Door Systems for Health Care
50th Anniversary Edition
Innovative • Elegant • Horton

With the broadest selection of healthcare products in the industry, Horton makes a difference in the patient experience and hospital efficiency.

Hospitals and medical facilities have specialized access needs that drive the toughest building codes. Horton continues to address these needs by developing first-to-market systems such as the self-closing smoke-rated ICU/CCU door systems and the first airborne infection isolation room door that requires no power. Staff as well as patients appreciate design details such as Mini-Blind and Opaque glass for privacy, light control and hygiene. Larger openings for moving beds and equipment are also now possible with the smoke-rated telescoping door system.

All around the facility, Horton systems are creating Grand® revolving door entrances, hard working interior and exterior doorways in swing, slide or folding solutions, and even drive-up convenience with pharmacy windows. Unlimited custom configurations can be planned for any of these areas to differentiate your design.

Product Functions

- Self Closing
- Breakout
- Automatic
- Manual
- ADA
- Smoke Rated
- Security
- Energy Efficient
Standard and Custom Solutions

Overview ................................................ 2–5
Intensive/Intermediate/Critical Care Unit Systems .............................................. 6
Profiler® .................................................. 6
Profiler® Self-Closing ICU ........................ 7
Profiler® Smoke Rated Telescoping ICU ... 7
ICU/CCU Bi-Fold/Bi-Swing™ ...................... 7
Patient Room Systems ................................ 8
Profiler® Sliding Patient Door Systems ... 8
Profiler®-ICU SmokeSwing™ ...................... 8
Negative, Positive, & Combination Pressure Room Systems ......................... 9
Airborne Infection Isolation Systems 2000-IDS ............................................. 9
Self-Closing IDS ........................................ 9
UltraClean™ ............................................ 9
Automatic Entrance Systems — Sliding ...................................................... 10
Elegant™ ................................................ 10
Profiler® ................................................ 11
ProSlide™ Telescoping ............................ 11
ProSlide™ Telescoping ............................ 11
Automatic Entrance Systems — Swinging & Folding .................................... 12
HD-Swing™ ........................................... 12
EasyAccess® .......................................... 13
HD-Swing™ LE ....................................... 13
Custom Swing Door Packages .......... 13
Specialty Operators ................................. 13
FoldingAccess™ ...................................... 13
Automatic Entrance Systems — Revolving & Security ............................... 14
Grand® ................................................ 14
MiniGrand® .......................................... 15
ControlFlow™ ........................................ 15
Security Windows ................................. 15

http://hortondoors.com/literature | 3

What Sets Horton Apart

Rugged Corner Block Construction
Heavy duty rails with integral corner blocks add structural integrity to all Horton door systems. This exclusive mortise-style corner block construction is far superior to mass produced through-bolt doors.

Solid Metal Carriage Frames Reduce Maintenance
Emergency breakout panels are constructed with a heavy duty, solid metal top frame. Better than competitive thin-wall hollow extrusions, this exclusive Horton feature protects the guide wheels and withstands breakout forces that compromise system longevity.

Double Astragal Weather Seals Save Energy
Weather seal material is captured in aluminum extruded astragal that is screw-applied to panel rather than with adhesive as mass produced systems. This creates a positive seal that stands up to wind as well as to the highest traffic conditions.

Custom Finishes To Enhance The Aesthetics Of Your Design
Horton door systems may be specified with powder coat finishes in a wide range of custom colors including wood grain. Thermally cured for toughness, these earth-friendly PVDF coatings* offer superior durability and color retention, even in the harshest environments.

*VOC-free, consistent with your LEED objectives

Robust
Horton’s electromechanical designs deliver years of trouble-free performance with units tested more than 5 million cycles.
Complement your sophisticated design and creativity with Horton’s unparalleled product offering.

- Main Entrances
- Emergency
- Administration
- Intensive Care
- Newborn Intensive Care
- Pediatric Care
- Bariatric Care
- Intermediate Care
- Cardiac Care
- Patient Care
- Surgical Rooms
- Radiology
- Nursery Units
- Corridors
- Pharmacy
- Gift Shop

Intensive/Intermediate/Critical Door Systems

Patients are always in full view through the sliding glass door. The full breakaway feature allows for all panels to swing out of the way providing a large opening for swift removal of patients or equipment.

Negative, Positive and Combination Pressure Room Systems

Available in automatic and mechanical self-closing, these systems provide the option for an architect to address multiple areas where Airborne Infection Isolation Room (AIIR) doors may be needed.

Revo

Turn an ordinary entrance vestibule system. This large entrance easily accommodates...
Service security windows add convenience for drive or walk-up traffic for pharmacies, labs and other areas.

Revolving Door Systems
Entrance into an energy-efficient diameter automatic revolving gates wheelchairs and gurneys.

Patient Room Systems
With the greatest width and clear opening available, these door systems are built with beauty and functionality in mind.

Sliding Door Systems
Our broad offering of sliding doors gives you a wide range of choices to meet your exacting requirements for size, color, finish and security.
Horton Automatics ICU/IMU/CCU sliding system widths range from 7 to 12 feet with door configurations offered in 2, 3, or 4 panel designs for single, biparting, folding or telescoping applications. Narrow, medium and wide stiles are available with the choice of anodized aluminum, paint or clad finishes.

**Standard Features**
- Exclusive high-strength corner block construction
- Rugged breakaway system featuring full-width solid torsion bar assembly to provide superior support in the breakaway position. The only UL listed system in the industry.
- Positive latching handles with modified door nosings, bottom rails and interlock seals

**Applications**
- ICU/IMU/CCU
- Patient Rooms
- Administration

**Specification Key (System Types)**

**Type 010**
- No breakout capability.
- Doors slide to interior of fixed sidelites.

**Type 110**
- Moving panels break out.
- Doors slide to the exterior of fixed sidelites.

**Type 310** (most common specification)
- All panels break out.
- Largest break out area for moving wide objects.
- Doors slide to the interior of fixed sidelites.

**Type 310T** (Telescoping)
- Consult factory for other options

**Profiler™-ICU**
**Standard Package Systems**

Available in standard and custom non-smoke rated configurations, this multi-function system allows the architect greater flexibility in room design. Systems come with a choice of multiple header and threshold configurations.

**Additional Features**
- Single, biparting, telescoping, and slide/swing systems available
- Standard with recessed pull handles or optional positive latching handles available
- Clear opening widths available up to 85”
- Standard packages available with smoke-rated options

**Multi-access design allows moving patients and equipment easily**

**Thin rails allow for greater patient visibility**

**Applications**

- ICU/IMU/CCU
- Patient Rooms
- Administration

To view our new healthcare product video, use your smartphone to access the QR code.
Profiler® Self-Closing ICU
Smoke-Rated Trackless System
This innovative system has an adjustable spring closing mechanism in its slim profile header. It can be applied anywhere without the use of electrical power.

Additional Features
- Available for openings ranging from 7’ to 9’
- Available with a magnet to latch or positive latch
- Clear opening widths up to 44 ¼” with positive latch and 48” with magnet-to-latch
- Available with electromagnet that closes door when the fire alarm is triggered (power required)

Profiler® Smoke Rated Telescoping ICU/CCU
Large Clear Opening System
Available with a smoke-rated label with up to 80 ¼” of clear opening width, this telescoping system allows for easy transfer of patients or medical equipment without the need to breakaway the doors. Offered in widths ranging from 7’ to 12’.

Additional Features
- Up to 78% greater opening width than a standard single slide door system
- Track or trackless configurations
- Low profile header for superior aesthetics
- Exceeds the air leakage requirements of NFPA 105

ICU/CCU Bi-Fold/Bi-Swing™
Multi-Access Combination System
Versatile access of a swing door for normal 2-way traffic and an adjacent folding door dramatically increases the opening up to 6 feet 8 inches for moving patients or medical equipment.

Additional Features
- Available for openings ranging from 6’ to 8’
- Breakout openings up to 83”
- Provides multiple options of use
- Reduces the amount of width needed in an opening without sacrificing clear opening space

Selection Guide

<table>
<thead>
<tr>
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<th>Unit Width</th>
<th>Max. Clear Opening</th>
<th>Type 110 Breakout Opening</th>
<th>Type 310 Breakout Opening</th>
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<tbody>
<tr>
<td>Profiler® ICU</td>
<td>Single Slide</td>
<td>7’ to 9’</td>
<td>3’ 3” to 4’ (914 – 1219)</td>
<td>3’ 3” to 4’ 3/8” (1003 – 1308)</td>
<td>6’ 3” to 8’ 3” (1905 – 2515)</td>
</tr>
<tr>
<td></td>
<td>Biparting</td>
<td>8’ to 16’</td>
<td>3’ 7” to 7’ (914 – 2133)</td>
<td>3’ 7” to 7’ 7” (1092 – 2311)</td>
<td>6’ 9/16” to 11’ 1/8” (2070 – 4508)</td>
</tr>
<tr>
<td></td>
<td>Telescoping</td>
<td>7’ to 12’</td>
<td>3’ 9” to 7’ 1” (1143 – 2159)</td>
<td>—</td>
<td>6’ 1” to 11’ 1” (1854 – 3378)</td>
</tr>
<tr>
<td>Profiler® Self-Closing ICU</td>
<td>Single Slide</td>
<td>7’ to 9’</td>
<td>3’ 4 ¼” to 6’ 8 ¼” (1022 – 2038)</td>
<td>—</td>
<td>6’ 3” to 8’ 3” (1905 – 2515)</td>
</tr>
<tr>
<td>Smoke Rated Telescoping ICU/CCU</td>
<td>Single Slide</td>
<td>7’ to 12’</td>
<td>3’ 4 ¼” to 6’ 8 ¼” (1022 – 2038)</td>
<td>—</td>
<td>6’ 1” to 11’ 1” (1854 – 3378)</td>
</tr>
<tr>
<td>ICU/CCU Bi-Fold/Bi-Swing™</td>
<td>Swing/Folding</td>
<td>6’ to 8’</td>
<td>4’ 8” to 6’ 8” (1422 – 2032)</td>
<td>4’ 11” to 6’ 11” (1499 – 2108)</td>
<td>4’ 11” to 6’ 11” (1499 – 2108)</td>
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</table>
Patient Room Systems

Patient room systems allow the architect and specifier the option to leave doors completely or partially open without the need to break out the doors. These doors are ideal for optimum space utilization and beauty.

**Standard Features**
- Smoke and non-smoke rated systems
- Multitude of sliding and swinging door configurations
- Track or trackless (most systems)
- Wide range of standard or custom widths

“**We are glad to have collaborated with Horton Automatics on the Southwest Washington Medical Center project. Not only did Horton implement an aesthetic and superior design that helped us differentiate our offering, but also met stringent time and quality requirements.”**

Leigh Sutphin
Principal NBBJ – Seattle

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**Profiler® Sliding Patient Corridor Door System**

*Smoke-Rated Corridor Door Design With No Breakout Required*

This surface mounted design allows for a clear opening width up to 58 1/8”. These systems provide greater flexibility to optimize patient room designs.

**Additional Features**
- Available with or without horizontal bars
- Available in narrow, medium and wide stile configurations
- Low profile header for superior aesthetics
- Wide range of sizes available

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**Profiler®-ICU SmokeSwing™**

*Single, Unequal, & Equal Pair Swing Doors*

These smoke-rated systems are ideal for addressing smaller room size opening constraints without sacrificing clear opening space. Available in packages ranging from 3’ 3 1/2” to 8’ 3 1/2”, these systems allow up to 91” of opening area for easy movement of patients and hospital equipment.

**Additional Features**
- Available with mini-blind glass for patient privacy, hygiene and beauty*
- Available with fire-rated panel to accommodate square footage requirements when needed
- Trackless flow design for unobstructed flow and expedient traffic management
- No dust or particle build up**

*Mini-blind glass & fire-rated panels also available for single slide door systems
**Opaque glass is also available (non-smoke rated) for privacy at the flick of a switch

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<tbody>
<tr>
<td>Profiler® P-X or X-P</td>
<td>Single</td>
<td>7’ 6” to 11’ 3/4”</td>
<td>3’ 3/4” to 4’ 10 1/4” (921 – 1492)</td>
</tr>
<tr>
<td>Profiler®-ICU SmokeSwing™</td>
<td>Single, Unequal</td>
<td>5’ 3/4” to 6’ 3/4”</td>
<td>2’ 11/4” to 3’ 11 3/4” (895 – 1200)</td>
</tr>
<tr>
<td></td>
<td>Equal</td>
<td>6’ 3/4” to 8’ 3/4”</td>
<td>4’ 7” to 5’ 7” (1397 – 1702)</td>
</tr>
</tbody>
</table>

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**Partial open for light control in evening hours**

**Full close for maximum privacy and light control when needed**

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[Link: http://hortondoors.com/products/ICUproductslanding]
Critical for meeting the air infiltration requirements for negative, positive and combination pressure isolation rooms, Horton offers two door systems to address these needs. The 2000-IDS is an automatic door system that opens with your choice of knowing act activation such as touchless sensors or push plates. The alternative mechanical self-closing system requires no power.

**Standard Features**
- Self-closing
- Offers up to 48” of clear opening width

**Applications**
- Pediatric Care
- Intensive Care
- Intermediate Care
- Critical Care
- Newborn Intensive Care
- Nursery Unit
- Biohazard Rooms

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**Airborne Infection Control**

*Isolation Room Doors*

Designed to meet the requirements for a negative, positive, and combination pressure room, the Horton 2000-IDS and mechanical self-closing IDS isolation room door systems greatly reduce air leakage and include tested perimeter seals and self-closing devices. These systems are easy to clean and reduce the risk of nosocomial infections. Available in electromechanical or no power self-closing.

**Additional Features**
- Available with or without power
- Trackless configuration
- Can be used as a patient room system when infection containment is not necessary
- Clear opening widths up to 48”

**UltraClean™ Atmospheric Sliding Doors**

Designed to meet ISO 14644-1 Class 3 cleanroom standards, the UltraClean™ Atmospheric is ideal for positive pressure rooms where isolating tightly controlled materials is needed. The system comes available in one or two panel configurations with multiple activation options including push plate, pull chain or an overhead motion sensor.

**Additional Features**
- Available with a 4” by 6” header in single linear drive header
- Trackless configuration
- Available with explosion proof operator
- Clear openings widths up to 48”

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**Did You Know?**

*In the United States, there is a -2.5 Pascal negative pressure differential requirement and in Canada, -8.0 Pascal for airborne infection isolation rooms.*

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<th>Type 110 Breakout Opening</th>
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</tr>
</thead>
<tbody>
<tr>
<td>AIR</td>
<td>2000-IDS</td>
<td>7’ to 9’ (2134 – 2743)</td>
<td>3’ to 4’ (914 – 1219)</td>
<td>—</td>
<td>6’ 3” to 8’ 3” (1905 – 2515)</td>
</tr>
<tr>
<td></td>
<td>Self-Closing IDS</td>
<td>7’ to 9’ (2134 – 2743)</td>
<td>3’ to 4’ (914 – 1219)</td>
<td>—</td>
<td>6’ 3” to 8’ 3” (1905 – 2515)</td>
</tr>
<tr>
<td>UltraClean™</td>
<td>Single Slide</td>
<td>7’ to 9’ (2134 – 2743)</td>
<td>3’ to 4’ (914 – 1219)</td>
<td>3’ 3/4” to 4’ 3/4” (1003 – 1308)</td>
<td>—</td>
</tr>
</tbody>
</table>
Engineered specifically to meet the 24/7 access demands of medical facilities, Horton offers an industry leading range of sliding door entrance systems, all designed for ultimate dependability. At the heart of these hard working systems is the Horton operators with powerful ¼ or ½ HP motors and full microprocessor control with digital displays that make it convenient to keep the systems operating properly and trouble-free.

**Series 2000 Linear Drive Operator**

**Series 2000B Elite Drive Operator**
- Superior aesthetics
- Panels up to 250 lbs
- Supplied with Profiler® and ProfilerStorm™ linear drive and belt drive door systems
- Slim 4" x 6" flush to jamb header
- Durable stainless steel drive shaft with linear clutch action drive block or belt drive

For Type 010, 110 or 310 installations

**Series 2003 Belt Drive Operator**
- Panels up to 250 lbs
- Supplied with ProSlide® and ProSlide® Telescoping door systems
- Durable 6" x 6" header
- ½" steel reinforced neoprene belt

For Type 110 or 310 installations

**Series 2001 Belt Drive Operator**
- Heaviest panels to 300 lbs (bipart) or 500 lbs (single slide)
- Supplied with Elegant™ HD-Slide®, HD-Storm™ and other custom door systems
- Heavy duty 6" x 8" header
- 1" reinforced neoprene belt

For Type 110 or 310 installations

*For additional information on our heavy duty and hurricane product lines, please use your smart phone and click here or go to www.hortondoors.com*

**Did You Know?**

Horton door systems were used throughout the 2010 Winter Olympics facilities in Vancouver. From the athlete’s village to doping control rooms, Horton’s slide and swing doors were used in various architectural designs adding elegance and functionality to this world sports venue.

*Horton’s leading edge products allow Automatic Door Enterprises a great deal of latitude in providing custom solutions to complex projects such as Paoli and Lankenau Hospitals.”*

John Kwartnik
Automatic Door Enterprises – Philadelphia
ProSlide™
Large Heavy Duty Header Design
For Standard Facilities
Ideal for high traffic applications, this heavy duty system is engineered to provide long life and quiet operation.

Drive Mechanism
Series 2003 belt drive operator

Additional Features
• Heavy duty design
• Custom manufactured to your opening requirements
• Advanced microprocessor controls with built-in diagnostics
• Up to 84” of clear opening

ProSlide™ Telescoping
Large Net Slide Opening Design
For Smaller Spaces
This system is ideal for automatic sliding door access in narrow passageways, effectively increasing the opening width more than 35 percent. Available in single or bi-parting configurations.

Drive Mechanism
Series 2003 belt drive operator

Additional Features
• Heavy duty design
• Ideal for emergency room vestibules
• Available with muntin bars
• Clear opening widths up to 105 3/4” available
Automatic Entrance Systems  Swinging & Folding


Whether for new construction or an existing health care facility, Horton Automatics swing and folding door systems provide a full range of solutions for ADA compliant handicap or high traffic automatic access. These systems come standard with AAADM certified installation.

Swing Operator Features
Series 4000 and Series 7000 Operators
- Adjustable opening and closing speeds
- Adjustable time delay closing (2–30 seconds)
- Push-N-Go® activation for door opening assistance
- SoftTouch® reverses the door to the open position if it is stopped during closing
- Obstruction sensing reduces opening speed when obstructed

Options
- Single, pair or double egress door operation
- Choice of in-swing, out-swing, left or right hand configurations
- Available as surface applied operator or overhead concealed package complete with door and frame
- Available for folding door configurations

Applications
One-Way or Two-Way Traffic
- Entrances
- Corridors
- Fire Doors
- Patient Rooms

HD-Swing™
Heavy Duty Operator
Available in our widest range of configurations, the Series 4000 operator is ideal for a number of health care uses.

Additional Features
- Choice of header models for surface applied or overhead concealed installations
- Preset for left or right hand operation and easily field modified if desired
- Simple adjustments for low energy handicap or high traffic applications
- Single acting spring always returns door to a closed position, with adjustable speed and force
- Compatible with all electrical or mechanical hardware

Series 4000 HD-Swing™ heavy duty operator with custom finish
EasyAccess®
Low Energy ADA Compliant Handicap Operator

The Series 7000 operator is ideal for new or converted barrier-free openings per ANSI A117.1 & A156.19 (ADA).

Additional Features
- Automatic opening with knowing act activation
- Easily adjustable opening and closing speeds
- Surface applied mounting
- Push-N-Go® feature, SoftTouch® reversing and obstruction sensing
- Available in 4” x 6” or 6” x 6” side access headers
- Compatible with all electrical or mechanical hardware

Did You Know?
Sometimes operators for interior applications are placed in the wrong section of the Master Specification. Placing operators in sections 08 42 29.33 or 08 71 13 rather than 08 06 71 or 08 71 00 ensures that an AAADM certified installation occurs.

Other Swing Door Packages
Custom Application Swing Closer

Package includes overhead concealed hydraulic closer with frame and center-pivoted doors. Doors are double-acting and can be right or left hand. This package is often used in multiple door installations where a manual swing door is located next to automatic sliding or revolving doors.

Specialty Operators
Super Duty Swing Door Operator

The opening and closing force provided by the Series 4700 surface applied operator is adjustable and delivers substantial torque at the output shaft. With its powerful motor, this operator can operate extremely heavy doors (up to 1500 pounds) such as hospital X-ray lead-lined or storage vault systems.

Additional Features
- Heavy duty drive for taller and heavier doors
- Choice of in-swing, out-swing, left or right handed
- Applicable for surface applied or overhead concealed configurations
- Available in 4 1/2” x 6” bottom access or 6” x 6” side access header
- Compatible with all electrical or mechanical hardware

HD-Swing® LE
Universal Low Energy ADA Compliant & Heavy Duty Operator

The Series 4000LE is ideal for use with large, heavy doors required to meet ANSI A117.1 & A156.19 ADA requirements as well as high traffic hospital corridor environments.

Additional Features
- Heavy duty drive for taller and heavier doors
- Choice of in-swing, out-swing, left or right handed
- Applicable for surface applied or overhead concealed configurations
- Available in 4 1/2” x 6” bottom access or 6” x 6” side access header
- Compatible with all electrical or mechanical hardware

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<th>Unit Width</th>
<th>Maximum Clear Opening</th>
<th>Maximum Breakout Opening</th>
</tr>
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<tbody>
<tr>
<td>Single</td>
<td>3 8” x 4</td>
<td>2 8” to 3</td>
<td>2 11” to 3 3”</td>
</tr>
<tr>
<td></td>
<td>(2 panels)</td>
<td>(1118 – 1219)</td>
<td>(813 – 914)</td>
</tr>
<tr>
<td>Pair</td>
<td>6” x 8”</td>
<td>4 4” to 6 4”</td>
<td>4 11” to 6 11”</td>
</tr>
<tr>
<td></td>
<td>(4 panels)</td>
<td>(1829 – 2438)</td>
<td>(1321 – 1930)</td>
</tr>
</tbody>
</table>

FoldingAccess™
Narrow Corridor Folding Door

Ideal for vestibules and hospital corridors that require wide openings in a narrow space. Each FoldingAccess™ package includes Vista® sensing technology for full automatic operation. The system may also be specified for manual operation.

The folding design incorporates the built-in safety of emergency breakout and a low closing force of less than 15 lbs. Available with magnetic lock and panic hardware.

Additional Features
- Emergency breakout
- Finger guards at all hinge points
- Accommodates 1 or 2 way traffic
- Also available in manual opening styles for ICU applications
- Compatible with all electrical or mechanical hardware

Did You Know?

“I just want to say thank you very much for your automatic doors! I am in a wheelchair and your doors simplify my life incredibly.”

Briony Chisholm
Cape Town, South Africa
Horton Grand® and MiniGrand® revolving door systems are ideally suited to the traffic requirements of health care facilities. They offer impressive architectural appeal, generous openings and the extra advantage of a constant seal for energy efficiency and LEED credits.

**Standard Features**
- Easily customized with special finishes, metal cladding, roof panel designs, lighting, Segmented® or round wall design as well as extended canopies
- Smooth, quiet operation with emergency egress panels
- Constant seal reduces drafts and helps control energy costs

**Applications**
- Main Entrances
- Emergency

**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.

**Additional Features**
- Segmented® or round design
- Smooth, continuous rotation
- Auto rotation with VistaScan™*
- Customizable voice enunciator
- StormLock™** feature for high wind and stack pressure conditions

**Selection Guide**

<table>
<thead>
<tr>
<th>Outside Diameter</th>
<th>Segmented® Drum</th>
<th>Round Drum</th>
</tr>
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<tbody>
<tr>
<td>Entry + 3-Wing</td>
<td>Entry + 3-Wing</td>
<td>Entry + 3-Wing</td>
</tr>
<tr>
<td>12’ (3658)</td>
<td>5’ 3¾” (1619)</td>
<td>5’ 1¼” (1565)</td>
</tr>
<tr>
<td>14’ (4267)</td>
<td>6’ 3¾” (1924)</td>
<td>6’ 1¼” (1870)</td>
</tr>
<tr>
<td>16’ (4887)</td>
<td>7’ 3¾” (2229)</td>
<td>7’ 1¼” (2175)</td>
</tr>
</tbody>
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*VistaScan™ slows or stops doors in motion when objects are within 8 to 12 inches of the door wings
**StormLock™ prevents doors from breaking out unless initiated by human intervention

**Estimate the Energy Savings Online**

Determine the energy savings, CO₂ emissions, and payback of using Horton revolving doors!

Compare the energy savings of using a revolving versus a swing and/or slide door system. Also see how much a revolving door reduces carbon dioxide emissions and provides rapid return on investment.

To use the calculator, visit hortondoors.com/EnergySavingsCalculator.aspx.

**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.

**Additional Features**
- Segmented® or round design
- Smooth, continuous rotation
- Auto rotation with VistaScan™*
- Customizable voice enunciator
- StormLock™** feature for high wind and stack pressure conditions

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</table>

*VistaScan™ slows or stops doors in motion when objects are within 8 to 12 inches of the door wings
**StormLock™ prevents doors from breaking out unless initiated by human intervention
**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.

**Additional Features**
- Segmented® or round drum design
- Smooth continuous rotation
- Auto rotation with VistaScan™
- Magnetic locks available for high wind and stack pressure conditions

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**ControlFlow™**

Automatic Security Door Systems

Available in a choice of 1 or 2 way card access, these systems have a number of options for security including Level III bullet resistant glass, Visdom HS® advanced 3D anti-piggybacking/anti-tailgating prevention sensors and overhead sensors in place of mats (two way only).

**Additional Features**
- Segmented® or round drum design
- Wireless programming options
- Customizable voice enunciator
- Magnetic breakaway for emergency egress

**1-Way**

- Outside Diameter
- Entry
- Slow Speed Switch
- Inside Diameter

**2-Way Card Access**

- Outside Diameter
- Entry
- Slow Speed Switch
- Inside Diameter

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**Security Windows**

Automatic • Security • Manual

Specified for hospital drive-through pharmacies, labs, supply rooms and other secure interior areas, these windows can be equipped with transaction drawers, bullet resistant glass, a choice of counter tops and other custom features.

**Standard Features**
- Fully assembled for easy installation
- Auto-close and reverse-on-contact functions
- Maximum security locks
- Manual or automatic packages

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**Selection Guide**

<table>
<thead>
<tr>
<th>Window / Unit Type</th>
<th>Size</th>
<th>Slide Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Panel – Security</td>
<td>50½”</td>
<td>20½” (521)</td>
</tr>
<tr>
<td>O-X/O-X or X-O/X-O</td>
<td>(1276)</td>
<td>(406 to 521)</td>
</tr>
<tr>
<td>With synchronized interlocking slide panels</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**Selection Guide**

<table>
<thead>
<tr>
<th>Outside Diameter</th>
<th>Entry - 3 Wing</th>
<th>Entry - 3 Wing</th>
</tr>
</thead>
<tbody>
<tr>
<td>11’ (3333)</td>
<td>4’ 3½” (1467)</td>
<td>4’ 7½” (1413)</td>
</tr>
<tr>
<td>12’ (3660)</td>
<td>5’ 3½” (1819)</td>
<td>5’ 1½” (1565)</td>
</tr>
</tbody>
</table>

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**Selection Guide**

<table>
<thead>
<tr>
<th>Inside Diameter</th>
<th>Entry - 3 Wing</th>
<th>Entry - 3 Wing</th>
</tr>
</thead>
<tbody>
<tr>
<td>8’ (2438)</td>
<td>3’ 4½” (1026)</td>
<td>3’ 6½” (1089)</td>
</tr>
<tr>
<td>9’ (2743)</td>
<td>3’ 10½” (1178)</td>
<td>4’ ½” (1241)</td>
</tr>
<tr>
<td>10’ (3048)</td>
<td>4’ 4½” (1330)</td>
<td>4’ 6½” (1394)</td>
</tr>
</tbody>
</table>

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**Selection Guide**

<table>
<thead>
<tr>
<th>Inside Diameter</th>
<th>Entry - 3 Wing</th>
<th>Entry - 3 Wing</th>
</tr>
</thead>
<tbody>
<tr>
<td>6’ (1829)</td>
<td>3’ 10” (1168)</td>
<td>3’ 10½” (1191)</td>
</tr>
<tr>
<td>6’ 6” (1981)</td>
<td>4’ 2½” (1280)</td>
<td>4’ 3½” (1299)</td>
</tr>
<tr>
<td>7’ (2134)</td>
<td>4’ 6½” (1391)</td>
<td>4’ 7½” (1407)</td>
</tr>
</tbody>
</table>

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Manual revolving door systems are also available for alternate entrances that feature glass ceilings and elegant door panels to add drama along with function.

Setting the Standards for Professional Installation and Service

Horton Automatics brings you the professional support of factory-authorized independent 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
- 1990 ADA requirements for barrier-free entrances
- Tested 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 to find the nearest distributor in your area.

Did you know?

Access issues and properly maintained door systems are now an important component of JCAHO* inspections? Ask your Horton Automatics distributor to provide regular preventive maintenance that will help assure swift approval on this portion of your accreditation.

*Joint Commission on Accreditation of Healthcare Organizations

Quick Response (QR) Codes for your Smart Phone

Website
Design Catalog
Healthcare Product Video
Roving Door Video

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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.