

NOTE: Most fire doors close automatically when partial tension is released from the main spring on the tension side of the door. Some older fire doors – notably Pacific Rolling Door and Kinnear “Akbar” fire doors – close automatically when all tension is released from another auxiliary spring on the drive side of the door. **For fire doors that release auxiliary spring tension on the drive side of the door, the following maximum areas must be reduced by 10%.**

Model FHC “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. and fire doors with 18 gauge slats to 22 ft. wide, 16 ft. high, 225 sq. ft.
- For use on most insulated fire doors with 22 or 20 gauge slats and 24 gauge backslats to 20 ft. wide, 16 ft. high, 200 sq. ft.

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

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

Model FHKM “Easy-Reset” or “Auto-Reset” Retrofit Counter Fire Door Crank Operator

- For use on most counter fire doors with 22 gauge slats up to 12 ft. wide and 8 ft. high

Model FGH – “Easy-Reset” Retrofit Fire Door Motor Operator

STANDARD CYCLE USAGE (up to 20,000 cycles - 30 cycles per hour max.)									
HP	MAXIMUM AREA - SQ. FT.								
	Fire Doors			Insulated Fire Doors					
	22 ga	20 ga	18 ga	22 ga	20 ga	18 ga	22 ga	20 ga	18 ga
				24 ga Back			22 ga Back		
1/2	224	187	140	112	102	86	107	93	80
1	373	311	233	187	170	144	178	155	133
1 1/2	581	484	363	291	264	224	277	242	208
2		646	484	387	352	298	369	323	277

For FGH operators in HIGH CYCLE USAGE applications, use 70% of the maximum areas listed above

Models FS – “Auto-Reset” Retrofit Fire Door Motor Operator

STANDARD CYCLE USAGE (up to 20,000 cycles - 30 cycles per hour max.)									
HP	MAXIMUM AREA - SQ. FT.								
	Fire Doors			Insulated Fire Doors					
	22 ga	20 ga	18 ga	22 ga	20 ga	18 ga	22 ga	20 ga	18 ga
				24 ga Back			22 ga Back		
1/3	149	124	93	75	68	57	71	62	53
1/2	299	249	187	149	136	115	142	124	107
3/4	448	373	280	224	204	172	213	187	160
1 1/2		807	605	484	440	373	461	404	346

CONSULT FACTORY for retrofit operators on larger size fire doors, heavier gauge slats, or 50Hz voltage.