



# MODEL PG

HIGH PERFORMANCE GRILLE

— P-SERIES —

The Model PG is the next step up from our Model HG, offering fast operating speeds, durability, and extended cycle life, making this grille the best choice for your heavy usage applications

#### FEATURES INCLUDE:

- Up to 500,000 operating cycles
- Average operating speeds of 24" per second to open and 12" per second to close
- HL-9 Heavy Link curtain with 3/16" thick, 3/4" wide, 2 hole vertical aluminum links 9" on center
- Up to 30' wide and 16' high

#### COMMON APPLICATIONS:

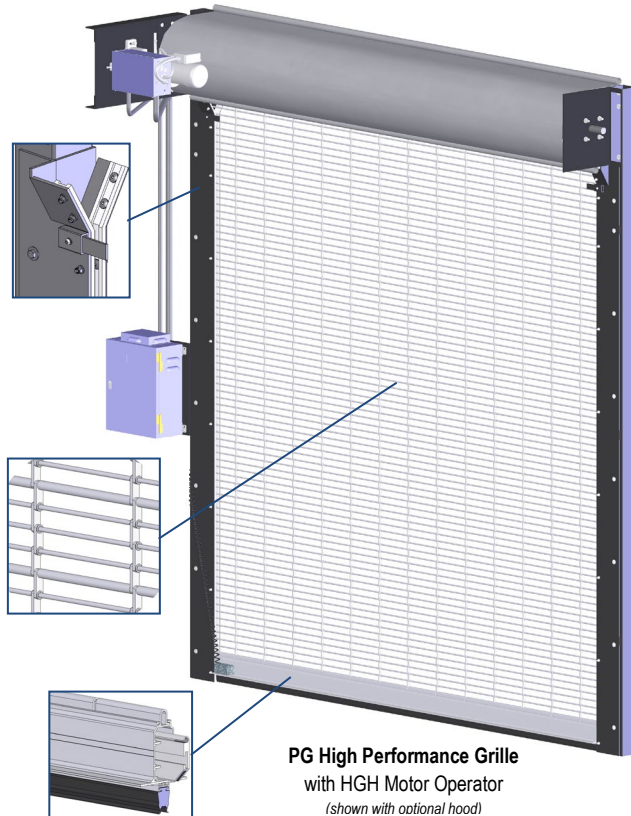
- Parking Structures
- Auto Dealerships
- High Speed Applications
- Hospitals



**LAWRENCE**  
DOORS

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

The Lawrence Model PG is an industry first! A truly high performance rolling grille designed for 500,000 cycles usage, with an average operating speed of approximately 24 inches per second to open, 12 inches per second to close. PG High Performance Grilles are the ideal solution in very high usage or higher speed applications for openings up to 30 ft. wide and 16 ft. high.



**Standard Grille Features**

- HL9 heavy-link inline grille curtain pattern with 3/16" thick, 3/4" wide, 2-hole vertical aluminum links on 9" centers, interconnected with 5/16" solid aluminum horizontal rods on 1 1/2" centers
- Stainless steel spacer tubes between curtain end links on every rod and aluminum spacer tubes between all other links on every 4<sup>th</sup> rod
- Stainless steel links and tube spacers on every rod optional
- 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

**Standard Safety Features**

- Wireless monitored sensing edge to stop and reverse a closing grille 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 grille, and photo eyes at top of guides to stop an opening grille, upon sensing an obstruction in the opening.
- If a sensing system fault is detected, grille will stay in or return to 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 (2 HP available as 230v-1ph)
- 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 – 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. (Reduced head clearance may be available on grilles to 8'-6" high – consult factory for information)
- Side clearance – 8" each side

**Also available as a Model PD High Performance Door with standard flat slats or insulated slats**

*PG Grilles 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.*



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