



**ASTA Door Corporation**



## **FD300 & FD400 Series SafeGuard Fire Door**

ASTA SafeGuard FD300 & FD400 Series rolling steel SafeGuard fire door is manufactured for U.L. fire rating approval and is a cost effective way of protecting property in case of a fire, while increasing building safety for occupants. The FD300 & FD400 Series is easy to operate, has a simple flip handle drop test and is designed to automatically close in the event of a fire. The FD300 & FD400 Series offers different fire door options, each with specific features and benefits designed for various types of installation. The FD300 & FD400 Series is the perfect choice for schools, malls, retail areas, hospitals, industrial buildings and many additional areas where safety is a concern.

*Please contact your ASTA customer service representative for further details or for a price quotation.*

**4255 McEver Industrial Drive • Acworth, Georgia 30101**  
**Phone: 770-974-2600 • Fax: 770-974-1455 • Toll Free: 800-423-0659**  
**website: [www.astadoor.com](http://www.astadoor.com) • e-mail: [info@astadoor.com](mailto:info@astadoor.com)**

# ASTA SafeGuard FD300 & FD400 Series Fire Doors

## Specifications:

### Standard Features:

**Slats:** 22 Gauge galvanized steel. Galvanized according to ASTM A-653, G-90 and finished with baked epoxy primer and polyester topcoat. Available in flat or curved slats.

**Endlocks:** Each end of alternate slats to be fitted with malleable cast iron endlocks.

**Bottom Bar:** Curtain to be reinforced and fabricated with steel angle.

**Guide Assembly:** Wall and guide angles and guides angles to be 3/16" minimum thickness structural steel with removable headstops.

**Barrel Assembly:** Barrel to be a steel pipe of diameter and wall thickness to restrict maximum deflection to .03" per foot of door width. Provided with threaded rings or lugs welded to barrel for curtain attachment.

**Springs:** Oil tempered grease packed helical torsion springs designed for 20,000 cycles. Springs are mounted on a steel torsion shaft with cast spring plugs and precision bearings.

**Head Plates:** Brackets are fabricated from 1/4" minimum thickness steel plates. Drive end bracket plate provided with precision sealed ball bearing assembly.

**Operation:** Gear reduced chain hoist operation is standard. Chain keeper for locking.

**Hood:** Half hex shape formed of 24 gauge galvanized steel with baked epoxy primer and polyester topcoat.

**Automatic Closure:** 165 degree Fusible links provided as standard. Closing speed regulated by centrifugal or viscous governor. Drop speed to be between 6" and 24" per second per NFPA-80.

**Drop Testing:** Floor level release and reset handle. No tools or ladders require to drop test or reset our simple flip handle test fire door. Manual push door drop tested by partial tension release and requires reset by a qualified door technician.

### Options:

**Gauges:** 22 gauge is standard. 20 gauge and 18 gauge curtains are available.

**Finishes:** Powder coat paint is available.

**Operation:** Motor operators are available. Manual push up is available on certain sizes but does not include the simple flip handle test design.

**Slide Bolt Locks:** Slide bolt locks are available.

**Weatherseal:** Guide seal, bottom bar seal and hood baffle are available.

**Windload:** Fire doors designed to withstand 20 psf windload.

**Fire Ratings:** 3/4 hr, 1-1/2 hr, 3 hr & 4 hr fire ratings.

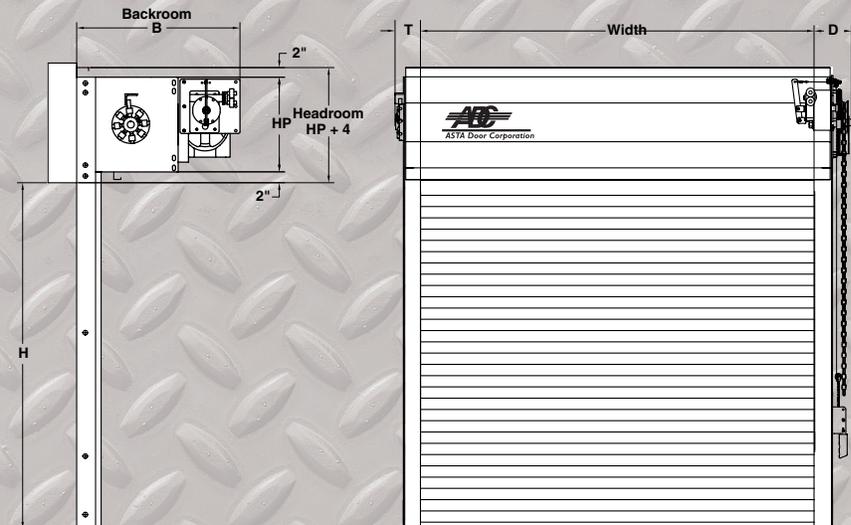
**Push Up:** Models FD311, FD310, FD410, FD411.

**Chain Hoist Operation:** Models FD301, FD300, FD401 & FD400.

**Auto-Set Motor Operation:** Models FD331, FD330, FD431 & FD430.

**GH Motor Operation:** Models FD341, FD340, FD441, FD440 (Maximum Size of 13' x 12')

## HEADER CLEARANCES AND DIMENSIONS

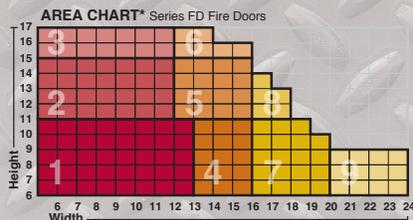
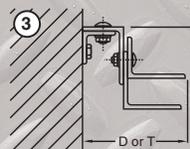
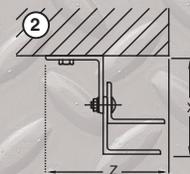
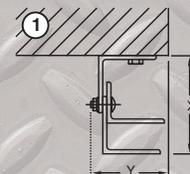


For manual push-up operation or motor operation consult factory for dimensions.

### DETAILS

#### CLEARANCES & DIMENSIONS

1. Steel
2. Wood or Masonry
3. Wood, Masonry or steel



3 and 4 HOUR FIRE DOORS

zone	H	B	T	D	X	Y	Z
1	15'	28"	6-1/2"	7-1/2"	3-7/8"	4-3/8"	6-1/2"
2	17'	30"	6-1/2"	7-1/2"	3-7/8"	4-3/8"	6-1/2"
3	19'	32"	6-1/2"	7-1/2"	5"	4-3/8"	6-1/2"
4	15'	28"	7"	8"	4-1/4"	4-3/4"	7"
5	17'	30"	7"	8"	4-1/4"	4-3/4"	7"
6	19'	32"	7"	8"	5"	4-3/4"	7"
7	15'	28"	7-1/2"	8-1/2"	5"	5-1/4"	7-1/2"
8	17'	30"	7-1/2"	8-1/2"	5"	5-1/4"	7-1/2"
9	19'	32"	7-1/2"	8-1/2"	5"	5-1/4"	7-1/2"

Consult factory if headroom is critical or for sizes not listed.

NOTE: Grifco Governor requires 12" of backroom.

\*When using Area Charts, If size falls on a zone division line, go up to the next zone.