

## MODEL 600 ADV

ADVANCED ROLLING GRILLE SYSTEMS



### HIGH TRAFFIC SOLUTION WITH LASTING DURABILITY

In today's marketplace, security and low maintenance are key to business survival in an increasingly competitive environment. To assist your business in driving these key initiatives Wayne Dalton provides an Advanced Performance solution as an option to create a high performance environment. The Wayne Dalton Advanced Rolling Grille is three times faster than a standard rolling grille and with a springless design it provides high cycle performance for a longer system life.

Model 600 ADV provides lasting durability as well as security to make it your top choice for an Advanced Performance Grille.

- » FIVE (5) YEAR LIMITED WARRANTY ON MOTOR; TWO (2) YEAR/300,000 CYCLES ON DOOR COMPONENTS
- » HIGH STRENGTH GRILLE CONSTRUCTION FOR LONGER CURTAIN LIFE
- » OPENING/CLOSING SPEED OF UP TO 24" PER SECOND/12" PER SECOND
- » SPRINGLESS DESIGN PROVIDES SMOOTH, RELIABLE, HIGH-CYCLE OPERATION

# MODEL 600 ADV

## STANDARD FEATURES OVERVIEW

### CONSTRUCTION

MAX. WIDTH <sup>▲</sup>	30'4" (9,246 mm)
MAX. HEIGHT <sup>▲</sup>	14'4" (4,369 mm)
MAX. TOTAL AREA*	240 ft <sup>2</sup>
CURTAIN	Heavy duty galvanized steel links and rods with mill aluminum spacer tube
CURTAIN PATTERN	Straight lattice 9" center vertical links with 2" center rod spacing
DOOR ROLL	Directly driven, springless steel tube roll with integral shafts, keyed on the drive end and supported by self-aligning grease able sealed bearings
HOOD	24-gauge black painted steel
GUIDES	Three structural steel angles powder coated black
BOTTOM BAR	Tubular extruded aluminum with mill finish
MOUNTING	Face of wall
OPERATION	Direct drive, motor/gearbox/brake assembly with manual hand chain for power outages. 230V AC 3-phase is standard
CONTROL PANEL	NEMA 4X rated; variable frequency drive, self-diagnostics, timer to close programming options and non-resettable cycle counter are included
SAFETY FEATURES	Built-in brake mechanism, photoelectric sensors with commercial grade guards, wireless monitored safety edge, motor cover

### WARRANTY

TERMS	Five (5) year limited warranty on motor; Two (2) year limited warranty on door system components;
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### OPTIONS

- Curtain pattern: Brick 4.5" on center vertical links with 2" on center rods spacing
- Curtain material: Mill aluminum link, galvanized steel rod, with mill aluminum spacer tube. Clear anodized aluminum link, galvanized steel rod, and clear anodized aluminum spacer tube. #4 or #2B stainless steel link, galvanized steel rod, and stainless steel spacer tube
- Guides: Powder coat finish, zinc enriched powder coat finish, stainless steel
- Hood: 24-gauge powder coated steel, stainless steel with brush finish, powder coated aluminum
- Actuators: Loop detectors, radio control, push buttons, motion detectors and pull cords (wireless accessories available)
- Direct drive motor options available in 208V AC 1PH<sup>†</sup>, 230V AC 1PH, 460V AC 3PH or 575V AC 3PH<sup>†</sup>. Horsepower is appropriate to size and weight of door. († requires stand-alone mounted transformer)

<sup>▲</sup>Maximum height and width are independent of each other and may vary based on slat profile, 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.

**The Advanced Rolling Grille System comes standard with enhanced safety devices such as the built-in braking mechanism, sensing bottom edge and photo eyes.**

### MATERIALS AND CONSTRUCTION

High strength links and solid rod construction provide security without sacrificing visual access or air exchange. The Advanced Rolling Grille System is three times faster than the standard rolling steel grille. The direct drive heavy duty gear box motor assembly requires minimum maintenance unlike conventional chain and sprocket systems.

Our innovative springless design creates a grille without a single spring to replace. The new VFD\* system operates on a soft start and stop to hinder wear and tear on the system. This system is designed to provide asset longevity and a low maintenance solution.

A non-resettable cycle counter tracks and displays total cycles the door has accumulated for warranty and service, so there is no more guessing on when the grille will need maintenance. An LCD plain text read out on the control panel indicates grille actions, alarm conditions and fault conditions in a user-friendly language to easily identify actions or maintenance needed. These advanced diagnostics are used for fast and easy set up and trouble shooting.

This door comes standard with a wear resistant guide system featuring UHMW wear strips on both the outer and middle angles of the guides to significantly reduce curtain wear.

Ideal applications are high cycle or high traffic areas such as parking garages, industrial manufacturing facilities and government and public facilities.

\*VFD: Variable Frequency Drive.

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**Advanced Rolling Grille that combines the security of standard rolling steel grilles with low maintenance and high cycles to create a high performance grille.**

## 1 SPRINGLESS BARREL DESIGN

Springless, high cycle design allows for the door system to be opened and closed frequently creating asset longevity and reliable performance over extended time without having to incur the cost of spring replacement.

## 2 HEAVY-DUTY COMMERCIAL PHOTO EYES

Photoelectric sensors reverse the downward motion of the grille when a person or object enters its path.

## 3 DIRECT DRIVE HEAVY DUTY GEARBOX AND MOTOR WITH BUILT-IN BRAKING DEVICE

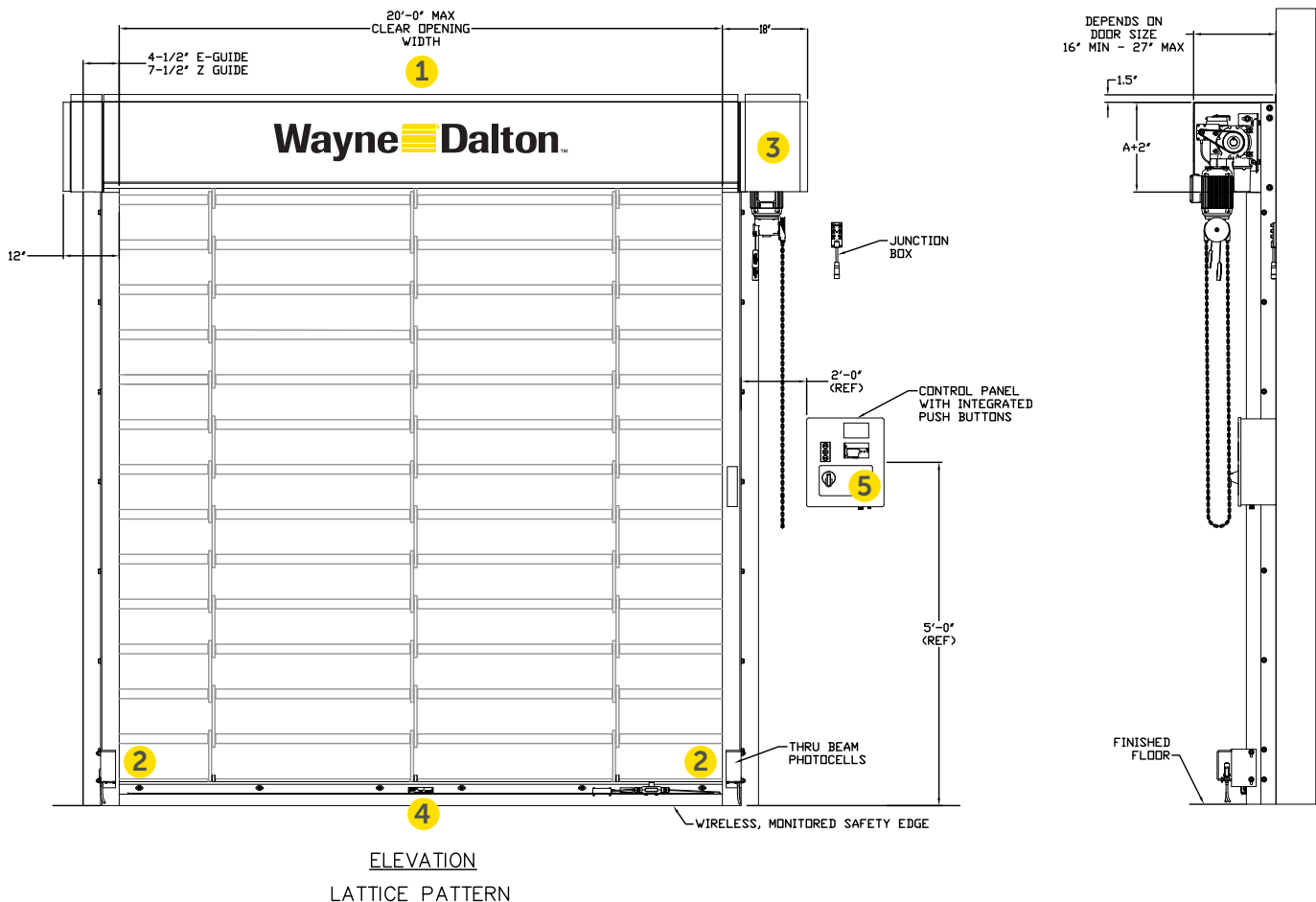
Ideal for high cycle applications. No drive chain and sprocket to adjust and maintain. Braking mechanism protects against uncontrolled travel. Manual hand chain override for door operation during power loss.

## 4 WIRELESS SAFETY EDGE

Wireless, monitored safety edge reverses downward motion upon impact.

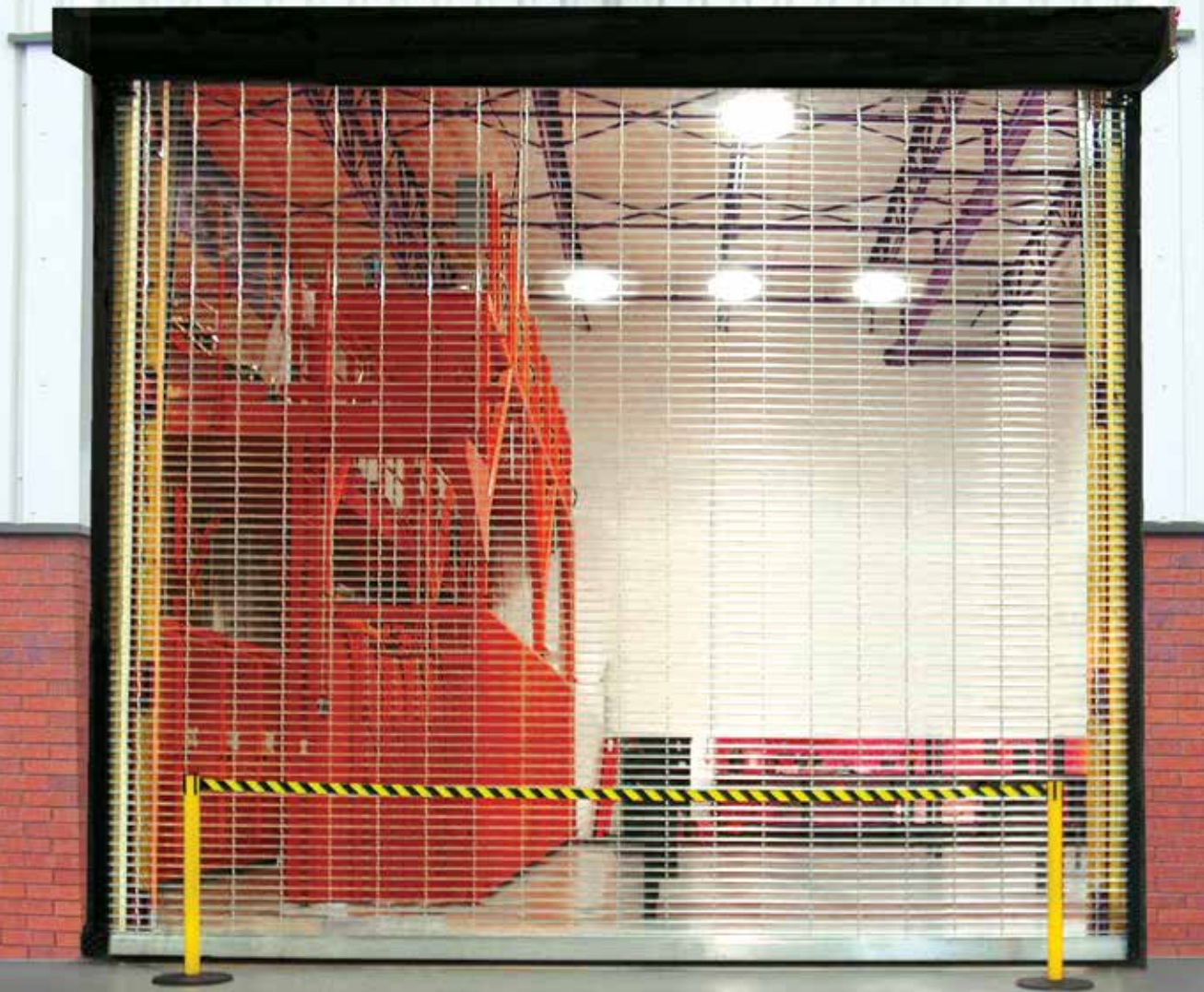
## 5 NEMA 4X CONTROL PANEL WITH BUILT-IN VARIABLE FREQUENCY DRIVE

Allows door to close at a slower speed than it opens to meet safety requirements. LCD readouts indicate door actions, alarms and fault conditions. Timer to close programming options and non-resettable cycle counter are included for maintenance and service reminders.



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**Wayne Dalton**  
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