

## The Monitor RD70

Full-Height Turnstile • Interior Application

The Monitor RD70 Series is a stylish 3 vane revolving door type high security portal. It is designed for locations requiring improved visitor security or as the barrier between production and office areas. Instead of a traditional physical barrier to prevent passage in the wrong direction, the RD70 comes equipped with a high tech ultrasonic sensor. This sensor allows for a full door panel appearance while still enforcing standard turnstile passage flow.

### Measurements:

Exterior Height: 91"

Diameter: 72"

Pedestrian Clearance: 30"



Also available with integrated metal detection portal



### We're the #1 Choice of Top Architects, Security Pros and Engineers

For two decades, Controlled Access has been the globally trusted name in pedestrian control equipment. Made in Ohio and shipped worldwide, we are the first choice of leading architects, facility managers, security consultants and engineers. Whether your project requires high security full-height turnstiles, waist-high units, or matching ADA accessible gates, Controlled Access is the secure choice. And, we're experienced in access control systems, from card readers to biometric scanning, to give you the power to control access.



# The Monitor RD70

## Full-Height Turnstile • Interior Application

### Applications:

The Monitor RD70 Series is a full security card access, tamper-resistant revolving door that's designed for locations requiring improved visitor security or as the barrier between production and office areas.

### Product Specifications:

#### Dimensions:

Exterior Height: 91"

Interior Height: 84"

Diameter: 72"

Pedestrian Clearance: 30"

#### Finish:

Standard anodized finish choices are clear and bronze. Other colors available upon request.

#### Construction:

##### Materials:

Various 6061 & 6063 extruded aluminum

3/16" MR10 Lexan® polycarbonate

1/4" clear tempered glass

7 & 11 gauge steel (mainframe/canopy)

Anodized aluminum sheet, canopy wrap

##### Assembly and Hardware:

- All exposed fasteners stainless steel
- Canopy & outer cage panels secured to concrete with 3/4" threaded rods, epoxied into concrete
- Rotor pivots on a sealed load runner bearing, secured with stainless steel coupling anchored onto concrete
- Outer cage panels pre-assembled with concealed spring pins and solid rods
- Door panels and cosmetic covers secured with flat head screws

### Operation:

#### 6500 Series Control Head, featuring:

- Auto-indexing (self-centering) with adjustable hydraulic shock suppression
- Hardened tool steel locking bars, cam and roller assemblies
- Permanently lubricated bearings
- Nearly universal integration to any number of access control systems
- Your choice on each electronic direction of locking or unlocking on power failure

### RD70 Specific Features:

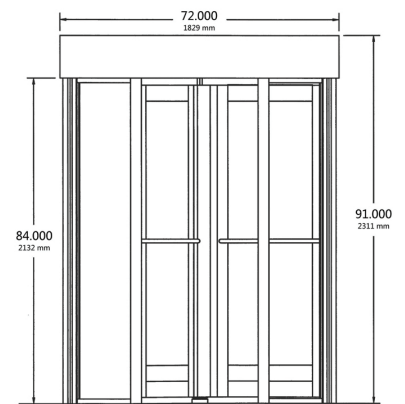
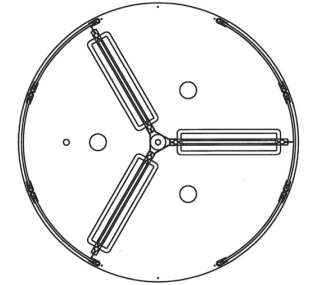
- Ultrasonic barrier detects if a presence enters the wrong area of the portal – and in that event, the turnstile will not allow the person to advance and will reverse allowing them only to exit thru the defined "unsecure" side.
- Audible message via loop recorder when ultrasonic sensor detects a presence
- Low voltage canopy lighting

### Options:

- Card reader mounting plates
- Daylight visible indicator lights
- 8 digit key resettable LCD counter with seven year lithium battery
- Metal detection portal
- Additional options available upon request

### Warranty:

Units are warranted against defects in materials and workmanship for a period of one year from date of delivery. See warranty information for specific details.



Dimensions are approximate.

### Electrical Specifications:

Input Voltage: 100-240 VAC

Input Current: 1.3 - .55 A

Frequency: 50/60 Hz

Storage Temperature: -4 to 158 °F

Operating Temperature: 32 to 122 °F

Operating Voltage: 24VDC

Operating Current: 1.2 A (typical)



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