

MODEL 600 HC

HIGH CYCLE ROLLING GRILLE SYSTEM



HIGH CYCLE GRILLE FOR HIGH TRAFFIC AREAS

Model 600 HC offers the same safety and security as a standard rolling grille, but with the added benefit of a cycle life that is 15 times longer and the ease of maintenance that comes with our innovative springless design. Ideal for parking garages and other areas with high traffic, Model 600 HC has a lifespan of more than 300,000 cycles, as well as a variety of material, control and safety options.

- » RELIABLE SPRINGLESS DESIGN
- » MINIMIZED DOWNTIME
- » EXTENDED CYCLE LIFE OF 300K
- » 2-YEAR LIMITED WARRANTY ON DOOR SYSTEM

MODEL 600 HC

STANDARD FEATURES OVERVIEW CONSTRUCTION

MAX. HEIGHT[▲]	14' 4" (4,369 mm)
MAX. WIDTH[▲]	30' 0" (9,144 mm)
MAX. TOTAL AREA*	330 ft ²
CURTAIN	Galvanized steel links and solid rods with mill aluminum spacer tube
CURTAIN PATTERN	Straight lattice 9" center vertical links with 2" center rod spacing
DOOR ROLL	Directly driven, springless roll with integral shafts; Self-aligning greaseable sealed bearings; Door does not require counterbalance device
HOOD	24-gauge galvanized steel primed black; Matching motor and end cover provided
HIGH USAGE GUIDES	Three structural steel angles with UHMW wear strips and premium powder coat finish in black
BOTTOM BAR	Tubular extruded aluminum with mill finish
MOUNTING	Interior or exterior face of wall
OPERATION	Direct drive integrated gear/motor/brake assembly; Drive assembly and limit sensors are factory pre-assembled; Manual hand chain for power outage. Horsepower appropriate to door size/weight; 230 VAC 3-phase motor (operating range 207-245V); IP54 rated (NEMA 3 equivalent)
CONTROL PANEL	Electronic controller with microprocessor self-diagnostics. Digital readout indicates door action, alarm conditions, and fault conditions. Time delay self-close timer and non-resettable cycle counter is included. One open/close/stop push button station integrated in control panel. Enclosure is IP54 rated (NEMA 3 equivalent)
SAFETY FEATURES	Built-in brake mechanism, photoelectric sensors with guards

WARRANTY

TERMS	24-month (300,000 cycle) limited warranty
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OPTIONS

- Curtain pattern: Brick 9" on center vertical links with 2" on center rods spacing
- Curtain material: Mill aluminum link, galvanized steel solid rod, and mill aluminum spacer tube; Clear anodized aluminum link, galvanized steel solid rod, and clear anodized aluminum spacer tube; #4 or #2B stainless steel link, solid rod, and spacer tube; Powder coat finish
- Guides: powder coat finish or zinc enriched powder coat finish
- Hood: Powder coat finish, stainless steel with #4 brush finish, or anodized or mill aluminum finish
- Motor options: 460 and 575 VAC 3-phase (requires appropriate step down transformer); 220/240 VAC 1-phase (operating range 220-240V)
- Safety devices: Monitored electric sensing edge; additional set of photoelectric sensors
- Control panel: IP65 (NEMA 4/4X equivalent) control panel
- Actuators: Push buttons, loop detectors, radio control, motion detectors
- Bottom bar: Double angle
- Bottom bar finish: Anodized and powder coat on extruded aluminum or aluminum double angle; steel finishes: galvanized, powder coat, or stainless #2B or #4

The Model 600 HC provides high cycle performance along with security, durability and visual access.

MATERIALS AND CONSTRUCTION

Strong and durable galvanized steel links and solid rod construction provide security without sacrificing visual access or air exchange. Model 600 HC comes standard with enhanced safety devices such as the built-in braking mechanism that protects against uncontrolled curtain travel and photoelectric safety sensors for obstruction monitoring during grille operation.

The direct drive, heavy-duty gearbox motor assembly is pre-assembled for easier installation and requires less maintenance than a conventional chain and sprocket system. Our innovative springless design creates a grille without a counterbalance spring system to replace, for lower maintenance in the field and long-lasting durability.

A non-resettable cycle counter tracks and displays total cycles for warranty and service. A digital display on the control panel indicates door actions, alarm and fault conditions. The time delay self-close timer is an on-board feature as well as an open/close/stop/push button station integrated in the control panel cover.

This high cycle rolling grille is perfect for parking garages, manufacturing facilities, government facilities or other high traffic areas.

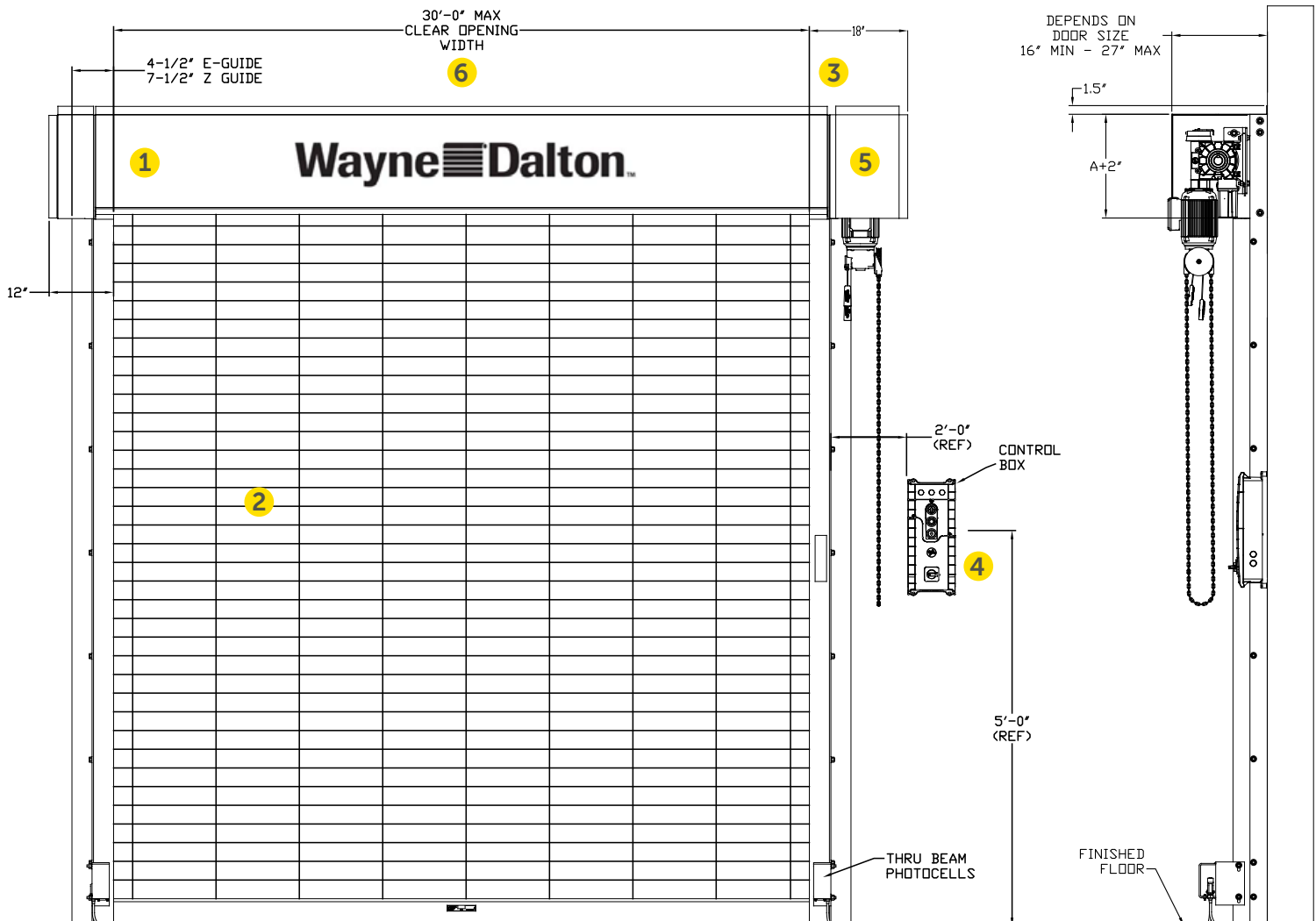
[▲]Maximum height and width are independent of each other and may vary based on, material and gauge. Larger sizes may be available. Consult dealer for more information.

* Dependent upon the curtain material and pattern. Consult factory for sizes not listed above.

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Model 600 HC combines durable construction and an innovative springless design for a grille system with a cycle life more than 15 times the standard rolling grille.

- 1 Springless barrel design** eliminates the need for a counterbalance, allowing for a 300,000 cycle life without having to incur the cost of spring replacement
- 2 Continuous rod curtain design** combined with high strength curtain material increases durability and security
- 3 Universal components** allow for ease of maintenance
- 4 Floor-level controller** permits ease of access control and maintenance
- 5 Direct-drive gearbox** integrates gear, motor and brake assembly with a built-in braking mechanism providing additional protection against uncontrolled curtain travel
- 6 Field-installable accessories** such as radio controls or motion detectors



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