



NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

Report of Materials and Equipment Acceptance Division

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 252-05-E

Manufacturer: Air Louver & Damper, Inc., 56-70 58TH Place
Maspeth , NY 11378

Trade Name(s): Ruskin

Product: Smoke Dampers, Combination Fire and Smoke
Dampers

Pertinent Code Section(s): RS-10

Prescribed Test(s): UL 555 AND UL 555S

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): File R5531, 03NK24208, 00NK35056, 02NK2611,
03NK11493, 01NK47254, 02NK19906, 02NK11379,
02NK33073, Projects 01NK14358, 03NK24208

Description: The dampers are intended for use in heating, ventilating, and air conditioning duct systems passing through fire-resistive walls, partitions or floors and for use in smoke control systems. FSD series are 1½ and 3 hours rated combination fire and smoke dampers with airfoil or triple-vee-grove blades.

Combination Fire and Smoke Dampers

Model	Hr Class	Leakage Class	Damper Mounting Position	Single Section Damper Size (Inches)				Multiple Section Damper Size (Inches)	
				W		H		W	H
				Min	Max	Min	Max		
FSD35	1 ½	III-350	H	5	36	6	48	144	96
			V	5	30	6	48	120	96
			V	5	36	6	48	-	-
FSD35SS	1 ½	III-250	V	5	30	6	48	90	48
FSD36	1 ½	II-350	H	8	36	6	48	144	96
			V	8	30	6	48	120	96
			V	8	36	6	48	-	-
FSD36-C	1 ½	II-250	H, V	12	24	6	24	-	-
FSD36SS	1 ½	II-250	H, V	12	30	6	48	-	-
FSD37	1 ½	I-350	H	8	32	6	48	-	-
			H	8	30	6	48	144	96
			V	8	30	6	48	120	96
			V	8	32	6	48	96	48
FDS37SS	1 ½	II-250	H, V	8	24	6	32	-	-
		I-250	H, V	12	24	6	32	-	-
FSD60	1 ½	I-350	H	8	32	6	48	-	-
			H	8	30	6	48	144	96
			V	8	30	6	48	120	96
			V	8	32	6	48	96	48
FSD60-2	1 ½	II-350	H	8	32	6	48	-	-
			H	8	30	6	48	144	96
			V	8	30	6	48	120	96
			V	8	32	6	48	96	48
FSD60-3	3	I-350	V	12	30	6	48	120	96
FSD60-C	1 ½	I-350	H, V	12	24	6	24	-	-
FSD60V	1 ½	III-350	V	7	49	8	32	-	-
		II-350	V	7	49	12	32	-	-
				Round Damper Diameter (Inches)					
				Min		Max		W	H
FSD-EX	1 ½	I-250	V	5		8		-	-
FSDR25	1 ½	I-350	H, V	6		24		-	-

Corridor Dampers

Model	Hr Class	Leakage Class	Damper Mounting Position	Single Section Damper Size (Inches)			
				Width		Height	
				Min	Max	Min	Max
FSD36-C	1	II-250	H	12	24	6	24
FSD60-C	1	I-350	H	12	24	6	24
				Round Damper Diameter (Inches)		Multiple Section Damper Size (Inches)	
				Width		Height	
				Min	Max	Min	Max
FSDR25C	1	I-350	H	6	12	-	-
DFSDR1	1	I-350	H	6	12	-	-

Terms and Conditions: The above combination fire and smoke dampers are accepted in accordance with their Underwriter Laboratories, Inc. rating as shown above on condition that:

1. All uses, locations and installations shall comply with the New York City Building Code and the manufacturer's installation instructions.
2. Non fire-rated ducts attached to fire dampers shall be installed with a breakaway provision so that in case of fire the duct shall break free from the fire damper leaving the actuated fire damper intact in the fire-rated wall assembly.
3. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance August 7, 2006

Examined by Simon Deshpande