



Automatic, Security and Manual  
**Revolving Door Systems**





# Beautiful • Brilliant • Energy Efficient

Horton Automatics offers a wide range of automatic, security and manual revolving door systems to meet facility traffic demands, control energy expenses, and provide architecturally appealing entrances.

**Automatic:** Horton Automatics standard offering includes two, three, and four-wing automatic door systems. The two-wing offers the largest compartment size easily accommodating large volumes of traffic, whether for commercial or institutional applications.

The three-wing is most commonly used for providing fast and efficient traffic flow.

**Security:** Horton's security systems include one and two-way secure access. The one-way is ideal for transporting pedestrians from secure to non-secure areas in applications such as airports.

The two-way is ideal for controlled access such as pharmaceutical labs. Both systems free up security resources eliminating the need for manned stations.

**Manual:** Horton also offers manual revolving door systems in three and four-wing configurations.

**Options:** Horton ties this altogether with either throat or center connected configurations showcasing round canopies and segmented drums providing aesthetically engaging solutions.

Horton's independent distribution network completes the product offering with superior installation and service.

## Product Functions



Automatic



Manual



Security



Energy  
Efficient

# What Sets Horton Apart



## Advantages of Segmented® vs. Round Drum:

1. Segmented® drums allow for flat or insulated glass or solid panels
2. Segmented® drums have lower installation costs than round drums
3. Segmented® systems allow for immediate glass replacement when needed
4. Segmented® drums allow for mixing panel types
  - Insulated glass at exterior
  - Flat glass at interior
5. Segmented® drums can be fitted with a round canopy which will save money, and are aesthetically pleasing

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# Revolving Door Systems Applications



**Office Security**

Energy Efficient



**Government**



**Hospitality**



**Airport**

Brilliant



**Healthcare**

Beautiful



**Education**



**Restaurant**



**Retail**



**Commercial**



# Automatic Revolving Doors



Horton Automatics revolving door systems offer impressive architectural appeal, energy efficiency and effective high traffic management.

Five major designs are offered in a wide selection of finishes, diameters, door wing configurations and glazing options.

## Standard Features

- Constant seal helps reduce energy costs
- Segmented® or round drum design
- Magnetic breakaway door wings for emergency egress
- Bump-To-Idle™ for added safety
- Easily adjustable manual or automatic rotation
- One-way, two-way or card access security
- Easy manual operation during power outages
- Most models are easily customized with all glass, solid wood and stainless steel materials plus special roof panel designs and extended canopies
- Compliant with ANSI 156.27 revolving door standard

## Optional Features

- Segmented drum accommodates round canopy

## Applications

High Traffic, Energy Efficiency, Security

- Airports
- Hospitals
- Hotels
- Schools
- Restaurants
- Manufacturing Facilities
- Financial/Government
- Shopping Malls and Retail
- Upscale Condominiums
- Call Centers



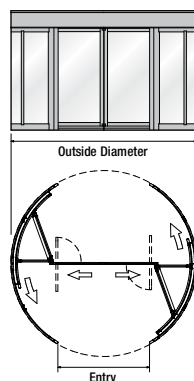
## Grand® 2W

### Two-Wing

The Grand® 2W is available in systems up to 16 feet handling heavy pedestrian traffic up to 80 people per minute. The Grand® 2W is ideal for healthcare, corporate headquarters, airports and retail applications.

### Standard Features

- Round drum design
- Integrated sliding or swing door configuration
- Program selector to change rotation speeds to accommodate facility users as weather dictates
- 3-in-1 design that includes a revolving door, a sliding door and a balanced door



Two-Wing Round Drum



## Grand®

### Core Vestibule Design

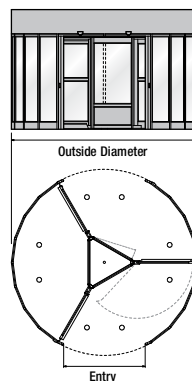
This system provides spacious compartments for an elegant, energy efficient entrance. With diameters up to 16 feet, this system is ideal for managing high traffic volumes including wheelchairs, walkers and stretchers.

### Standard Features

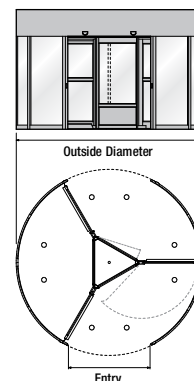
- Segmented® or round drum design
- Medium stile design
- Smooth, continuous rotation
- Auto rotation with VistaScan™\*
- Customizable voice annunciator

### Optional Feature

- Segmented drum accommodates round canopy



Three-Wing Segmented® Drum





Three-Wing Round Drum



\*VistaScan™ slows or stops doors in motion when objects are within 10" of door wing sensor and will detect anyone 28" or taller

## Selection Guide

Model	Type	Outside Diameter	Segmented® Drum Throat Opening	Round Drum Throat Opening
 <b>Grand® 2W</b>	Two-Wing	12' 1 $\frac{1}{8}$ " to 16' $\frac{1}{8}$ " (3688–4898)	—	5' 10 $\frac{1}{4}$ " to 7' 10 $\frac{1}{2}$ " (1800–2400)
 <b>Grand®</b>	Three-Wing	12' to 16' (3658–4877)	5' 3 $\frac{3}{4}$ " to 7' 3 $\frac{3}{4}$ " (1619–2229)	5' 1 $\frac{1}{8}$ " to 7' 1 $\frac{1}{8}$ " (1565–2175)



## MiniGrand®

### Center Pivot Vestibule Design

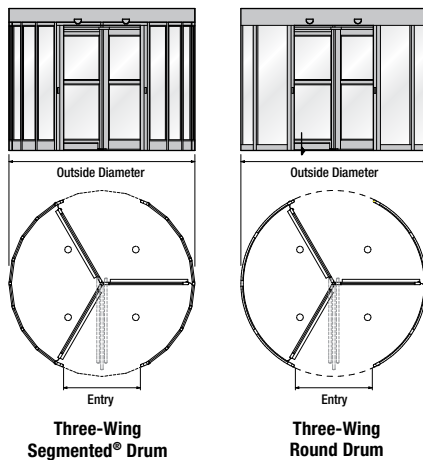
The MiniGrand® offers the drum construction of a Grand® revolver along with the compact design made possible by center pivot door wings. This versatile door system is available in 11 and 12 foot diameters.

#### Standard Features

- Segmented® or round drum design
- Medium stile design
- Smooth continuous rotation
- Auto rotation with VistaScan™\*

#### Optional Feature

- Segmented drum accommodates round canopy



\*VistaScan™ slows or stops doors in motion when objects are within 10" of door wing sensor and will detect anyone 28" or taller



## AutoFlow™

### Center Pivot Vestibule Design

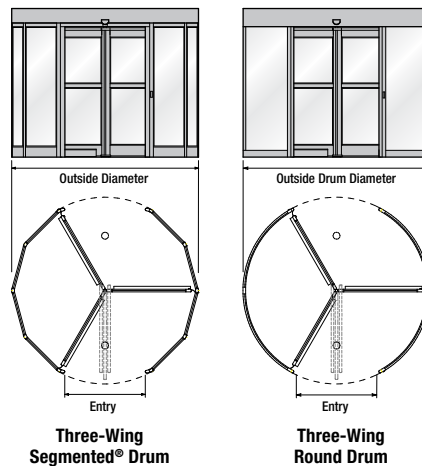
The AutoFlow™ is available in a 10-foot diameter configuration, it allows for easy movement of pedestrian traffic with reduced overall space requirements.



#### Standard Features

- Segmented® or round drum design
- Medium stile design
- Excellent alternative to swing or slide door for a front entrance
- Smooth continuous rotation

#### Optional Feature

- Segmented drum accommodates round canopy



Selection Guide				
Model	Type	Outside Diameter	Segmented® Drum Throat Opening	Round Drum Throat Opening
 MiniGrand®	Three-Wing	11' to 12' (3353–3658)	4' 9 $\frac{3}{4}$ " to 5' 3 $\frac{3}{4}$ " (1467–1619)	4' 7 $\frac{5}{8}$ " to 5' 1 $\frac{1}{2}$ " (1413–1565)
 AutoFlow™	Three-Wing	10' 3 $\frac{1}{2}$ " (3137)	4' 4 $\frac{3}{8}$ " (1330)	4' 7 $\frac{5}{8}$ " (1407)

# Security Revolving Doors



Horton Automatics security revolving doors are versatile to handle standard to high security applications.

## Standard Features

- Constant seal helps reduce energy costs
- Matless configurations
- One-way or two-way card access security
- Biometric, card or sensor activation

## Applications

- Airports
- Pharmaceutical Companies
- Laboratories
- Financial Institutions
- Government Agencies
- Corporate Headquarters



## ControlFlow™ One-Way Automatic Security Revolving Door

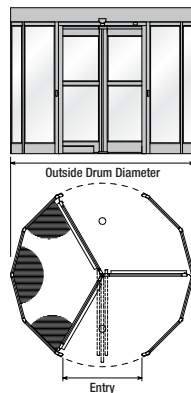
Designed for moving people from secure to non-secure areas, to ensure security breaches do not occur.

### Standard Features

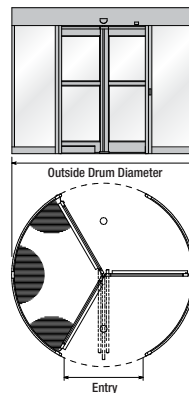
- Segmented® or round drum design
- Medium stile design
- Field programmable voice messages
- Wireless remote set-up with 16 modes of operation and other programmable options

### Optional Feature

- Segmented drum accommodates round canopy



Segmented® Drum



Round Drum



## ControlFlow™ One-Way Airport Automatic Exit Airport Security

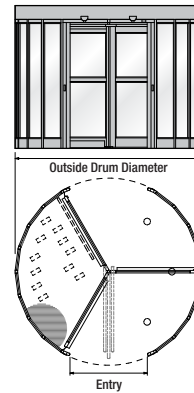
Designed specifically for airport applications to protect against security breaches in one-way traffic patterns.

### Standard Features

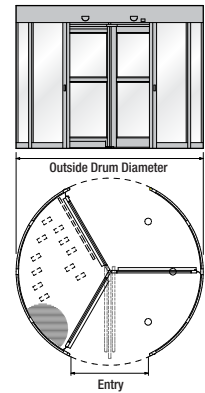
- Segmented® or round drum design
- Medium stile design
- Field programmable voice messages
- Object detection technology to detect undesirable and dangerous objects

### Optional Feature

- Segmented drum accommodates round canopy





Segmented® Drum



Round Drum



## Selection Guide

Model	Type	Outside Diameter	Segmented® Drum Throat Opening	Round Drum Throat Opening
 <b>ControlFlow™ One-Way</b>	Three-Wing	8' 3½" to 10' 3½" (2527–3137)	3' 4¼" to 4' 4¼" (1026–1330)	3' 6¼" to 4' 6¼" (1089–1394)
 <b>ControlFlow™ One-Way Airport</b>	Three-Wing	12' (3658)	5' 3¼" (1619)	5' 1½" (1565)





## ControlFlow™ Two-Way

With Anti-Tailgate Security

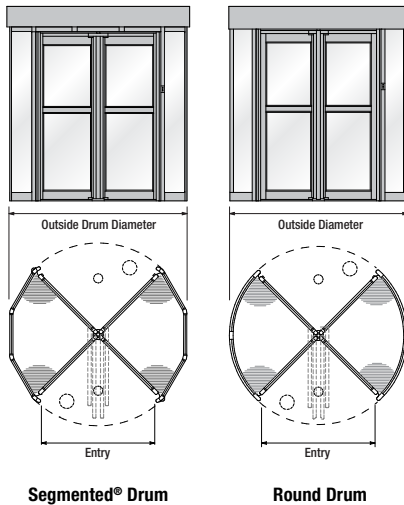
The ControlFlow™ two-way security system includes anti-tailgating capabilities. The system can be tailored to meet the level of security you require. Mats are required.

### Additional Features

- Segmented® or round drum design
- Narrow stile design
- Detects single and multiple people and suspicious activity

### Optional Feature

- Segmented drum accommodates round canopy
- Level III bullet-resistant flat glass



## ControlFlow™ Two-Way

With Anti-Tailgate Security, Matless

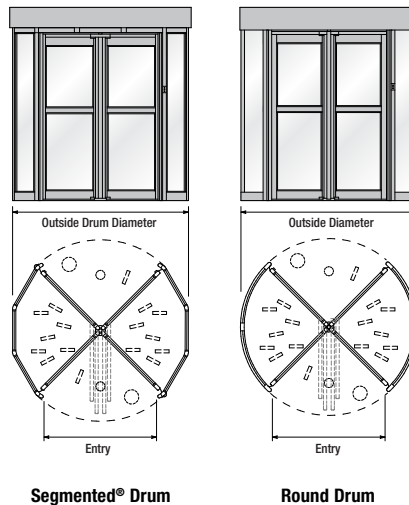
Designed with a choice of one or two-way card activation in a matless system for aesthetic appeal.

### Additional Features

- Segmented® or round drum design
- Narrow stile design
- Wireless programming option
- Anti-tailgating design

### Optional Feature

- Segmented drum accommodates round canopy
- Level III bullet-resistant flat glass



## Visdom Elite® Two-Way

With Anti-Piggyback / Anti-Tailgate Security

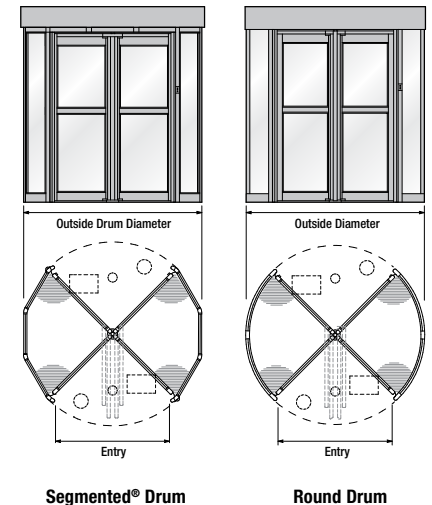
Visdom Elite® prevents two users from entering or exiting on a single presentation. Several modes of operation include card in-card out and card in-free exit and can communicate with card reader systems utilizing an anti-pass back feature.

### Additional Features




- Segmented® or round drum design
- Narrow stile design
- Detects single and multiple people and suspicious activity

### Optional Feature

- Segmented drum accommodates round canopy
- Level III bullet-resistant flat glass



### Selection Guide

Model	Type	Outside Diameter	Segmented® Drum Throat Opening	Round Drum Throat Opening
 <b>ControlFlow™ Two-Way Anti-Tailgating</b>	Four-Wing	6' 3½" to 7' 3½" (1918–2223)	3' 10" to 4' 6¼" (1168–1391)	3' 10⅞" to 4' 7⅝" (1191–1406)
 <b>ControlFlow™ Two-Way Anti-Tailgating Matless</b>	Four-Wing	6' 3½" to 7' 3½" (1918–2223)	3' 10" to 4' 6¼" (1168–1391)	3' 10⅞" to 4' 7⅝" (1191–1406)
 <b>Visdom Elite® Two-Way Anti-Tailgating/Anti-Piggybacking</b>	Four-Wing	6' 3½" to 7' 3½" (1918–2223)	3' 10" to 4' 6¼" (1168–1391)	3' 10⅞" to 4' 7⅝" (1191–1406)

# Manual Revolving Doors



Horton Automatics manual revolving door systems are an energy efficient alternative to automatic revolving door systems. Available in segmented®, round or all-glass configurations.

## Standard Features

- Constant seal helps reduce energy costs
- Segmented® or round drum design\*
- Easily adjustable manual rotation
- Customizable configurations
- Speed control

## Optional Features

- Segmented drum accommodates round canopy

## Applications

- Retail
- Restaurants
- Hotels
- Office Buildings
- Government Facilities
- Schools and Libraries



## EasyFlow™ Manual Revolving Door System

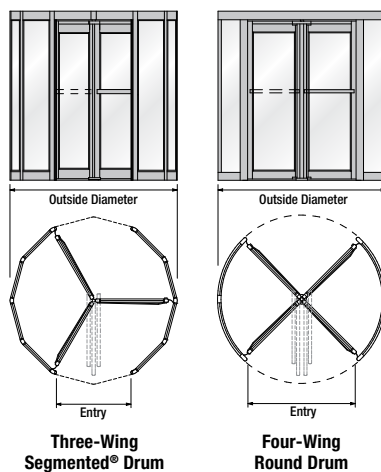
An outstanding choice for energy efficiency along with architectural appeal, the EasyFlow™ series is offered in a variety of configurations to suit any installation requirement. Each system includes Horton's proven mechanical speed control and book-fold hardware for emergency egress.

### Standard Features

- Segmented® or round drum design
- Four standard diameters ranging from six to eight feet
- Curved tempered or laminated wall glass
- Push bars or muntins
- Choice of finishes
- Speed control

### Optional Feature

- Segmented drum accommodates round canopy

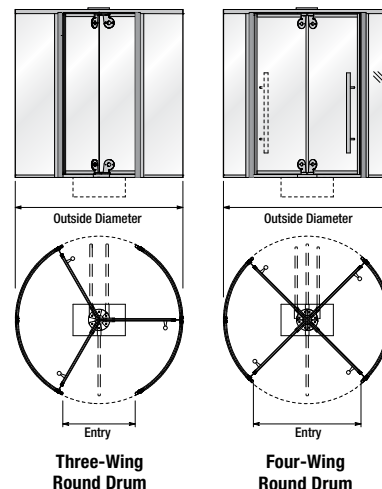


## ClearFlow™ Manual\* All-Glass Revolving Door System

Designed for accentuating high volume traffic applications. Built with a center point design, the ClearFlow™ is ideal for accentuating the inner beauty of a building and is a good alternative to an automatic all-glass system.



### Standard Features

- Round Design
- Available in three or four-wing configurations
- All glass
- Speed control is in ground



\* Consult your local authority's housing jurisdiction before specifying an all glass requirements.

## Selection Guide

Model	Type	Outside Diameter	Segmented® Drum Throat Opening	Round Drum Throat Opening
	Three-Wing	6' 9½" to 8' 3½" (2070–2514)	3' ¼" to 3' 9" (918–1143)	3' ⅛" to 3' 9½" (918–1146)
	Four-Wing	6' 3½" to 8' 3½" (1918–2527)	4' 2½" to 5' 7½" (1280–1724)	4' ¼" to 5' 5¼" (1238–1670)
	Three/Four-Wing	6' ⅞" to 10' ⅞" (1851–3051)	—	4' ⅝" to 6' 10⅞" (1235–2084)

# Quick Reference Guide

AUTOMATIC REVOLVING DOORS									
Model	Number of Wings	Center Design	Drum Design	Outside Diameter	Unit Height	Ceiling Height	Canopy Height	Throat Opening	Persons Per Minute
<b>Grand® 2W</b>	2	Sliding Door	Round	12' 1 $\frac{1}{16}$ " to 16' $\frac{7}{16}$ " (3688 – 4888)	8' 7 $\frac{1}{16}$ " (2640)	7' 6 $\frac{3}{16}$ " (2300)	13 $\frac{3}{16}$ " (340)	5' 10 $\frac{1}{8}$ " to 7' 10 $\frac{1}{8}$ " (1800 – 2400)	80
<b>Grand®</b>	3	Center Core	Segmented® or Round	12' to 16' (3658 – 4877)	9' (2743)	7' (2134)	2' (610)	5' 1 $\frac{1}{8}$ " to 7' 3 $\frac{3}{4}$ " (1565 – 2229)	40
<b>MiniGrand®</b>	3	Center Shaft	Segmented® or Round	11' to 12' (3353 – 3658)	8' (2438)	7' (2134)	1' (305)	4' 7 $\frac{1}{8}$ " to 5' 3 $\frac{3}{4}$ " (1413 – 1619)	40
<b>AutoFlow™</b>	3	Center Shaft	Segmented® or Round	10' 3 $\frac{1}{2}$ " (3137)	8' (2438)	7' (2134)	1' (305)	4' 4 $\frac{3}{4}$ " to 4' 7 $\frac{1}{8}$ " (1340 – 1407)	24
SECURITY REVOLVING DOORS									
<b>ControlFlow™ One-Way</b>	3	Center Shaft	Segmented® or Round	8' 3 $\frac{1}{2}$ " to 10' 3 $\frac{1}{2}$ " (2527 – 3137)	8' (2438)	7' (2134)	1' (305)	3' 4 $\frac{3}{8}$ " to 4' 6 $\frac{7}{8}$ " (1026 – 1394)	36
<b>ControlFlow™ One-Way Airport</b>	3	Center Shaft	Segmented® or Round	12' (3658)	8' (2438)	7' (2134)	1' (305)	5' 1 $\frac{1}{8}$ " to 5' 3 $\frac{3}{4}$ " (1565 – 1619)	36
<b>ControlFlow™ Two-Way Anti-Tailgating</b>	4	Center Shaft	Segmented® or Round	6' 3 $\frac{1}{2}$ " to 7' 3 $\frac{1}{2}$ " (1918 – 2223)	8' (2438)	7' (2134)	1' (305)	3' 10" to 4' 7 $\frac{1}{8}$ " (1168 – 1406)	12
<b>ControlFlow™ Two-Way Anti-Tailgating Matless</b>	4	Center Shaft	Segmented® or Round	6' 3 $\frac{1}{2}$ " to 7' 3 $\frac{1}{2}$ " (1918 – 2223)	8' (2438)	7' (2134)	1' (305)	3' 10" to 4' 7 $\frac{1}{8}$ " (1168 – 1406)	12
<b>Visdom Elite® Two-Way Anti-Tailgating/ Anti-Piggybacking</b>	4	Center Shaft	Segmented® or Round	6' 3 $\frac{1}{2}$ " to 7' 3 $\frac{1}{2}$ " (1918 – 2223)	8' (2438)	7' (2134)	1' (305)	3' 10" to 4' 7 $\frac{1}{8}$ " (1168 – 1406)	12
MANUAL REVOLVING DOORS									
<b>EasyFlow™</b>	3	Center Shaft	Segmented® or Round	6' 9 $\frac{1}{2}$ " to 8' 3 $\frac{1}{2}$ " (2070 – 2514)	Up to 9' Up to (2743)	Up to 9' Up to (2743)	4" or 6" (102 or 152)	3' 1 $\frac{1}{8}$ " to 5' 7 $\frac{1}{8}$ " (918 – 1724)	24
	4	Center Shaft	Segmented® or Round	6' 3 $\frac{1}{2}$ " to 8' 3 $\frac{1}{2}$ " (1918 – 2527)	Up to 9' Up to (2743)	Up to 9' Up to (2743)	4" or 6" (102 or 152)	3' 1 $\frac{1}{8}$ " to 5' 7 $\frac{1}{8}$ " (918 – 1724)	24
<b>ClearFlow™ Manual</b>	3 or 4	Center Pivot	Round	6' to 10' 8" (1829 – 3251)	7' 8 $\frac{3}{16}$ " (2346)	7' 6 $\frac{3}{16}$ " (2300)	1 $\frac{1}{16}$ " (325)	4' 7 $\frac{1}{8}$ " to 4' $\frac{3}{16}$ " (1230 – 1220)	24



## Did You Know?

A 2006 MIT study concluded that revolving doors act as airlocks minimizing a building's heating and air conditioning losses. According to the study, revolving doors generate energy savings up to 74% when compared to other entrance alternatives.



## Setting The Standards For Professional Installation And Service



Horton Automatics brings you the professional support of factory-authorized distributors. Whether your application involves a single automatic operator or a complete facility access and security plan, you can expect all phases of the project to be handled professionally.

All Horton systems are built to exceed applicable quality and safety standards including:

- ANSI standards for pedestrian doors
- ADA requirements for barrier-free entrances
- Compliant to UL 1784 to meet National Fire Protection Association (NFPA) regulations
- National building codes related to emergency exits
- American Testing Laboratory ratings for wind load and forced entry
- CSA, IBC, BOCA, Miami-Dade and other regional requirements
- Listed by Intertek (ETL) for compliance to UL 325 Electrical Door, Drapery, Gate, Louver, and Window Operators and Systems

Call your Horton Automatics distributor today for design, specification and application assistance. Visit [www.hortondoors.com](http://www.hortondoors.com) to find the nearest distributor in your area.

**AAADM** American Association of  
Automatic Door Manufacturers  
**Specify Horton and demand AAADM certified installation.**



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*Horton Automatics is a division of Overhead Door Corporation, an innovative industry leader with many firsts in upward-acting doors and electric openers for residential as well as commercial applications.*

