



AN ISO 9001: 2015 CERTIFIED COMPANY

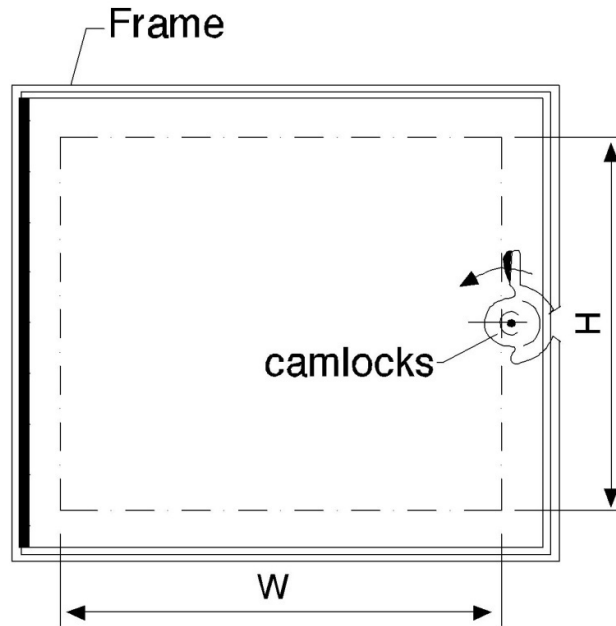


DUCT ACCESS DOOR

(SARA-AD)

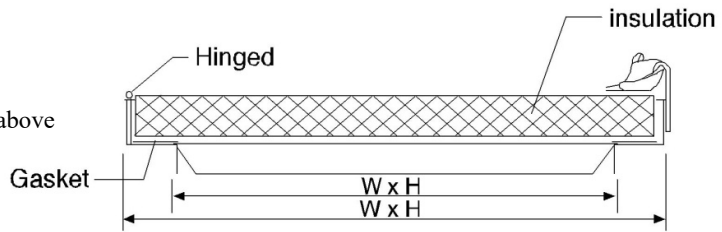


DIMENSION



DESCRIPTION

- 22 gauge galvanized steel frame
- 24 gauge galvanized steel double wall door
- 1" (25mm) thick fiber glass insulation
- Self-oiling hinges
- 20mm airoflex gasket
- Access door up to 350mm have one lock, above this size have two locks
- Cam lock is a standard
- Other locks are available upon request
- Minimum size is 6" W x 6" H (153x153)mm
- Minimum size is 24" W x24" H (6093x609)mm



Ordering
Product code: DAD aaa bbb

Type _____

W mm _____

H mm _____



PRESSURE RELIEF ACCESS DOOR



APPLICATION

The PRD18 (positive) and the NRD18 (negative) pressure relief doors are designed to open automatically to prevent exploding or imploding ductwork in the event dampers close while the fan is still operating. The doors open outward (positive) or inward (negative) at a specified pressure setting relieving or supplying pressure within the duct to equalize the pressure.

The accurate pressure relief setting is factory set and tested in an AMCA approved lab prior to shipping.

STANDARD CONSTRUCTION

FRAME

12 gage (2.8) galvanized steel, Z-shape.

DOOR

12 gage (2.8) galvanized steel.

FLANGE

1" (25) around full perimeter.

SEAL

Polyurethane foam around door perimeter.

PRESSURE RELIEF SETTINGS

The PRD18 is available for relief pressures from 2" (.50 kPa) to 10" (2.49 kPa) w.g. while the NRD18 is available for relief pressures from -4" (-1kPa) to +10" (+2.49 kPa) w.g. Specify pressure desired for door operation. Set pressure must be at least 1" w.g. above normal system pressure.

(Consult factory for availability of other settings.)

SPRINGS

Negator type springs are used for door closure upon pressure relief and system shutdown. Pressure relief at low pressures may require manual door closure.

INSTALLATION

Cut openings $\frac{1}{8}$ " (16) larger than door size. Fasten door to duct with flange using fasteners appropriate for each application.

DOOR SIZE (w x h)

PRD18 • 18" x 18" (457 x 457)

24 x 10 (610 x 254)

24 x 12 (610 x 305).

NRD18 • 18" x 18" (457 x 457) only.

TEMPERATURE LIMITS

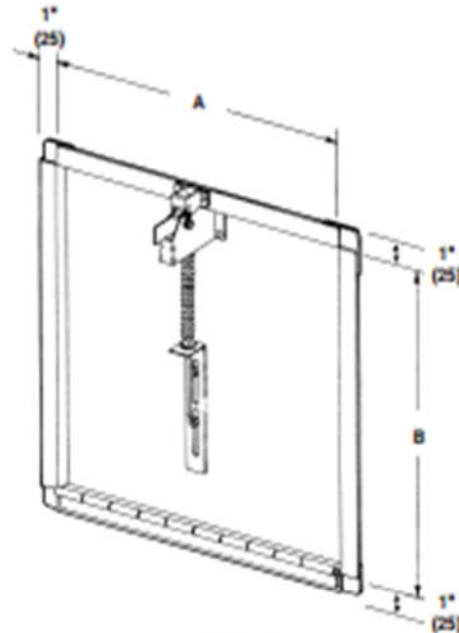
-40°F (+40°C) minimum and 120°F (49°C) maximum.

VARIATIONS

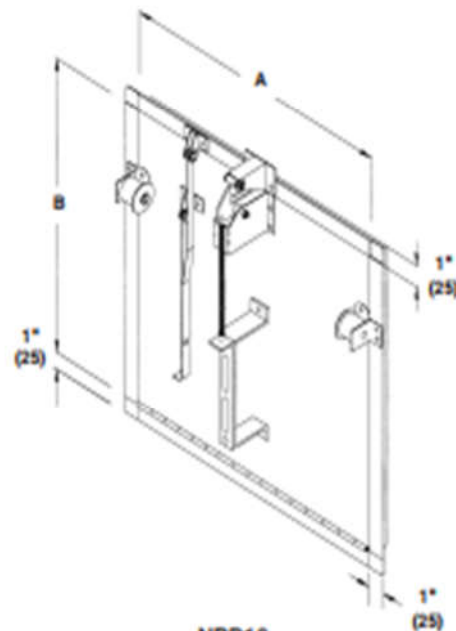
- Stainless steel construction.
- Heavier construction for high pressure

NOTES:

- (1) Door must be installed vertically and level for proper operation.
- (2) Pressure Relief Setting is not field adjustable.
- (3) Dimensions in parenthesis () indicate millimeters.



PRD18



NRD18

(18" x 18" [457 x 457] only)

ACCESS DOOR