



**ELECTRIC  
POWER DOOR**



# VERTICAL LIFT DOORS

**DESIGNED TO LAST A LIFETIME**



# ADVANTAGES OF EPD VERTICAL LIFT DOORS

## Durable

Industrial, durable construction utilizing ASTM A36 structural steel framing, minimum 14 gauge flat hot rolled steel sheeting, and all exposed seams of the door panel sheeting are caulked with adhesive caulk after fabrication and prior to prime painting.

Vertical Lift steel doors are designed to work with large openings in abrasive operating conditions as well as extreme weather conditions, especially high wind loads.

It's well known that rubber and fabric materials deteriorate over time when exposed to ultraviolet rays of the sun, and extreme heat and cold temperatures. Additionally these materials don't possess the strength to withstand large wind loads, impact, or shearing.

Made of structural steel, EPD rigid door panels are designed not to bow, or deflect, or bind, and the guide systems always glide smoothly resulting in less operator wear.

## Reliable

A common trouble spot for other large door types is a spring mechanism that operates a door, which is common on roll up doors. Springs suffer from spring fatigue and resulting failure. While the fatigue life of springs in other overhead door systems is often only 10,000 cycles, a vertical lift counter balanced operating system will have a 20 times longer life span than a spring operated system. That means a spring operated system will need to be repaired 20 times for every one time that a counter balanced system needs to be serviced.

The EPD counterbalance design applies even pressure on the counterweight box, which puts less pressure on the guides and less stress on the motor operator.

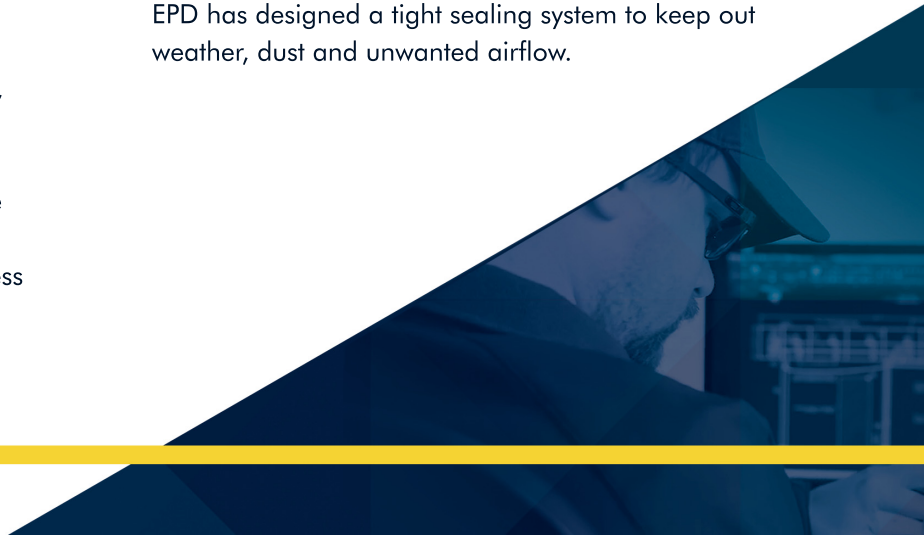
## Quality

It's just as important to us that our doors continue to perform for years to come—it's why we stand behind our products and support every one we've made since 1923 with replacement parts, technical support, and service.

Every EPD Door is designed and fabricated for the specific application.

The extra thick cavity can accommodate more insulation to prevent energy loss including fibrous glass insulation, spray foam, or STC rated materials.

EPD has designed a tight sealing system to keep out weather, dust and unwanted airflow.







## APPLICATIONS

### Mining/Industrial

Being rooted in the heart of Minnesota's Iron Range, EPD knows mining. EPD has manufactured over 2,500 vertical lift doors since 1965.

Vertical lift doors as large as 52'x55' and 82'x22' have been installed in over 100 mining facilities in 17 states and 5 countries.

### Aerospace/Military

EPD Vertical Lift Doors are available with a wide variety of design options such as bullet resistance, blast resistance, and shielding doors. These features are typically not found on roll up doors.

### Architectural/Convention Centers

EPD Vertical Lift Doors are not only industrial but can also be used in architectural applications.

Since each door is custom engineered and fabricated, we can offer a wide variety of cladding, glazing, and finish options.

EPD Vertical Lift Doors are an excellent option for Conventions Centers. They allow large equipment and exhibits to enter and exit the building while still allowing for human traffic through the same opening. This is achieved by incorporating man doors in the bottom panel of the Vertical Lift Door.

For More Information Visit Our Website  
[www.electricpowerdoor.com](http://www.electricpowerdoor.com)

## A lifetime of experience and product durability to match

With Electric Power Door, you get our commitment to building the highest quality, most reliable doors in the industry. Our top-notch service and customer support starts with helping our customers find the right door type for their application, and continues through the design, specification, planning, and building process.

It's just as important to us that our doors continue to perform for years to come—it's why we stand behind our products, and support every one we've made since 1923 with replacement parts, technical support, and service. We make sure we understand our customer's requirements, and our doors represent the reliability and work ethic that each of our customers embodies, and the performance of our doors gives them the ability to get their jobs done.



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