



# MODEL 109G

Hydrarol™ High Speed  
Grille Style Roll-Up Door  
**MODEL 109G POWER**

## ■ EXCEPTIONALLY FAST

Two doors in one, high speed for quick access and high strength for security. Operating speeds of up to 42" per second.

## ■ ULTIMATE DURABILITY

Patented hydraulic operator or electric direct drive operator for speed and long life. Rigid interlocking anodized aluminum grille style slats have nylon windlocks and wind guides. Side guides are lined with high density PVC eliminating metal-to-metal contact with slats. No need for roller wheels, belts, cables, extension springs and other high wearing, high maintenance parts.

## ■ MAXIMUM SECURITY

The Hydrarol rigid roll-up door is ideal for any area requiring high security. With its rigid slat design, operating speeds of up to 42" per second and reliable operation in the highest cycle applications, the Hydrarol provides the ultimate in protection for your facility.

## ■ SUPERIOR VENTILATION

The Hydrarol 109G combines the speed and reliability of our other high performance doors with the air exchange necessary to prevent fume buildup. Anodized aluminum fenestrated slats provide the security of a visible, physical barrier, while maintaining superior air flow and circulation.

## ■ INNOVATIVE DESIGN

The Hydrarol's operator can be mounted in a variety of configurations to accommodate applications with tight headroom or side clearances. Curved panel profile enables door to roll into a compact drum. Unlike standard grille doors, the 109G has no links or bars, no roller wheels, belts, cables or extension springs to wear out. Marathon doors utilize explosion proof motors ensuring safe operation.

## ■ CUSTOM SYSTEMS

Marathon door systems are designed and precision manufactured to your specifications at our corporate location in Milwaukee, Wisconsin. We are able to accommodate a variety of applications and special requests. Whether it is a custom color, a special window configuration, activation requirement or, a size that defies standard offerings, we can build a door that will compliment your building's design.



*Innovative Design. Superior Design. Exceptional Value.*

## MARATHON HIGH SPEED, HIGH CYCLE DOORS, DESIGNED FOR THE LONG RUN.

Marathon Hydrarol rigid roll-up doors are designed to provide high speed operation, high cycle life and minimal maintenance for outstanding security and performance.

Featuring an innovative design that eliminates the need for links and bars used in standard grille doors plus, with no roller wheels, belts, cables, extension springs and other high wear, moving parts to replace, the Hydrarol Grille provides worry-free operation over hundreds of thousands of cycles.

Our high speed Grille style door ensures significant maintenance savings, and increased security while maintaining air flow and preventing fume build up. High speed operation enables quick entrances, exits and quick close down of area for increased security.

*Hydrarol: higher security, lower operational costs, greater value.*

### HIGH PERFORMANCE DOORS FOR THE LONG RUN

Marathon Doors | An ASI Technologies, Inc. Company  
5848 North 95th Court | Milwaukee, WI 53225

PHONE: 414.464.6200 | FAX: 414.464.9863 | TOLL-FREE: 800.558.7068

[www.marathondors.com](http://www.marathondors.com)



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## Hydrarol™ High Speed Grille Style Roll-Up Door

### MODEL 109G POWER

#### DESIGN AND CONSTRUCTION DOOR SIZES

- Up to 30' w x 23' h. (Other sizes available - consult factory.)

#### PANEL CONSTRUCTION

- Anodized aluminum grille.

#### OPERATION

- PLC control panel.
- 2 speed operation. open - up to 42"/sec. close-21"/sec.

#### HYDRAULIC SYSTEM

- High output hydraulic pump driven by 1 h.p. totally enclosed motor.
- High torque hydraulic motor.
- High pressure hydraulic hoses.
- NEMA 4 fiberglass control box.

#### OR

#### ELECTRIC DIRECT DRIVE SYSTEM

- PLC control panel.
- Open/close cycle of 36" per second.
- High output electric direct drive with 1, 2, or 3 hp totally enclosed motor.
- NEMA 4 fiberglass control box.

#### PERFORMANCE FEATURES (POWER MODELS)

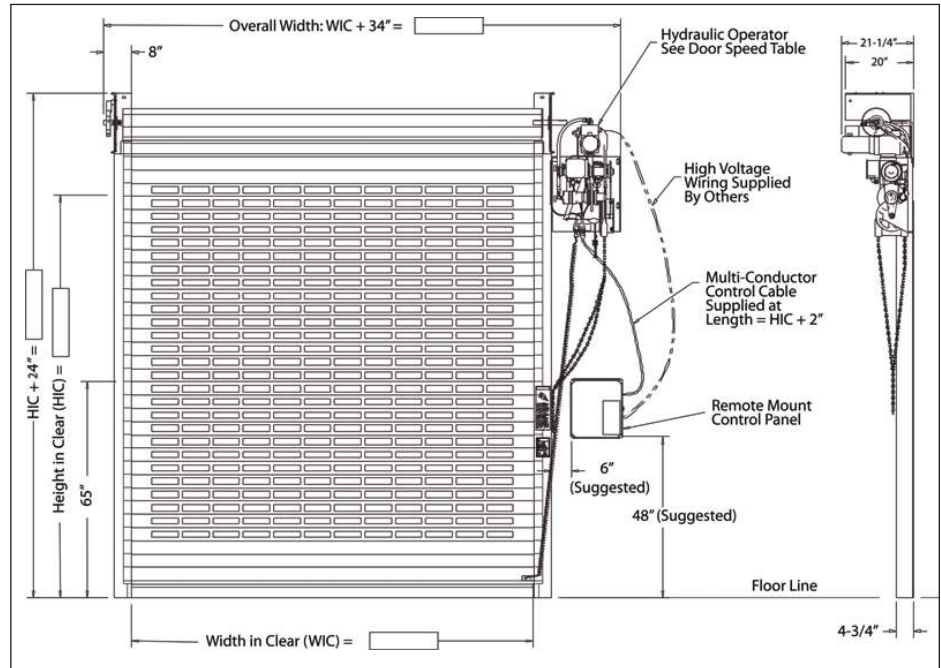
- Reversing edge for instant stop/reverse.
- Manual chain override.
- (2) Send and receive reversing photoeyes.

#### WARRANTY

- One year limited warranty on hydraulic operator components.
- One year limited warranty on all other components.

#### OPTIONS

- Light screen.
- Activation Devices:
  - Pull Cord.
  - Single Push Button.
  - Photoeye.
  - Radio Control.
  - Loop Detector.
- Pre-announce to close kit (light or alarm/or combo).
- Motion Detector.
- Adjustable time delay close with auto close feature.
- Front mounted operator, or custom operator location available.
- Window slats in 4 slat increments. (Custom configurations available.)
- Operator and barrel shrouds.



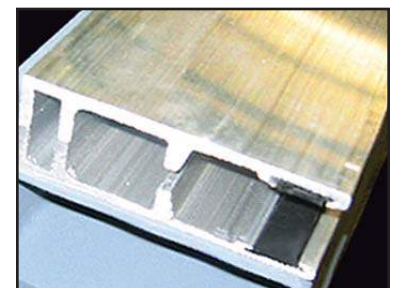
Standard dimensions shown. For tighter clearance requirements, consult factory.



**FENESTRATED ANODIZED ALUMINUM SLATS**  
Provide security while maintaining air flow.



**OPTIONAL PRE-ANNOUNCE TO CLOSE KIT**  
Available with light, alarm or combo.



**NYLON SIDE GUIDE STRIPS**  
Eliminate metal-to-metal contact with slats.

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