



MODEL PI

HIGH PERFORMANCE INSULATED DOOR P-SERIES

The Lawrence Model PI is a high-performance insulated rolling door designed for high-demand, climate-controlled settings, delivering energy savings, speed, and temperature stability.

FEATURES INCLUDE:

- Type 33 double-wall insulated slats (R5) - available in aluminum*, galvanized steel or stainless steel
- 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

*Doors with aluminum slats are limited to 24 ft. wide, 14 ft. high, 256 sq. ft.

COMMON APPLICATIONS:

- Climate Controlled Warehouses
- Auto Dealerships
- High Speed Applications
- Secure Facilities

**Now standard with
Aluminum Slats!**
Higher Value/ Lower Cost*
Quieter operation than steel
Wears better than steel
Less weight/lower shipping cost

*Most sizes cost less due to smaller motor operator

*HGH High Performance
Motor Operator*

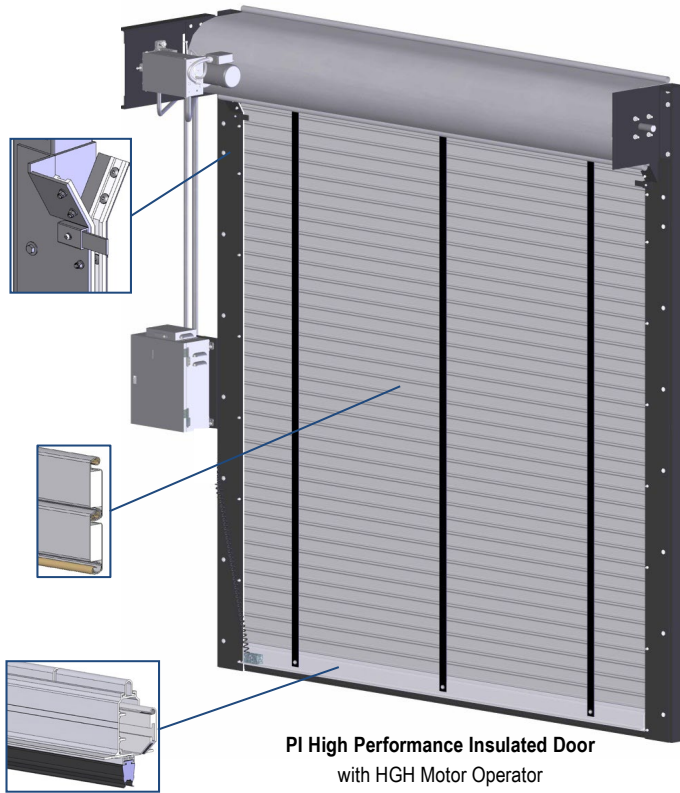


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The Lawrence Model PI is a truly high performance insulated rolling door... designed for 500,000 cycles usage – and with an average operating speed of approximately 24 inches per second to open, 12 inches per second to close. PI High Performance Insulated Doors are the ideal solution in very high usage or higher speed applications requiring climate control and energy savings for openings up to 24 ft. wide, 14 ft. high, 280 sq. ft.*



Standard Door Features

- Type 33 double-wall insulated slats (R5) – available in aluminum*, galvanized steel or stainless steel
- 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 aluminum slats are limited to 24 ft. wide, 14 ft. high, 256 sq. ft.*

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 – 27" to 10 ft. high, 29" over 10 ft. to 12 ft. high, 32" over 12 ft. to 14 ft. high
Head clearance over 20' wide – 27" to 8 ft. high, 29" over 8 ft. to 10 ft. high, 32" over 10 ft. to 12 ft. high
- Side clearance – 8" each side (12" on drive side for doors with steel slats over approx. 120 sq. ft. – refer to PI Details & Clearances)

Other High Performance models also available: PD Door · PG Grille · PT Tight-Coil Grille

PI Doors are warranted against defects in workmanship and materials for 2 years on the door and 5 years on the motor operator from date of shipment. Additional warranty conditions apply.