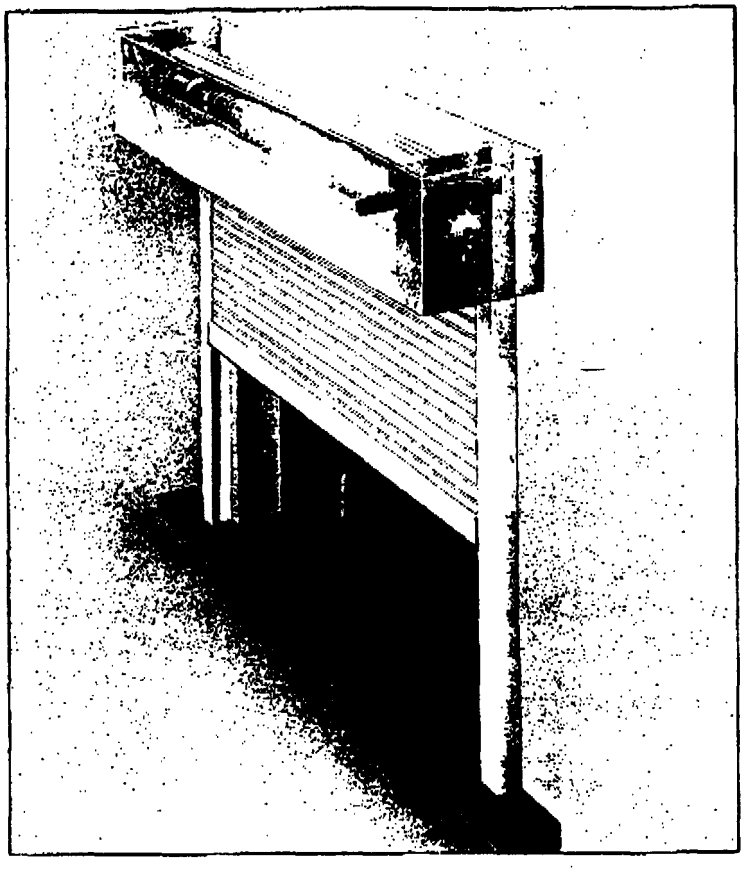
NYC 9/11 Public Portal Document



[redacted]

Note: The term "Labeled" applies only to those sizes of doors that have been successfully tested on surfaces in accordance with ASTM Standard E152 by an approved testing agency. Any door installed on surfaces other than that on which it is approved will not be labeled. The Cookson Company requires that fire doors be installed by an authorized Cookson Distributor on approved mounting surfaces in accordance with NFPA Bulletin 80.

The Cookson FDIO Series Door can be built to the specific size of any opening within the limits shown on Chart No. 11A & 11B.

Maximum opening per door is 96 sq.ft. with the width not exceeding 14'-0" and the height not exceeding 9'-0".

Cookson FD10 Series Fire Doors can bear a 3 hour, 1½ hour or ¾ hour rating.

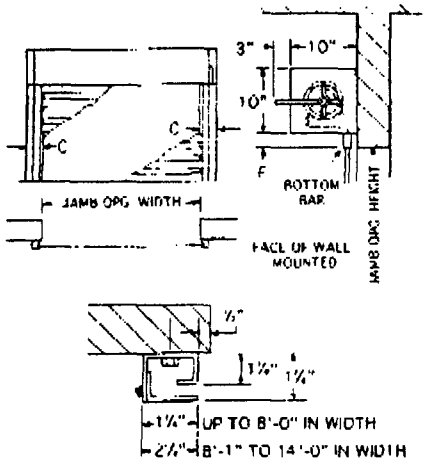
Firestop Counter Tops

Cookson introduced FireStop fire-rated counter tops to complete the fire protection package and eliminate the "envelope" for fire to gain entry to the other side of the wall. FireStop Counter Tops, tested and labeled for 1½ hour ratings on interior openings, are the only laminated, fire-rated counter tops available. For maximum fire protection, FireStop counters are recommended for use with all Cookson FD10 counter fire doors, and are specifically required by authorities in many municipalities.

Safe, Attractive, Easy To Operate

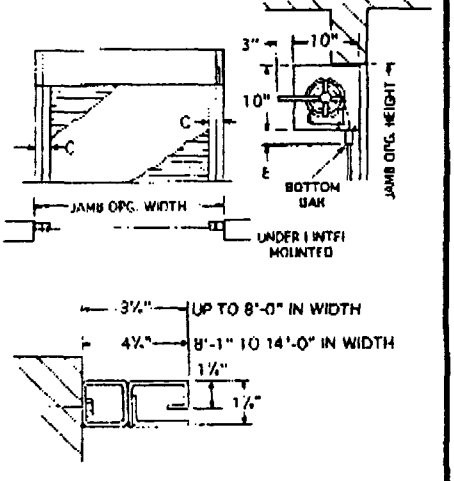
Cookson's FD 10 Series Counter Fire Doors meet today's architectural demands for beauty, reliable performance, and fire safety. Available in 3 hour, 1½ hour and ¾ hour ratings, these counter doors have been designed with the same commitment to safety that distinguishes our service fire doors.

Type FD10-1 - PUSH-UP



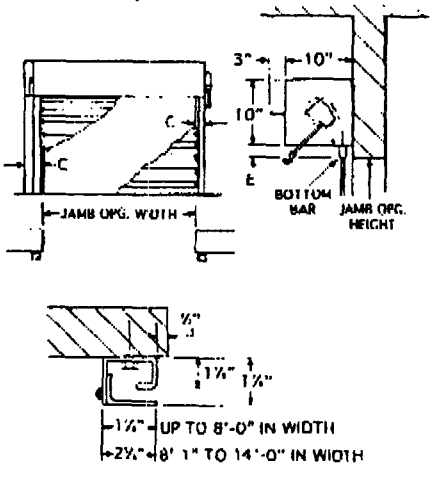
Note:
Mechanism shown on right hand side may be opposite hand. It is recommended that doors over 8 ft. wide be Type FD10-3 (crank operated).

Type FD10-2 - PUSH-UP



Note:
Mechanism shown on right hand side may be opposite hand. It is recommended that doors over 8 ft. wide be Type FD10-4 (crank operated).

Type FD10-3 - CRANK



Note:
Crank shown on right hand side and mechanism on left hand side. These may be reversed.

NYC-WTC_000172296

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UNDERWRITERS' LABEL FIRE DOORS

FIRE DOOR CLASSIFICATIONS

Class A Division of fire wall. Rating: 3 hours.

Class B Enclosures to vertical communications through buildings, vertical shafts, etc. Rating: 1-1/2 hours.

Class C Openings in corridors and room partitions. Rating: 3/4 hour.

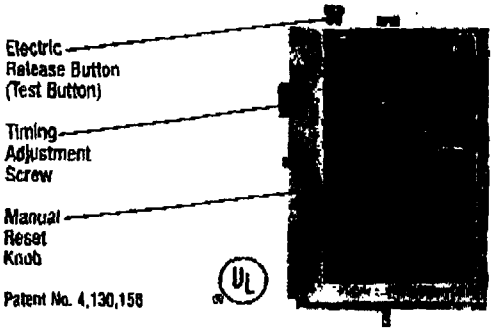
Class D Exterior walls—sever fire exposure. Rating: 1/2 hour.

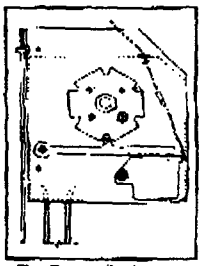
Class E Exterior walls—moderate fire exposure.

Class F Exterior walls—light exposure.

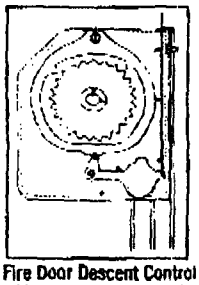
TIME-DELAY RELEASE DEVICE PREVENT FLASH CLOSING

Used with a Smoke Detector or Fire Alarm system, the unique time-delay release prevents false closing due to momentary blackouts or fire alarm tests. You can pre-set adjustments to delay release for up to 45 seconds. U.L. approved 120 VAC, 24 VAC, 24 VDC, 12 VDC.





Fire Door Adjuster and Release Mechanism



Fire Door Descent Control Mechanism (Governor)

ROLLING METAL FIRE DOORS

Steelcraft rolling metal fire doors are constructed in strict accordance with Underwriters Laboratories specifications and are approved by the New York City Board of Standards and Appeals.

Standard Specifications for Rolling Fire Doors.

FURNISH: Every Rolling steel fire door is manufactured by Steelcraft Folding Gate Corp., bears Underwriters Laboratories Class labels as well as New York City Board of Standards and Appeals labels.

OPERATION: Choose from Manual, Hand Chain Hoist or Electric Motor Operator.

CURTAIN: Is constructed of interlocking galvanized steel slats design #2 in 20 U.S. gauge (specially treated for paint adhesion). They're fitted with steel or malleable iron endlocks rivered to each slat. This prevents curtain shifting and excessive wear on surfaces between the guides.

BOTTOM BAR: Tough curtain rigidity is added to the bottom bar with two steel angles (with neoprene rubber astragal) (reversing safety edge for motor operated doors.)

COUNTER BALANCE ASSEMBLY: Is a custom engineered permanently lubricated torsion spring assembly enclosed in a structural steel pipe of sufficient diameter and wall thickness so deflection will not exceed .03" per foot of door width. The self closing mechanism is activated by fusible links or solenoid release.

BRACKETS: Minimum 5/16" thick -- to contain the counterbalance assembly and rolled curtain.

GEAR ASSEMBLY FOR HAND CHAIN HOIST DOORS: Ease of operation is assured with high quality gray iron cast gears from machine cut patterns.

GUIDES AND MOUNTING ANGLES: Are designed to meet the door's specific engineering requirements and are a minimum 3/16" thick.

HOOD: Is formed of hot dipped galvanized sheet metal (treated for paint adhesion) not lighter than 24 gauge and formed to fit end brackets.

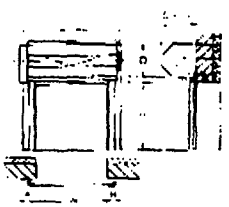
LOCKING: Choose slide bolts on bottom bar, chain lock, or self locking on motor operated doors.

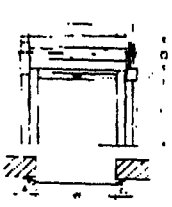
FINISH: All non-galvanized surfaces (except fraying surfaces) are coated with our rust inhibiting metal primer.

HEIGHT	WIDTH						
H	D	W	A	B	C	E	F
to 12'-0"	16"	12'0"	6-1/4"	6-1/4"	9-1/4"	9-1/4"	9-1/4"

Fire doors larger than 120 sq. ft. require oversize certificates. (Consult our staff).

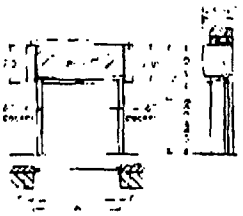
MANUAL OPERATION FACE MOUNTED MODEL UFHxx*

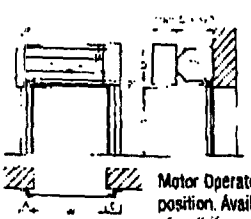




CHAIN OPERATION FACE MOUNTED MODEL UFCxx*

MOTOR OPERATION BETWEEN JAMBS MODEL UBHxx*





MOTOR OPERATION FACE MOUNTED MODEL UFMxx*

Motor Operator illustrated in face of C position. Available at top of Coil & face of wall if room permits. Consult office

*See page 2 for complete model designation codes.

STEELCRAFT FOLDING GATE CORP. PHONE: (718) 384-6484 FAX: (718) 384-4343

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