



**60 YEARS
OF PREMIER
HANGAR DOORS**





Para-Port® Bottom Roll Fabric Doors offer significant cost, maintenance and safety advantages over conventional sliding, bi-fold and overhead doors.

Our doors are used in aircraft hangars, factories, sports facilities, steel mills, cement curing plants and many other types of buildings.

They can be readily installed in new installations or as replacement doors.

All Para-Port® Fabric Bottom Roll Doors include a five year prorated warranty on curtain material, and a one year warranty on components.

FEATURES

The door material is translucent and floods the inside with natural light which permits personnel to engage in normal work activities during daylight hours without artificial light, thus reducing lighting costs. With the tightest seal of any hangar door system, the industry lowest air exchange reduces fuel bills.

The Bottom Roll Up design can be partly opened to allow personnel and equipment access without losing heat trapped in the upper part of the building.

Single panel construction eliminates mullions, cracks between panels and tracks in the floor which again reduces air exchange and energy cost.

Our doors are practically maintenance free and operable in all climates. In cold climates snow and ice won't stick to them; they can't freeze to the ground or be pinched by a snow loaded roof. Preferred in hot climates due to translucence and lowest air exchange.

The door and drive unit are self-storing above the header and requires no storage pockets at the door jambs.

The fabric door material is fire safe and self extinguishing in seconds.

Our door material has a long and proven service life with installations worldwide from Alaska to Florida, Afghanistan to Australia.



OPERATION

The operating principle is quite simple. The top of the curtain is fixed to the top of the door header. The bottom of the curtain is attached to, and wrapped around, a rigid steel tube that rests on the door threshold seal on the floor.

Attached to the steel tube is a compact electric motor and gear reducer which creates a direct torque on the steel tube. This power actuated tube then rolls the curtain up from the bottom to it's fully open position.



As the door is raised, it carries the motor and drive mechanism with it, leaving the doorway completely open and clear. The door is raised and lowered by the means of a push button control. To lower the door, the push button simply reverses the motor direction, thus unrolling the curtain as the door is lowered.



This action is smooth and quiet. The vertical guides at the sides of the door opening guides the tube as it travels up and down. When closed, the door is in contact with a special floor seal and the curtain compresses against the jamb side seals to make a weather tight installation. The door can be stopped at any point in it's travel for ventilation or access.

When the door is in the down position, the motor and reducer are at ground level for easy inspection and service.

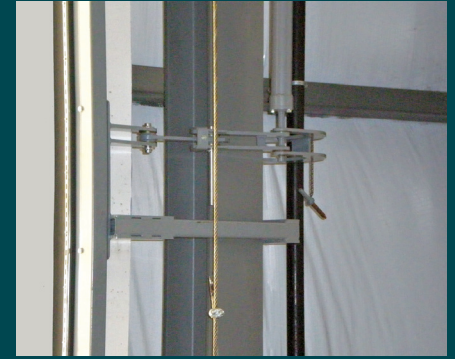
Unlike any other overhead, bi-fold, swing door systems, the Para-Port® door is designed to be fully operable in wind speeds up to 35 miles an hour without risk of compromising door structural integrity.

With only simple lubrication required annually, maintenance can be done in-house at ground level.

Bottom Roll Up Design can be stopped at any point in it's travel for ventilation or access.



Standard Features



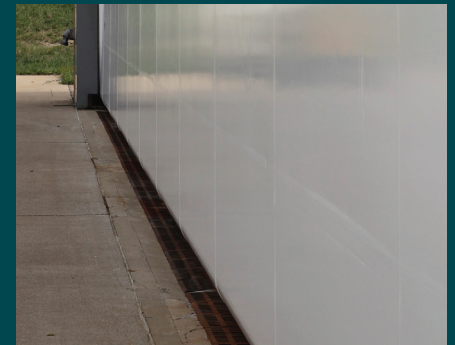
Inside Door Seals

These door seals compress the curtain material against the jambs from the inside creating a continuous seal completely around the door. The door is considered by aviation industry as the tightest seal in the industry.



Debris Apron

A Debris Apron is welded to the door curtain material and when in the closed position, covers the tube to keep debris from collecting between the tube and curtain.



Wind Load Rated Doors

Engineered for ASCE Wind Loads up to 140 MPH.

EXCLUSIVE FEATURES

One piece, continuous curtain eliminates mullions and cracks common with other door makes

Hand crank for operating door during power failure

Inside Door Seals compress curtain against door from inside

Tube

Rubber Side Seals continuous compression seal at edge of curtain, top to bottom for doors 15' or less in height

As viewed from inside the building

Roll up action of tube makes curtain self-cleaning of outside build up of ice and snow

Drive Unit

Removable Hold Downs for securing tube

Rubber sill prevents rain and surface water from entering building

Counterweight for drive unit assures equal load distribution of tube and curtain material



Translucent fabric permits natural light entry into hangar. Personnel can work inside in natural light, reducing light bills.



Door may be stopped at any point, to allow ventilation or to block the afternoon sun.



Fire safe fabric is flame retardant, self extinguishes in seconds.

Amazingly strong, yet flexible, the curtain will absorb accidental blows without damage to the door, equipment or aircraft.

For more information about Para-Port® Bottom Roll Fabric Doors call us today or visit www.Para-Port.com



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