	2	Airfoil	8"w x 6"h (152 x 203)	Single Section– 48"w x 36"h	Transition – min. 4" dia. max. 34"	4,000 fpm	8" w.g				 	
SDRS25	Galv Steel	1	True Round	5" (127) diameter	24" (610) diameter	24" (610) diameter	4,000 fpm	4" w.g				 	
SDRS25SS	Stainless Steel	1	True Round	5" (127) diameter	24" (610) diameter	24" (610) diameter	4,000 fpm	4" w.g				 	

Life Safety > UL555 / UL555C Tested, Corridor Dampers




































Model	Construction	Class	Blade	Size	Ceiling (Horizontal)	Round	Max Velocity	Max Static Pressure	Submittal	CSI 3-Part Spec	Basic Install sheet	CAD Install Drawing	3D Revit® Files
DFSDR1	Galv Steel	1	20 gage (1.0) galvanized steel		Horizontal ONLY (no blanket when used as a corridor damper)	6", 8", 10" 12" dia. with a 12" depth		-				-	
FSD36C	Galv Steel	2	3V	Min. – 8" w x 6" h Max. –	Horizontal ONLY			-				 	

FSD60C	Galv Steel	1	Airfoil	24" x 24" Min. - 8" w x 6" h Max. - 24" x 24"	Horizontal ONLY			-					
FSDR25C (True Round)	Galv Steel	1	3V			Horizontal Min. 6" - 24" dia.	3,000 fpm	4" w.g				-	

Life Safety > UL555 1.5hr Dynamic, Fire Dampers

Model	Construction	Blade	Walls (Vertical)	Floors (Horizontal)	Round Transitions	Max Velocity	Max Static Pressure	Submit tal	CSI 3-Part Spec	Basic Install sheet	CAD Install Drawing	3D Revit® Files
DFD-LP	Galv Steel	Galv Steel	Min. - 6" x 6" Max. - 24" w x 14" h (610 x 356)	Min. - 6" x 6" Max. - 24" w x 14" h (610 x 356)	- See FDR25 Model.	4,000 fpm	4" w.g				-	
DFD35	Galv Steel	3V	Min. - 8" x 6" Max (Single Sect.) 36" w x 48" h (914 x 1219) Multiple Section - 120" w x 48" h or 72" w x 96" h	Min. - 8" x 6" Max (Single Sect. 36" w x 48" h (914 x 1219) Multiple Section - 120" w x 48" h or 72" w x 96" h	Styles A, B, C, R, CR, LO, CO, WC, WO, WR. Round duct Min is 6" max is 94"	2,000 fpm	4" w.g					-
DFD35GA	Galv Steel	3V Galv Steel	Min. - 8" x 6" Max (Single Sect.) 36" w x 36" h (914 x 914)	Min. - 8" x 6" Max (Single Sect.) 36" w x 36" h (914 x 914)	-	2,000 fpm	4" w.g		-		-	
DFD35SSGA	Stainless Steel	3V Stainless Steel	Min. - 8" x 6" Max (Single Sect.) 30" w x 36" h (762 x 914) Multiple Section - 36" w x 36" h	Min. - 8" x 6" Max (Single Sect.) 30" w x 36" h (762 x 914) Multiple Section - 36" w x 36" h	-	2,000 fpm	4" w.g		-		-	
DFD35OW	Galv Steel	V Groove	Min. - 8" x 6" Max (Single Sect.) 30" w x 36" h (762 x 914) Multiple Section - 36" w x 36" h	36" w x 36" h (914 x 914)	-	2,000 fpm	4" w.g					-
DFD35SS	Stainless Steel	V Groove	Min. - 8" x 6"	Min. - 8" x 6"	Styles A, B, C, R, CR, LO, CO, WC, WO,	2,000 fpm	4" w.g					-

			Max (Single Sect. 30"w x 48"h (914 x 1219) Multiple Section - 90"w x 48"h	Max (Single Sect. 30"w x 48"h (914 x 1219) Multiple Section - 90"w x 48"h)	WR. Round duct Min. is 6" max is 46"								
DFD35SSOW	Stainless Steel	V Groove	36"w x 36"h (914 x 914)	36"w x 36"h (914 x 914).	Styles A, BC, WC, WO, WR Round duct Min. is 6" max is 34"	2,000 fpm	4" w.g					-	
DFD60	Galv Steel	Airfoil	Min. - 8" x 6" Max Single Section.: 32"w x 48"h (813 x 1219) Multiple Sections vary based on velocity and pressure	Min. - 8" x 6" Max Single Section.: 30"w x 48"h (813 x 1219) Multiple Sections vary based on velocity and pressure	Styles A, B, C, R, CR, LO, CO, WC, WO, WR. Round duct Min. is 6" max is 62"	8,000 fpm	4" w.g					-	
DFD60GA	Galv Steel	Airfoil	Min. - 8" x 6" Max Single Section.: 32"w x 36"h Multiple sections: 36" x 36"		-	2,000 fpm	4" w.g		-		-		
DFD60OW	Galv Steel	Airfoil	Min. - 8" x 6" Max Single Section.: 32"w x 36"h Multiple sections: 36" x 36"	Min. - 8" x 6" Max Single Section.: 30"w x 36"h Multiple sections: 36" x 36"	Styles A, BC, WC, WO, WR Round duct Min. is 6" max is 34"	4000 fpm	8" w.g						
DIBD2 A Style	Galv Steel	Curtain Galv steel or stainless steel	Min. - 4"w x 4"h Max Single Section.: 33"w x 36"h Multiple sections: 72"w x 48"h or 48"w x 72"h or 120"w x 24"h	Min. - 6"w x 6"h Max Single Section.: 24"w x 24"h Multiple sections: 36"w x 48"h or 48"w x 36"h	-	2,000 fpm	4" w.g						
DIBD2 B, BC and WB Style	Galv Steel	Curtain Galv steel or stainless steel	Min. - 4"w x 4"h Max Single Sect.- 33"w x 32"h Multiple sections: 72"w x 45"h or 48"w x 69"h or 120"w x 21"h	Min. - 6"w x 4"h Max Single Section.: 24"w x 21"h Multiple sections: 36"w x 42"h or 48"w x 30"h	-	2,000 fpm	4" w.g						

DIBD2 C, WC, CO and WO Style	Galv Steel	Curtain Galv steel or stainless steel	Min. – 4”w x 3”h Max Single Sect. - 31”w x 31”h Multiple sections: 70”w x 44”h or 46”w x 68”h or 118”w x 20”h	Min. – 4”w x 3”h Max Single Section.: 22”w x 20”h Multiple sections: 34”w x 42”h or 46”w x 32”h	-	2,000 fpm	4” w.g				 	
DIBD2 CR and WR Style	Galv Steel	Curtain Galv steel or stainless steel	Min. – 3” dia. Max. Single Sect. – 31” dia. Multiple sections: 46” dia.	Min. – 3” dia. Max. Single Section – 20” dia. Multiple Sections: 34” dia.	-	2,000 fpm	4” w.g				 	
DIBD2 R Style	Galv Steel	Curtain Galv steel or stainless steel	Min. – 3” dia. Max. Single Section – 31” dia.	Min. – 4” dia. Max. Single Section – 21” dia.	-	2,000 fpm	4” w.g				 	
DIBD2 LR Style	Galv Steel	Curtain Galv steel or stainless steel	Min. – 3” dia. Max. Single Section – 31” dia.	Min. – 4” dia. Max. Single Section – 20” dia.	-	2,000 fpm	4” w.g				 	
DIBD2 LO Style	Galv Steel	Curtain Galv steel or stainless steel	Min. – 4”w x 3”h Max Single Section.: 31”w x 31”h	Min. – 4”w x 3”h Max Single Section.: 21”w x 21”h	-	2,000 fpm	4” w.g				 	
DIBD20, DIBD40 and DIBD60 A Style	Galv Steel	Curtain Galv DIBD20 (12” sleeve) DIBD40 (14” sleeve) DIBD60 (16” sleeve)	Min. – 4”w x 4”h Max Single Sect. - 33”w x 36”h Multiple sections: 54”w x 48”h or 48”w x 54”h or 54”w x 24”h	Min. – 6”w x 6”h Max Single Sect. - 24”w x 24”h Multiple sections: 36”w x 48”h or 48”w x 36”h	-	2,000 fpm	4” w.g				 	
DIBD20, DIBD40 and DIBD60 B Style	Galv Steel	Curtain Galv DIBD20 (12” sleeve) DIBD40 (14” sleeve) DIBD60 (16” sleeve)	Min. – 4”w x 4”h Max Single Sect. - 33”w x 32”h Multiple sections: 54”w x 45”h or 48”w x 51”h or 54”w x 21”h	Min. – 6”w x 4”h Max Single Sect. - 24”w x 21”h Multiple sections: 36”w x 42”h or 48”w x 30”h	-	2,000 fpm	4” w.g				 	











































DIBD20, DIBD40 and DIBD60 C and CO Style	Galv Steel or Stainless Steel	Curtain Galv steel or stainless steel DIBD20 (12" sleeve) DIBD40 (14" sleeve) DIBD60 (16" sleeve)	Min. – 4" w x 3" h Max Single Sect. - 31" w x 31" h	Min. – 4" w x 3" h Max Single Sect.: 22" w x 20" h	-	2,000 fpm	4" w.g					
DIBD20, DIBD40 and DIBD60 LR and CR Style	Galv Steel or Stainless Steel	Curtain Galv steel or stainless steel DIBD20 (12" sleeve) DIBD40 (14" sleeve) DIBD60 (16" sleeve)	Min. – 3" dia. Max. Single Sect. – 31" dia.	Min. – 4" dia. Max. Single Section – 20" dia.	-	2,000 fpm	4" w.g					
DIBD20, DIBD40 and DIBD60 LO Style	Galv Steel or Stainless Steel	Curtain Galv steel or stainless steel DIBD20 (12" sleeve) DIBD40 (14" sleeve) DIBD60 (16" sleeve)	Min. – 4" w x 3" h Max Single Section.: 31" w x 31" h	Min. – 4" w x 3" h Max Single Section.: 22" w x 20" h	-	2,000 fpm	4" w.g					
DIBD20, DIBD40 and DIBD60 R Style	Galv Steel or Stainless Steel	Curtain Galv steel or stainless steel DIBD20 (12" sleeve) DIBD40 (14" sleeve) DIBD60 (16" sleeve)	Min. – 3" dia. Max. Single Sect. – 31" dia.	Min. – 4" dia. Max. Single Section – 22" dia.	-	2,000 fpm	4" w.g					
DIBD20G	Galv Steel	Curtain Galv	Min. – 4" w x 4" h Max. - 33" w x 36" h	Min. – 6" w x 6" h Max. - 24" w x 24" h	-	4,000 fpm	4" w.g		-		-	
DIBD2G	Galv Steel or Stainless Steel	Curtain Galv	Min. – 4" w x 4" h Max. - 72" w x 48" h	Min. – 6" w x 6" h Max. - 36" w x	-	4,000 fpm	4" w.g		-		-	-

DIBD2GA	Galv Steel	Curtain Galv A Style ONLY!	or 48" w x 72" h or 90" w x 24" Min. – 4" w x 4" h Max. - 36" w x 36" h (914 x 914)	48h or 48" w x 36" h	-	4,000 fpm	4" w.g				-	
DIBD2OW A Style	20 gage (.91) steel channel	24 gage (.61) curtain type	Min. – 4" w x 4" h Max. - 36" w x 36" h (914 x 914)	Min. – 6" w x 6" h Max. - 36" w x 36" h (914 x 914)	Styles A, BC, WC, WO and WR. Round duct (WR) Min. is 4" max is 34	3,000 fpm	4" w.g				-	
DIBD2SS A Style	Stainless Steel	Curtain Stainless Steel	Min. – 6" w x 6" h Max Single Section.: 24" w x 24" h Multiple sections: 72" w x 48" h or 48" w x 72" h or 90" w x 24" h	Min. – 6" w x 6" h Max Single Sect. - 24" w x 24" h	-	2,000 fpm	4" w.g				 	
DIBD2SS B, BC and WB Style	Stainless Steel	Curtain Stainless Steel	Min. – 6" w x 4" h Max Single Sect.- 24" w x 21" h Multiple sections: 72" w x 45" h or 48" w x 69" h or 90" w x 21" h	Min. – 6" w x 4" h Max Single Section.: 24" w x 21" h	-	2,000 fpm	4" w.g				 	
DIBD2SS C and WC Style	Stainless Steel	Curtain Stainless Steel	Min. – 4" w x 3" h Max Single Sect. - 22" w x 20" h Multiple sections: 70" w x 44" h or 46" w x 68" h or 88" w x 20" h	Min. – 4" w x 3" h Max Single Section.: 22" w x 20" h	-	2,000 fpm	4" w.g				 	
DIBD2SS CO and WO Style	Stainless Steel	Curtain Stainless Steel	Min. – 4" w x 3" h Max Single Sect. - 22" w x 20" h Multiple sections: 70" w x 44" h or 44" w x 70" h or 90" w x 20" h	Min. – 4" w x 3" h Max Single Section.: 22" w x 20" h	-	2,000 fpm	4" w.g				 	
DIBD2SS CR and WR Style	Stainless Steel	Curtain Stainless Steel	Min. – 4" dia. Max. Single Sect. – 20" dia. Multiple sect. - 46" dia.	Min. – 4" dia. Max. Single Section – 20" dia.	-	2,000 fpm	4" w.g				 	
DIBD2SS R Style	Stainless Steel	Curtain Stainless Steel	Min. – 4" dia. Max. Single Sect. – 22" dia.	Min. – 4" dia. Max. Single Sect. – 22" dia.	-	2,000 fpm	4" w.g				 	

DIBD2SS LR Style	Stainless Steel	Curtain Stainless Steel	Min. – 4" dia. Max. Single Section – 20" dia.	Min. – 4" dia. Max. Single Section – 20" dia.	-	2,000 fpm	4" w.g					
DIBD2SS LO Style	Stainless Steel	Curtain Galv steel or stainless steel	Min. – 4" w x 3" h Max Single Section.: 22" w x 20" h	Min. – 4" w x 3" h Max Single Section.: 22" w x 20" h	-	2,000 fpm	4" w.g					
DIBD2SSG	Stainless Steel	Curtain Stainless Steel	Min. – 4" w x 4" h Max. - 72" w x 48" h or 48" w x 72" h or 90" w x 24"	Min. – 6" w x 6" h Max. - 24" w x 24" h	-	4,000 fpm	4" w.g		-		-	-
FD35SSOW	Stainless Steel	Stainless Steel	Min. - 8" x 6" Max (Single Sect.) 36" w x 36" h (762 x 914)	36" w x 36" h (914 x 914)	Styles A, BC, WC, WO and WR. Round duct (WR) Min. is 6" max is 34"	2,000 fpm	4" w.g					
FDR25	Galv Steel	Galv Steel True Round	Min. – 6" dia Max. - 24" dia	Min. – 6" dia Max. - 24" dia	24"	2,000 fpm	4" w.g				-	

Life Safety > UL555 3hr Dynamic, Fire Dampers

Model	Construction	Blade	Walls (Vertical)	Floors (Horizontal)	Round	Max Velocity	Max Static Pressure	Submittal	CSI 3-Part Spec	Basic Install sheet	CAD Install Drawing	3D Revit® Files
DFD60-3	Galv Steel	Airfoil	Min. - 8" x 6" Max Single Sect. - 30" w x 48" h (813 x 1219) Multiple Sections vary based on velocity and pressure	Min. - 8" x 6" Max Single Section.: 30" w x 48" h (813 x 1219) Multiple Sections vary based on velocity and pressure	Styles A, B, C, R, CR, LO, CO, WC, WO, WR. Round duct Min. is 6" max is 58"	4,000 fpm	8" w.g					-
DIBD23 Style A	Galv Steel	Curtain Galv Steel	Min. - 4" x 4" Max Single Sect. - 33" w x 36" h Multiple sections: 72" w x 48" h or	Min. – 6" w x 6" h Max Single Section.: 24" w x 24" h Multiple sections: 36" w x 48" h or 48" w x 36" h	-	4000 fpm 3000 fpm 2000 fpm with restrictions.	4" w.g					

DIBD23 B, BC and WB Style	Galv Steel	Curtain Galv steel or stainless steel	48"w x 72"h or 90" x 24" Min. – 4"w x 4"h Max Single Sect.- 33"w x 32"h Multiple sections: 72"w x 45"h or 48"w x 69"h or 120"w x 21"h	Min. – 6"w x 4"h Max Single Section.: 24"w x 21"h Multiple sections: 36"w x 42"h or 48"w x 30"h	-	2,000 fpm	4" w.g				 	
DIBD23 C, WC, CO and WO Style	Galv Steel	Curtain Galv steel or stainless steel	Min. – 4"w x 3"h Max Single Sect. - 31"w x 31"h Multiple sections: 70"w x 44"h or 46"w x 68"h or 88"w x 20"h	Min. – 4"w x 3"h Max Single Section.: 22"w x 20"h Multiple sections: 34"w x 42"h or 46"w x 32"h	-	2,000 fpm	4" w.g				 	
DIBD23 CR and WR Style	Galv Steel	Curtain Galv steel or stainless steel	Min. – 3" dia. Max. Single Sect. – 31" dia. Multiple sections: 46" dia.	Min. – 4" dia. Max. Single Section – 20" dia. Multiple Sections: 34" dia.	-	2,000 fpm	4" w.g				 	
DIBD23 R Style	Galv Steel	Curtain Galv steel or stainless steel	Min. – 3" dia. Max. Single Section – 31" x 31"	Min. – 4" dia. Max. Single Section – 21" x 21" dia.	-	2,000 fpm	4" w.g				 	
DIBD23 LR Style	Galv Steel	Curtain Galv steel or stainless steel	Min. – 3" dia. Max. Single Section – 31" dia.	Min. – 4" dia. Max. Single Section – 20" dia.	-	2,000 fpm	4" w.g				 	
DIBD23 LO Style	Galv Steel	Curtain Galv steel or stainless steel	Min. – 4"w x 3"h Max Single Section.: 31"w x 31"h	Min. – 4"w x 3"h Max Single Section.: 21"w x 21"h	-	2,000 fpm	4" w.g				 	
DIBD230, DIBD430 and DIBD630 A Style	Galv Steel or Stainless Steel	Curtain Galv or SS DIBD20 (12" sleeve) DIBD40 (14" sleeve) DIBD60 (16" sleeve)	Min. – 4"w x 4"h Max Single Sect. - 33"w x 36"h Multiple sections: 54"w x 48"h or 48"w x 54"h or 54"w x 24"h	Min. – 6"w x 6"h Max Single Sect. - 24"w x 24"h Multiple sections: 36"w x 48"h or 48"w x 36"h	-	4000 fpm 3000 fpm 2000 fpm with restrictions.	4" w.g				 	

DIBD230 DIBD430 and DIBD630 B Style	Galv Steel or Stainless Steel	Curtain Galv or SS DIBD20 (12" sleeve) DIBD40 (14" sleeve) DIBD60 (16" sleeve)	Min. – 4" w x 4" h Max Single Sect. - 33" w x 32" h Multiple sections: 54" w x 45" h or 48" w x 51" h or 54" w x 21" h	Min. – 6" w x 4" h Max Single Sect. - 24" w x 21" h Multiple sections: 36" w x 42" h or 48" w x 30" h	-	2,000 fpm	4" w.g				 	
DIBD230 DIBD430 and DIBD630 C and CO Style	Galv Steel or Stainless Steel	Curtain Galv Or SS DIBD20 (12" sleeve) DIBD40 (14" sleeve) DIBD60 (16" sleeve))	Min. – 4" w x 3" h Max Single Sect. - 31" w x 31" h	Min. – 4" w x 3" h Max Single Sect.: 22" w x 20" h	-	2,000 fpm	4" w.g				 	
DIBD230 DIBD430 and DIBD630 LR and CR Style	Galv Steel or Stainless Steel	Curtain Galv Or SS DIBD20 (12" sleeve) DIBD40 (14" sleeve) DIBD60 (16" sleeve)	Min. – 3" dia. Max. Single Sect. – 31" dia.	Min. – 4" dia. Max. Single Section – 20" dia.	-	2,000 fpm	4" w.g				 	
DIBD230 DIBD430 and DIBD630 LO Style	Galv Steel or Stainless Steel	Curtain Galv Or SS DIBD20 (12" sleeve) DIBD40 (14" sleeve) DIBD60 (16" sleeve)	Min. – 4" w x 3" h Max Single Section.: 31" w x 31" h	Min. – 4" w x 3" h Max Single Section.: 22" w x 20" h	-	2,000 fpm	4" w.g				 	
DIBD230 DIBD430 and DIBD630 R Style	Galv Steel or Stainless Steel	Curtain Galv Or SS DIBD20 (12" sleeve) DIBD40 (14" sleeve) DIBD60 (16" sleeve)	Min. – 3" dia. Max. Single Sect. – 31" dia.	Min. – 4" dia. Max. Single Section – 22" dia.	-	2,000 fpm	4" w.g				 	

Life Safety > UL555 1.5hr Static, Fire Dampers

Model	Construction	Blade	Walls (Vertical)	Floors (Horizontal)	Round	Max Velocity	Max Static Pressure	Submittal	CSI 3-Part Spec	Basic Install sheet	CAD Install Drawing	3D Revit® Files
FD35	Galv Steel	3V	Min. - 8" x 6" Max Single Sect. 36"w x 48"h Multiple Section - 120"w x 96"h	Min. - 8" x 6" Max Single Sect. 36"w x 48"h Multiple Section - 120"w x 96"h	Styles A, B, C, R, CR, LO, CO, WC, WO, WR. Round duct Min is 6" max is 94"	2,000 fpm	6" w.g					-
FD35G	Galv Steel	3V	Min. - 8" x 6" Max Single Sect. 36"w x 48"h						-			
FD35GA	Galv Steel	3V Galv Steel	Min. - 8" x 6" Max Single Sect. 36"w x 36"h						-		-	
FD35SSGA	Stainless Steel	3V Stainless Steel	Min. - 8" x 6" Max Single Sect. 30"w x 36"h Multiple Section- 36" x 36"						-		-	
FD35OW	Galv Steel	3V Galv Steel	Min. - 8" x 6" Max Single Sect. 32"w x 36"h Multiple Section- 36" x 36"	Min. - 8" x 6" Max Single Sect. 30"w x 36"h Multiple Section- 36" x 36"	Styles A, BC, WC, WO, WR. Round duct Min. 6". Max is 34"							
FD35SS	Stainless Steel	3V Stainless Steel	Min. - 8" x 6" Max (Single Sect.) 30"w x 48"h (914 x 1219) Multiple Section - 90"w x 48"h	Min. - 8" x 6" Max (Single Sect. 30"w x 48"h (914 x 1219) Multiple Section - 90"w x 48"h	Styles A, B, C, R, CR, LO, CO, WC, WO, WR. Round duct Min. 6". Max is 46"	2,000 fpm	6" w.g					
FD60	Galv Steel	Airfoil Galv Steel	Min. - 8" x 6" Max Single Sect. 32"w x 48"h Multiple Section - 120"w x 96"h	Min. - 8" x 6" Max Single Sect. 30"w x 48"h Multiple Section - 120"w x 96"h	Styles A, B, C, WC, WO, WR, LO, CO, R Round duct Min. 6". Max is 34"							
FD60G	Galv Steel	Airfoil Galv Steel	Min. - 8" x 6" Max Single Sect. 32"w x 48"h						-			
FD60GA	Galv Steel	Airfoil	Min. - 8" x 6" Max Single Section.: 32"w x 36"h Multiple sections: 36" x 36"		-				-		-	

FD60OW	Galv Steel	Airfoil	Min. - 8" x 6" Max Single Section.: 32" w x 36" h Multiple sections: 36" x 36"	Min. - 8" x 6" Max Single Section.: 30" w x 36" h Multiple sections: 36" x 36"	Styles A, BC, WC, WO, WR Round duct Min. is 6" max is 34"							
IBD2 A Style	Galv Steel	Curtain Galv steel or stainless steel	Min. - 4" w x 4" h Max Single Section.: 33" w x 72" h or 48" w x 30" h or 36" w x 36" h Multiple sections: 120" w x 72" h	Min. - 6" w x 6" h Max Single Section.: 30" w x 45 1/2" h or 33" w x 38" h Multiple sections: 90" w x 91" h or 114" w x 38" h	-	2,000 fpm	4" w.g					-
IBD2 B, BC and WB Style	Galv Steel	Curtain Galv steel or stainless steel	Min. - 4" w x 4" h Max Single Sect.- 33" w x 65" h or 48" w x 26" h or 36" w x 32" h Multiple sections: 120" w x 65" h	Min. - 6" w x 4" h Max Single Section.: 30" w x 40" h or 33" w x 34" h Multiple sections: 90" w x 81" h or 114" w x 34" h	-	2,000 fpm	4" w.g					-
IBD2 C, WC, CO and WO Style	Galv Steel	Curtain Galv steel or stainless steel	Min. - 4" w x 4" h Max Single Sect. - 31" w x 64" h or 46" w x 25" h or 34" w x 31" h Multiple sections: 118" w x 64" h	Min. - 4" w x 4" h Max Single Section.: 28" w x 39" h or 31" w x 33" h Multiple sections: 88" w x 81" h or 112" w x 33" h	-	2,000 fpm	4" w.g					-
IBD2 CR and WR Style	Galv Steel	Curtain Galv steel or stainless steel	Min. - 3" dia. Max. Single Sect. - 31" dia. Multiple sections: 64" dia.	Min. - 4" dia. Max. Single Section - 31" dia. Multiple Sections: 81" dia.	-	2,000 fpm	4" w.g					-
IBD2 R and LR Style	Galv Steel	Curtain Galv steel or stainless steel	Min. - 3" dia. Max. Single Section - 31" dia.	Min. - 4" dia. Max. Single Section - 31" dia.	-	2,000 fpm	4" w.g					-
IBD2 LO Style	Galv Steel	Curtain Galv steel or stainless steel	Min. - 4" w x 4" h Max Single Section.: 31" w x 64" h or 46" w x 25" h or 34" w x 31" h	Min. - 4" w x 4" h Max Single Section.: 28" w x 39" h or 31" w x 33" h	-	2,000 fpm	4" w.g					-
IBD20, IBD40 and IBD60 A Style	Galv Steel	Curtain Galv IBD20 (12" sleeve) IBD40 (14" sleeve) IBD60 (16" sleeve)	Min. - 4" w x 4" h Max Single Sect. - 33" w x 54" h or 48" w x 30" h or 36" w x 36" h Multiple sections: 54" w x 54" h	Min. - 6" w x 6" h Max Single Sect. - 30" w x 45 1/2" h or 33" w x 38" h Multiple sections: 54" w x 54" h	-	2,000 fpm	4" w.g					
IBD20, IBD40	Galv Steel	Curtain Galv IBD20 (12" sleeve)	Min. - 4" w x 4" h Max Single Sect. - 33" w x 48" h	Min. - 6" w x 4" h Max Single Sect. - 30" w x 40" h or 33" w x 34" h	-	2,000 fpm	4" w.g					

and IBD60 B Style		IBD40 (14" sleeve) IBD60 (16" sleeve)	or 48"w x 26"h or 36"w x 32"h Multiple sections: 54"w x 48"h	Multiple sections: 54"w x 46"h											
IBD20, IBD40 and IBD60 C, LO and CO Style	Galv Steel or Stainless Steel	Curtain Galv IBD20 (12" sleeve) IBD40 (14" sleeve) IBD60 (16" sleeve)	Min. – 4"w x 4"h Max Single Sect. - 31"w x 47"h or 46"w x 25"h or 34"w x 31"h	Min. – 4"w x 4"h Max Single Sect.: 28"w x 39"h or 31"w x 33"h	-	2,000 fpm	4" w.g								
IBD20, IBD40 and IBD60 R, LR and CR Style	Galv Steel or Stainless Steel	Curtain Galv IBD20 (12" sleeve) IBD40 (14" sleeve) IBD60 (16" sleeve)	Min. – 3" dia. Max. Single Sect. – 31" dia.	Min. – 4" dia. Max. Single Section – 31" dia.	-	2,000 fpm	4" w.g								
IBD20G	Galv Steel or Stainless Steel	Curtain Galv IBD20 (12" sleeve) IBD40 (14" sleeve) IBD60 (16" sleeve)	Min. – 4"w x 4"h Max. - 48"w x 30"h or 33"w x 54"h or 36"w x 36"	Min. – 6"w x 6"h Max - 30"w x 45½"h or 33"w x 38"h	-	4,000 fpm	4" w.g		-		-	-	-		
IBD2G	Galv Steel	Curtain Galv Steel	Min. – 4"w x 4"h Max. - 90"w x 48"h or 48"w x 72"h	Min. – 6"w x 6"h Max. - 90"w x 48"h or 48"w x 90"h	-	4,000 fpm	4" w.g		-		-	-	-		
IBD2GA A Style ONLY	Galv Steel	Curtain Galv Steel	Min. – 4"w x 4"h Max. - 36"w x 36"h (914 x 914)						-		-	-			
IBD2OW	Galv Steel	Curtain Galv Steel	Min. – 4"w x 4"h Max. - 36"w x 36"h (914 x 914)	Min. – 6"w x 6"h Max. - 36"w x 36"h (914 x 914)					-		-	-			
IBD2SS A Style	Stainless Steel	Curtain Stainless Steel	Min. – 4"w x 4"h Max Single Section.: 33"w x 72"h or 48"w x 30"h or 36"w x 36"h Multiple sections: 99"w x 72"h	Min. – 6"w x 6"h Max Single Section.: 30"w x 45 1/2"h or 33"w x 38"h Multiple sections: 90"w x 91"h or 114"w x 38"h	-	2,000 fpm	4" w.g								
IBD2SS B, BC and WB Style	Stainless Steel	Curtain Stainless Steel	Min. – 4"w x 4"h Max Single Sect. - 33"w x 65"h or 48"w x 26"h or 36"w x 32"h Multiple sections: 99"w x 65"h	Min. – 6"w x 4"h Max Single Section.: 30"w x 40"h or 33"w x 34"h Multiple sections: 90"w x 81"h or 114"w x 34"h	-	2,000 fpm	4" w.g								
IBD2SS C, WC, CO and WO Style	Stainless Steel	Curtain Stainless Steel	Min. – 4"w x 4"h Max Single Sect. - 31"w x 64"h or 46"w x 25"h or 34"w x 31"h	Min. – 4"w x 4"h Max Single Section.: 28"w x 39"h or 31"w x 33"h	-	2,000 fpm	4" w.g								

			Multiple sections: 97" w x 64" h	Multiple sections: 88" w x 81" h or 112" w x 33" h									
IBD2SS CR and WR Style	Stainless Steel	Curtain Stainless Steel	Min. – 3" dia. Max. Single Sect. – 31" dia. Multiple sections: 64" dia.	Min. – 4" dia. Max. Single Section – 31" dia. Multiple Sections: 81" dia.	-	2,000 fpm	4" w.g						
IBD2SS R and LR Style	Stainless Steel	Curtain Stainless Steel	Min. – 3" dia. Max. Single Section – 31" dia.	Min. – 4" dia. Max. Single Section – 31" dia.	-	2,000 fpm	4" w.g						
IBD2SS LO Style	Stainless Steel	Curtain Stainless Steel	Min. – 4" w x 4" h Max Single Section.: 31" w x 64" h or 46" w x 25" h or 34" w x 31" h	Min. – 4" w x 4" h Max Single Section.: 28" w x 39" h or 31" w x 33" h	-	2,000 fpm	4" w.g						
IBD2SS G	Stainless Steel	Curtain Stainless Steel	Min. – 4" w x 4" h Max. - 90" w x 48" h or 48" w x 72" h	Min. – 6" w x 6" h Max. - 90" w x 48" h or 48" w x 90" h		4,000 fpm	4" w.g		-		-	-	-
IBDT, T1, T2	Galv Steel	Thinline Curtain Galv Steel	Min. – 4" w x 4" h Max. - 40" w x 48" h	Min. – 6" w x 6" h Max. - 36" w x 36" h									
IBDTG	Galv Steel	Curtain Galv Steel	Min. – 4" w x 4" h Max. - 40" w x 48" h	Min. – 4" w x 4" h Max. - 60" w x 12" h					-		-	-	-

Life Safety > UL555 3hr Static, Fire Dampers

Model	Construction	Blade	Walls (Vertical)	Floors (Horizontal)	Round	Max Velocity	Max Static Pressure	Submittal	CSI 3-Part Spec	Basic Install sheet	CAD Install Drawing	3D Revit® Files	
FD60-3	Galv Steel	Airfoil Galv Steel	Min. - 8" x 6" Max Single Sect. 30" w x 48" h Multiple Section - 120" w x 96" h	Min. - 8" x 6" Max Single Sect. 30" w x 48" h Multiple Section - 120" w x 96" h	Styles A, B, C, WC, WO, WR, LO, CO, CR, R Round duct Min. 6". Max is 34"	-	-						
IBD23 Style A	Galv Steel	Curtain Galv Steel	Min. - 4" x 4" Max Single Sect. - 36" w x 32" h Multiple sections: 90" w x 68" h	Min. – 6" w x 6" h Max Single Section.: 30" w x 40" h Multiple sections: 90" w x 81" h	-	4000 fpm 3000 fpm 2000 fpm with restriction s	4" w.g						-

IBD23 B, BC and WB Style	Galv Steel	Curtain Galv Steel	Min. – 4”w x 4”h Max Single Sect.- 36”w x 32”h Multiple sections: 90”w x 68”h	Min. – 6”w x 4”h Max Single Section.: 30”w x 40”h Multiple sections: 90”w x 81”h	-	2,000 fpm	4” w.g					-
IBD23 C, WC, CO and WO Style	Galv Steel	Curtain Galv Steel	Min. – 4”w x 4”h Max Single Sect. - 34”w x 31”h Multiple sections: 88”w x 67”h	Min. – 4”w x 4”h Max Single Section.: 28”w x 39”h Multiple sections: 88”w x 81”h	-	2,000 fpm	4” w.g					-
IBD23 CR and WR Style	Galv Steel	Curtain Galv Steel	Min. – 4” dia. Max. Single Sect. – 31” dia. Multiple sections: 67” dia.	Min. – 4” dia. Max. Single Section – 28” dia. Multiple Sections: 81” dia.	-	2,000 fpm	4” w.g					-
IBD23 R Style	Galv Steel	Curtain Galv Steel	Min. – 4” dia. Max. Single Section – 34” dia	Min. – 4” dia. Max. Single Section – 38” dia	-	2,000 fpm	4” w.g					-
IBD23 LR Style	Galv Steel	Curtain Galv Steel	Min. – 3” dia. Max. Single Section – 31” dia.	Min. – 4” dia. Max. Single Section – 28” dia.	-	2,000 fpm	4” w.g					-
IBD23 LO Style	Galv Steel	Curtain Galv Steel	Min. – 4”w x 4”h Max Single Section.: 34”w x 31”h	Min. – 4”w x 4”h Max Single Section.: 28”w x 39”h	-	2,000 fpm	4” w.g					-
IBD230, IBD430 and IBD630 A Style	Galv Steel	Curtain Galv IBD20 (12” sleeve) IBD40 (14” sleeve) IBD60 (16” sleeve)	Min. – 4”w x 4”h Max Single Sect. - 36”w x 36”h Multiple sections: 54”w x 54”h	Min. – 6”w x 6”h Max Single Sect. - 30”w x 45 1/2”h Multiple sections: 54”w x 54”h	-	4000 fpm 3000 fpm 2000 fpm with restriction s.	4” w.g					
IBD230, IBD430 and IBD630 B Style	Galv Steel	Curtain Galv IBD20 (12” sleeve) IBD40 (14” sleeve) IBD60 (16” sleeve)	Min. – 4”w x 4”h Max Single Sect. - 36”w x 32”h Multiple sections: 54”w x 50”h	Min. – 6”w x 4”h Max Single Sect. - 30”w x 40”h Multiple sections: 54”w x 46”h	-	2,000 fpm	4” w.g					

IBD230, IBD430 and IBD630 C Style	Galv Steel	Curtain Galv IBD20 (12" sleeve) IBD40 (14" sleeve) IBD60 (16" sleeve)	Min. – 4"w x 4"h Max Single Sect. - 31"w x 31"h	Min. – 4"w x 4"h Max Single Sect.: 28"w x 39"h	-	2,000 fpm	4" w.g						
IBD230, IBD430 and IBD630 CR Style	Galv Steel	Curtain Galv IBD20 (12" sleeve) IBD40 (14" sleeve) IBD60 (16" sleeve)	Min. – 3" dia. Max. Single Sect. – 31" dia.	Min. – 4" dia. Max. Single Section – 31" dia.	-	2,000 fpm	4" w.g						
IBD230, IBD430 and IBD630 LO Style	Galv Steel	Curtain Galv IBD20 (12" sleeve) IBD40 (14" sleeve) IBD60 (16" sleeve)	Min. – 4"w x 3"h Max Single Section.: 31"w x 31"h	Min. – 4"w x 3"h Max Single Section.: 22"w x 20"h	-	2,000 fpm	4" w.g						
IBD230, IBD430 and IBD630 CO Style	Galv Steel	Curtain Galv IBD20 (12" sleeve) IBD40 (14" sleeve) IBD60 (16" sleeve)	Min. – 4"w x 4"h Max Single Sect. - 34"w x 31"h	Min. – 4"w x 4"h Max Single Sect.: 28"w x 39"h	-	2,000 fpm	4" w.g						
IBD230, IBD430 and IBD630 LR and R Style	Galv Steel	Curtain Galv IBD20 (12" sleeve) IBD40 (14" sleeve) IBD60 (16" sleeve)	Min. – 3" dia. Max. Single Sect. – 31" dia.	Min. – 4" dia. Max. Single Section – 28" dia.	-	2,000 fpm	4" w.g						

Life Safety > FUSIBLE LINK 165°F (74°C) > UL555 3hr UL Tested Guillotine Fire Dampers

Model	Construction	Blade	Walls (Vertical)	Round	Submittal
FDGT	Galv Steel	Guillotine	Consult Ruskin.	Consult Ruskin.	

Life Safety > USCG TYPE APPROVED A-60 Marine Fire Dampers

Model	Construction	Blade	Walls (Vertical)	Floors (Horizontal)	Submittal	Basic Install sheet
A60	Galvanized or 316 stainless steel construction	Airfoil-shaped	Min. – 4"w x 4"h Max Single Sect. – 29 ½ "w x 29 ½ "h Multiple sections: 62"w x 29 ½ "h	Min. – 4"w x 4"h Max Single Sect. – 29 ½ "w x 29 ½ "h	