

# MODEL PD

HIGH PERFORMANCE DOOR

— P-SERIES —

The Model PD symbolizes high performance, high speed, and longevity. A door that is built to last!

#### FEATURES INCLUDE:

- Up to 500,000 operating cycles
- Average operating speeds of 24" per second to open and 12" per second to close
- Scratch-Guards protection system to reduce finish wear and operating noise
- Up to 30' wide and 16' high

#### COMMON APPLICATIONS:

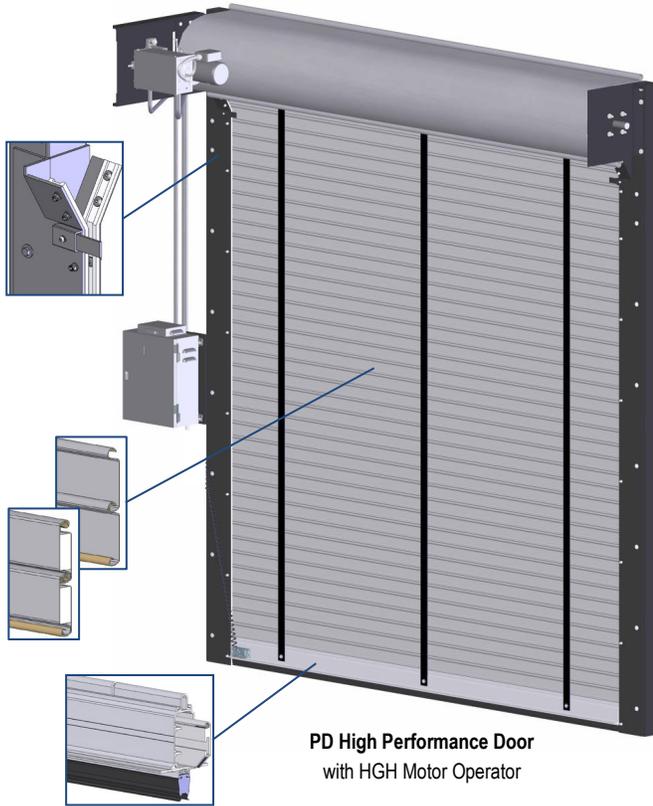
- Parking Structures
- Auto Dealerships
- High Speed Applications



**LAWRENCE**  
DOORS

**MADE IN THE USA**  
**SINCE 1925**

The Lawrence Model PD is a truly high performance rolling door... designed for 500,000 cycles usage – and with an average operating speed of approximately 24 inches per second to open, 12 inches per second to close. PD High Performance Doors are ideal in very high usage or higher speed applications for openings up to 30 ft. wide and 16 ft. high\*.



**Standard Door Features**

- Type 3 standard flat slats or Type 33 insulated slats\* (R5) – available in galvanized steel, stainless steel, or aluminum
- Delrin endblocks attached to slats to reduce friction
- *Scratch-Guards* protection system to reduce finish wear and operating noise
- Tubular bottom bar fabricated from aluminum extrusions
- Guides fabricated from 3/16" thick steel U-channels with replaceable extruded UHMW wearstrips bolted to 1/4" thick steel wall angles
- Springless barrel design – minimum 8 5/8" diameter pipe and 1 1/2" shafts

\*Doors with insulated slats are limited to 24 ft. wide or 14 ft. high

**Standard Safety Features**

- Wireless monitored sensing edge to stop and reverse a closing door upon contact with an obstruction – rubber dual-chamber profile design with integral isolated conductive elastomer switches
- Secondary monitored light curtain to stop and reverse a closing door upon sensing an obstruction in the opening
- If a sensing system fault is detected, door will stay in or return to the open position and revert to constant pressure close function for partial operability until fault is corrected

**Standard Operator Features**

- High efficiency UL Listed inline gear drive motor operator
- 2 HP minimum continuous duty motor operates on 208/230v-3ph or 460v-3ph power source
- Auxiliary hoist for emergency hand chain operation in the event of a power failure
- Integral speed governor to prevent curtain free-fall in the event of operator component failure
- Variable speed controller with adjustable soft start/stop feature
- Average operating speed of approximately 24" per second to open, 12" per second to close – slowing substantially prior to full open and full close positions
- Solenoid actuated brake, adjustable limit switches, non-resettable cycle counter, adjustable reclose timer, delay on reverse
- Auxiliary transformer is included to support supplemental sensors and ancillary control devices
- Wall mount control panel – connected to the motor operator via pre-assembled wiring harnesses

**Standard Clearances**

- Head clearance to 20' wide – 25" to 10 ft. high, 27" over 10 ft. to 12 ft. high, 29" over 12 ft. to 14 ft. high, 32" over 14 ft. to 16 ft. high  
Head clearance over 20' wide – 25" to 9 ft. high, 27" over 9 ft. to 11 ft. high, 29" over 11 ft. to 13 ft. high, 32" over 13 ft. to 16 ft. high  
Doors with insulated slats require 2" to 4" additional head clearance
- Side clearance – 8" each side (12" on drive side for doors with standard slats over 200 sq. ft. and most doors with insulated slats)

**Also available as a Model PG High Performance Grille**

PD Doors are warranted against defects in workmanship and materials for 2 years from date of shipment provided designed cycle life is not exceeded. Additional warranty conditions apply.



4525 Littlejohn Street • Baldwin Park, CA 91706  
(626) 869-0837 • Toll Free (866) 939-3399 • Fax (626) 869-0841  
www.lawrencedoors.com