



Retrofit Fire Door Operators  
SELECTION GUIDE

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**CONSULT FACTORY** for suitability of retrofit fire door operators on fire doors with a closing system incorporating a 2<sup>nd</sup> “auxiliary” spring assembly on the drive side of the door – the following maximum areas are NOT applicable to fire doors with that type of a closing system.

**“Easy-Reset” or “Auto-Reset” Retrofit Fire Door Chain Operator**

For use on most fire doors with 22 or 20 gauge slats to 24 ft. wide, 16 ft. high, 300 sq. ft., or fire doors with 18 gauge slats to 22 ft. wide, 16 ft. high, 225 sq. ft. (*NOTE: many fire doors over 20 ft. wide have 18 gauge slats.*)

**“Easy-Reset” or “Auto-Reset” Retrofit Fire Door Crank Operator**

For use on most fire doors with 22 and 20 gauge slats to 20 ft. wide and 10 ft. high

<b>“Easy-Reset” Retrofit Fire Door Motor Operator - Model FGH</b>						
<b>STANDARD CYCLE USAGE</b> (up to 50,000 cycles - 30 cycles per hour max.)				<b>HIGH CYCLE USAGE</b> (up to 100,000 cycles - 30 cycles per hour max.)		
<b>HP</b>	<b>MAXIMUM AREA - SQ. FT.</b>			<b>MAXIMUM AREA - SQ. FT.</b>		
	<b>Fire Doors</b>			<b>Fire Doors</b>		
	22 ga	20 ga	18 ga	22 ga	20 ga	18 ga
1/2	224	187	140	157	131	98
1	373	311	233	261	218	163
1 1/2	581	484	363	407	339	254
2		646	484	542	452	339
<b>Consult Factory</b> for availability of larger units						

**NOTE:** FGRL “Easy-Reset” Retrofit Fire Door Motor Operator is suitable for use on sizes of counter fire doors

<b>“Auto-Reset” Retrofit Fire Door Motor Operator - Model FS</b>						
<b>STANDARD CYCLE USAGE</b> (up to 20,000 cycles - 15 cycles per hour max.)				<b>OCCASIONAL USAGE</b> (up to 10,000 cycles - 15 cycles per hour max.)		
<b>HP</b>	<b>MAXIMUM AREA - SQ. FT.</b>			<b>MAXIMUM AREA - SQ. FT.</b>		
	<b>Fire Doors</b>			<b>Fire Doors</b>		
	22 ga	20 ga	18 ga	22 ga	20 ga	18 ga
1/3	112	93	70	149	124	93
1/2	224	187	140	299	249	187
3/4	336	280	210	448	373	280
1 1/2	726	605	454		807	605
<b>Consult Factory</b> for availability of larger units						

**CONSULT FACTORY** for retrofit fire door operators on larger size fire doors and insulated fire doors.

*NOTE:* Retrofit fire door operators may not be the proper solution to all causes of improperly operating fire doors. Lawrence Doors reserves the right to refuse to sell a retrofit operator in any case where it is deemed to be not appropriate for the intended application.