

## FSD MINIMUM SIZE FOR ACTUATOR IN THE AIRSTREAM

Chart indicates standard damper models only such as:

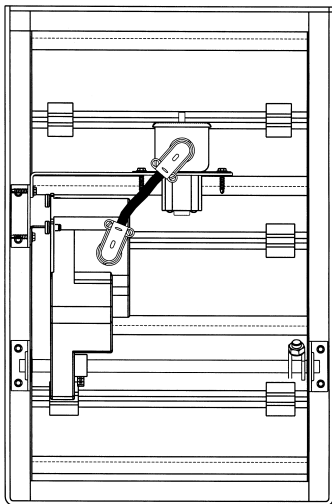
**FSD35, 36, 37, 60, 60-2, 60-3 & 60V**

Consult Ruskin for size limitations on damper models GA (grille access), FA (front access), Out of Wall and/or with DSD (Duct Smoke Detector)

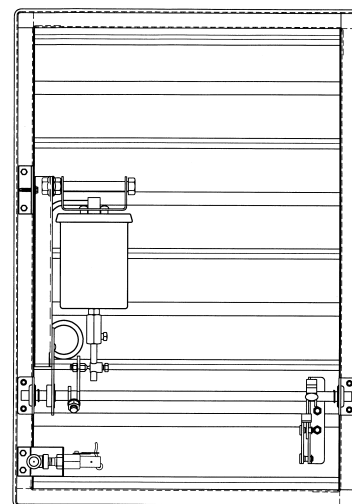
	Actuator	EFL or PFL	TS-150 or EFL/SP100	EFL w/SPH2	MIN. Damper Size	
					A	B
PNEUMATIC	331-4827	X			8"	16"
	331-4827		X		16"	16"
	331-2961	X			10"	16"
	331-2961		X		18"	16"
	331-3060	X			10"	20"
	331-3060		X		19"	20"
ELECTRIC	FSNF & FSAF	X			12"	12"
	FSNF & FSAF		X		16"	9"
	H2000	X			10"	9"
	H2000	X			12"	8"
	H2000		X		16"	10"
	H2000			X	14"	12"
	GGD221	X			10"	12"
	GGD221		X		14"	15"
	MS4120	X			10"	12"
	MS4120		X		14"	12"
	FSLF	X			12"	8"
	FSLF		X		16"	9"

Sleeve length may vary depending on damper options.

**Definitions:** EFL – Electronic Fuse Link    TS150 – Firestat/Blade Position Switch    SPH2 – Honeywell Blade Position Switch  
PFL – Pneumatic Fust Link    EFL/SP100 – Electronic Fuse Link/Blade Position Switch



FSD shown with electric actuator in airstream



FSD shown with pneumatic actuator in airstream

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