

■ **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 for speed and long life. Rigid unitized, interlocking slats have an anodized aluminum exterior, shock absorbing PVC interior surface, dense polyurethane foam insulation, and 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, fast operating speeds and reliable operation in the highest cycle applications, the Hydrarol provides the ultimate in protection for your facility.

■ **ENERGY EFFICIENT**

Maintaining climate control and reducing energy costs in any facility can be a major challenge. Slow overhead doors that open throughout the day can result in significant energy loss. With its insulated slats and high speed operation, the Hydrarol will help lessen air exchange and reduce energy consumption.

■ **INNOVATIVE DESIGN**

The Hydrarol's hydraulic 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. No roller wheels, belts, cables or extension springs to wear out.

■ **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.

# MODEL 109

HYDRAROL™ High Speed Rigid Roll-Up Door  
Hydraulic Operation

**MODEL 109 POWER**



Innovative Design. Superior Performance. 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 roller wheels, belts, cables, extension springs and other costly, high wear, moving parts, the Hydrarol provides worry-free operation over hundreds of thousands of cycles.

Our proven technologies also ensure significant energy savings, improved traffic flow and increased security. A faster insulated door means less air exchange and less energy consumption. 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.marathonddoors.com](http://www.marathonddoors.com)



# MODEL 109

HYDRAROL™ High Speed Rigid Roll-Up Door  
Hydraulic Operation

**MODEL 109 POWER**

**DESIGN AND CONSTRUCTION**

**DOOR SIZES**

- Up to 30' wide x 23' high.  
(Other sizes available - consult factory.)

**PANEL CONSTRUCTION**

- Unitized design.
- Exterior face constructed of anodized aluminum.
- Interior face constructed of rigid PVC.

**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. or 2 h.p. totally enclosed motor.
- High torque hydraulic motor.
- High pressure hydraulic hoses.
- NEMA 4 fiberglass control box.

**PERFORMANCE FEATURES (POWER MODELS)**

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

**INSULATION**

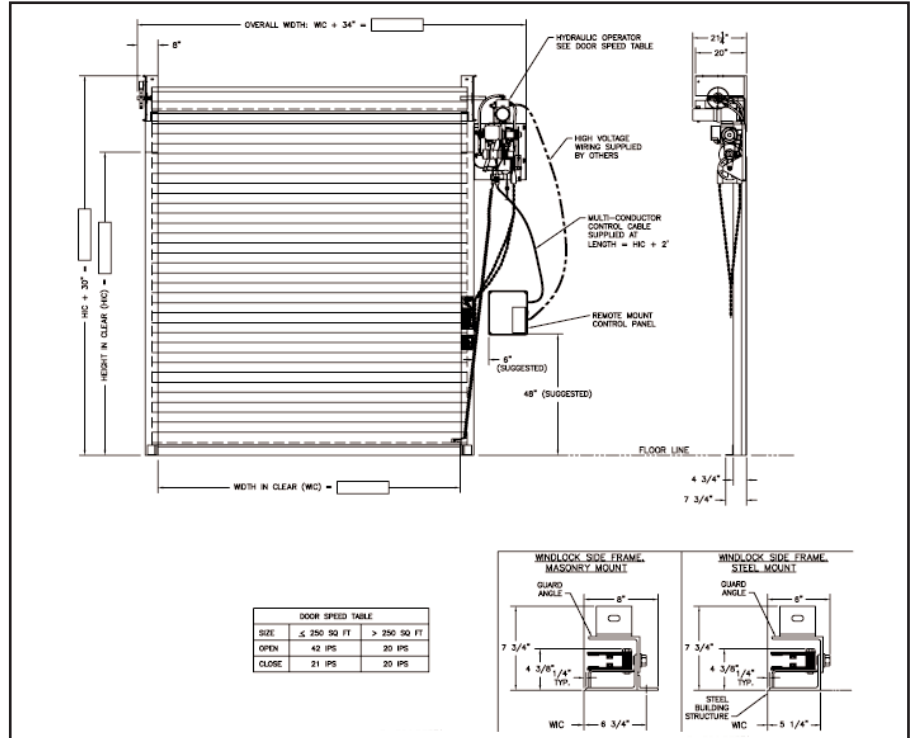
- High density foam in place insulation.
- "K" factor of .12 at 75° F.

**WARRANTY**

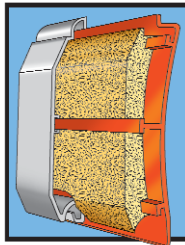
- One year limited warranty on hydraulic operator components.
- One year limited warranty on all other components.

**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.
- Custom operator locations available.
- Window slats in 4 slat increments.  
(Alternate configurations available.)
- Operator and barrel shrouds.
- Custom Colors.



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



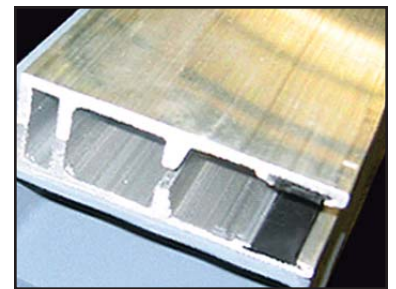
**DENSE POLYURETHANE FOAM INSULATION**  
Seals out winter cold and summer heat.



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



**OPTIONAL POLYCARBONATE WINDOW SLATS**  
Allow visibility without compromising security.



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

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