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**A Mandoor designed  
with personnel safety  
in mind.**

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# CONCAVE MANDOOR

## APPLICATIONS

- personal access
- interior or exterior openings
- harsh, abusive environments
- emergency exits
- ventilation control
- high windloads and pressure differentials

## OPTIONS

- lexan window
- cane bolt
- 12" Channel frame
- key lock and panic bar
- fire rating

## FEATURES

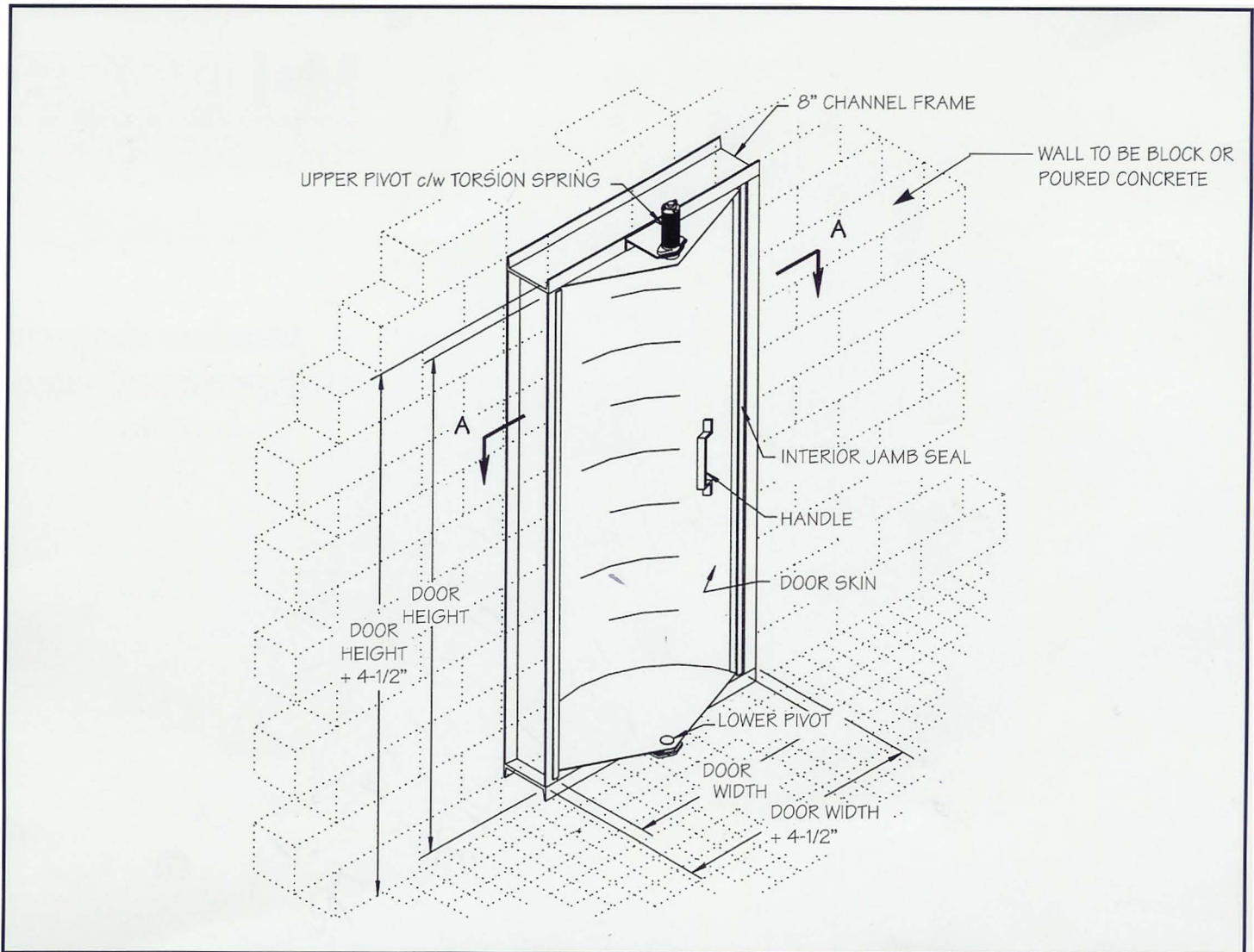
- provides personnel safety
- low maintenance, heavy-duty construction
- opens under pressure differentials of up to 20" W/G
- requires minimal space
- automatic closing

## SIZES

- 38" x 83"  
(965mm x 2110mm) standard
- custom sizes to fit

## FIRE RATING

- A 1 1/2 hr. fire containment rating is available and comes equipped with an emergency egress door handle (panic bar).



**CONCAVE MANDOOR SPECIFICATIONS (abbreviated)**

Standard Concave Mandoor shall contain door panels constructed of 1/8" mild roll-formed steel sheet. Upper and lower panel supports, constructed of 1/4" mild steel plate, shall be secured to the door panel by a continuous weld. The upper and lower door supports shall be constructed of 3/8" mild steel plate c/w 1" C1045 steel shafts and heavy-duty self-aligning flange bearings. The torsion spring closing assembly shall be constructed of 2 5/8" ID x .235" thick x 6" long oil-tempered wire. Aluminum alloy spring fittings provide for adjustment of the spring to ensure proper door closure at all times. The door frame shall be constructed from 8" structural channel welded angles to control maximum door travel. The door can be ordered right or left-handed and is painted with rust-inhibiting, industrial grade paint in red.

