

The Genuine. The Original.



Knock & Lock®

The flexible, efficient dock door solution

The self-resetting breakaway bottom sections
eliminate downtime and door repairs

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Higher Productivity. Increased Durability. Affordability.

Knock & Lock® is the industry's only self-resetting, impact-resistant dock door.

Knock & Lock® also offers a rugged, puncture-resistant interior skin and steel exterior for years of reliable service.

Knock & Lock® is designed to provide increased productivity, energy-efficiency and security, and it costs significantly less than a complete breakaway door, making it the perfect solution for facility managers and architects.

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Knock & Lock® is the industry's only break-away door system that resets itself and continues operating after impact. Knock & Lock® eliminates the costs of downtime, door repairs and door replacements, making it an ideal choice for any dock environment.



Knock & Lock® Advantages

The Knock & Lock self-resetting impact resistant breakaway door system is designed to increase productivity by eliminating costly downtime, door repairs and replacements to keep your facility operating smoothly and efficiently. Knock & Lock is ideal for both new construction and retrofit applications. It features:

- The automatic reset keeps your doors operating after impact to eliminate downtime and associated costs
- Breaks away with little force for system longevity
- Single/dual panel breakout (breaks in and out) for additional impact-resistance and door system durability
- Puncture-resistant interior skin and steel exterior for durability and longevity
- Polystyrene insulation in every section with an R-value of 8.56 for energy-efficiency
- Dual slide locks standard on each section for extra security
- Windload up to 48.3 psf (depending on section width) is standard on all door sizes to satisfy application requirements in a variety of environmental conditions
- Can be field-painted with latex paint to complement the look of your facility
- 2" rollers for smooth operation
- 3" roller option for additional durability in demanding, high traffic volume applications
- Available in 6'2", 8'2", 9'2", 10'2", 11'2", 12'2" and 16'2" section widths and in 24" and 21" section heights to satisfy a wide variety of applications



Performance and Durability

Knock & Lock is designed to provide reliable performance for many years and is backed by an industry-leading warranty:

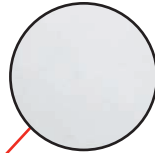
- 10-year retractile cord warranty
- 10-year puncture warranty

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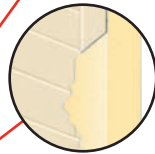


Puncture-resistant Interior Skin

For durability and longevity

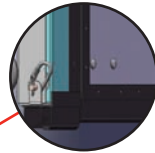
Dual Slide Lock

Two locks are standard on each section for additional security



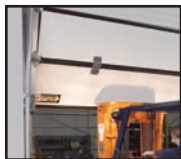
Two Inch Thick Polystyrene Foam Core

Absorbs and disperses impact energy for additional durability and higher productivity. Provides an R-value of 8.56 for energy efficiency



Full Perimeter PVC Weatherseal

Helps prevent thermal loss and provides a barrier against the entrance of insects, vermin and debris



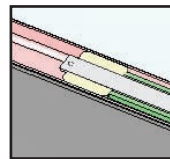
Sections Break In And Out

For durability, versatility and convenience



Self-resetting Retractable Cord

Eliminates downtime



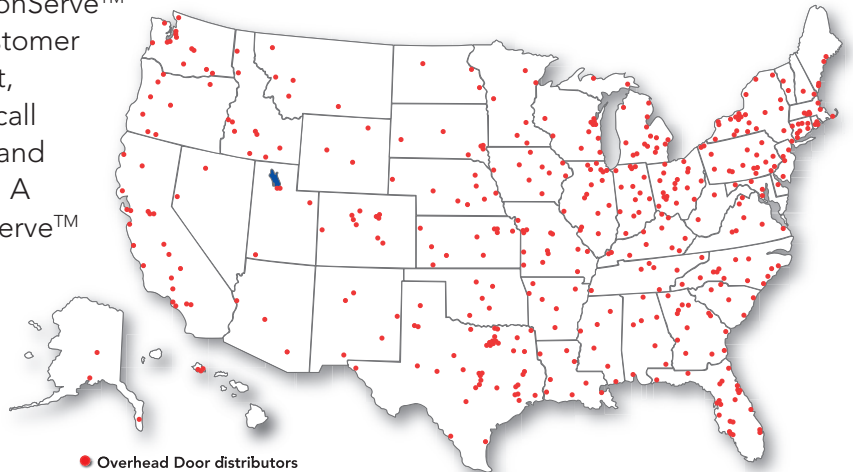
Pivot Pins / No Center Hinge

Sections swing freely without transferring impact energy to intermediate panels, for extra durability and higher productivity

Service That Keeps You Rolling

For Overhead Door Corporation, maximizing your uptime is important. That's why every Overhead Door-branded product is backed by NationServe™ – our exclusive "One Call Does It All" customer service program and your passport to fast, professional service. The NationServe™ call center is staffed by trained professionals and is available 24 hours a day, 7 days a week. A single call to (800) 935-4745 puts NationServe™ and our distribution network at your immediate disposal.

- Same-day service for emergency calls
- Service within 24 hours for non-emergency calls
- A follow-up call within 48 hours
- A detailed service report customized to your requirements



Your One-Stop Source for High-Traffic and Industrial Door Systems

Overhead Door Corporation offers a complete line of commercial and industrial door and operator systems through a number of divisions:



- Horton Automatics (www.hortondors.com) for automatic slide doors for commercial, clean room and industrial applications; manual sliding doors for health care settings; automatic swing doors, folding doors and operators; revolving doors; pass-through windows; APM transit doors; and security doors.
- Overhead Door Corporation (www.overheaddoor.com) for commercial and rolling steel doors, service doors, security grilles, and high-performance traffic doors.

Recommended Commercial Operators

Model RMX

Model RMX is our newest, most advanced medium-duty operator. It is designed for quicker installation and hassle-free operation and operates doors up to 16' (4877 mm) in height and 620 pounds (282 kg). It is available as a trolley-type or side-mounted unit.



UL Listed Standard Voltages
1/2 HP 115VAC single phase
230VAC single phase

Model SEL+

Model SEL+ is designed to operate doors up to 18' (5486 mm) in height and 850 pounds (386 kg). It is available as a trolley-type or side-mounted unit.



UL Listed Standard Voltages
1/3 HP, 115VAC single phase
1/2 HP, 115/230VAC single phase
208-230/460VAC three phase

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SPECIFICATIONS

PART 1 - GENERAL

1.01 Related documents:	<ul style="list-style-type: none">• All of the Contract Documents, including General and Supplementary Conditions and Division 1 General Requirements, apply to the work of this Section.
1.02 Summary:	<ul style="list-style-type: none">• The work described in this section includes manufacturing, delivery and installation of Knock & Lock® Breakaway Door Systems.• Related Sections: Other specification sections which directly relate to the work of this section include, but are not limited to, the following:<ul style="list-style-type: none">Section 05500 – Miscellaneous Metal; metal framing and supportsSection 08710 – Finish Hardware; key cylinders for locksSection 09900 – Painting; field paintingSection 16100 – Electrical; wiring
1.03 References:	<ul style="list-style-type: none">• Applicable standards; standards of the following, as referenced herein:<ul style="list-style-type: none">American Society for Testing and Materials (ASTM)
1.04 Submittals:	<ul style="list-style-type: none">• Product Data: Submit manufacturer's product data and installation instructions for each type and size of Knock & Lock® Breakaway Door System. Include operating instructions, maintenance information and complete information describing the operating system including instructions.• Shop Drawings: Submit shop drawings for prior approval to fabrication. Include detailed plans, elevations, details of framing members, required clearances, anchors, and accessories. Include relationship with above materials.
1.05 Quality assurance:	<ul style="list-style-type: none">• Manufacturer: Knock & Lock® Breakaway Door Systems shall be manufactured by a firm with a minimum of five years experience in the fabrication and installation of sectional doors. Manufacturers proposed for use, which are not named in these specifications, shall submit evidence of ability to meet performance and fabrication requirements specified and include a list of five projects of similar design and complexity completed within the past five years.• Installer: Installation of Knock & Lock® Breakaway Door Systems shall be performed by an authorized representative of the manufacturer.• Single-Source Responsibility: One manufacturer shall furnish through its authorized representative, each Knock & Lock® Breakaway Door System as a complete unit as well as any doors, tracks, hardware, motors and accessories for each type of door. Secondary components may be provided from an approved secondary source if acceptable to manufacturer of primary components.• Pre-Installation Conference: Schedule and convene a pre-installation conference just prior to commencement of field operations to establish procedures, maintain optimum working conditions and coordinate this work with related and above work.
1.06 Delivery, storage and handling:	<ul style="list-style-type: none">• Deliver materials and products in labeled protective packages. Store and handle in strict compliance with manufacturer's instructions and recommendations. Protect from damage caused by weather, excessive temperatures and construction operations.
1.07 Warranty:	<ul style="list-style-type: none">• Manufacturer shall warrant:<ul style="list-style-type: none">Door panel interior skin constructed of Valtra® for a period of ten (10) years.Panel retractile cord for a period of ten (10) years.Door panel, hardware and exterior for a period of two (2) years.Manufacturer shall warrant against defects in material and workmanship for two (2) years from date of installation.Manufacturer shall warrant labor for one (1) year from date of installation.

PART 2 - PRODUCTS

2.01 Acceptable manufacturer:	<ul style="list-style-type: none"> Provide Knock & Lock® Breakaway Door Systems by Overhead Door Corporation, Dallas, Texas; telephone (800) 887-3667 or (800) 275-3290.
2.02 Overhead Door Knock & Lock® breakaway sectional door system:	<ul style="list-style-type: none"> Trade Reference: Knock & Lock® Breakaway Door System by Overhead Door Corporation Breakaway Door System Panel Assembly: Metal/Valtra® interior skin with insulation/metal sandwich panel construction, with: <ul style="list-style-type: none"> <u>Interior Panel:</u> <ul style="list-style-type: none"> Valtra® rubber modified styrenic copolymer (with tensile strength of 4500PSI). Can be stretched at room temperature to 55% of its dimension without breaking. Standard panel color is white. <u>Panel Breakaway Design:</u> <ul style="list-style-type: none"> Panel shall not engage roller assembly to activate breakaway feature. Panel shall not require any manual force to reposition the roller assembly on track or to reset the panel. <u>Exterior Panel:</u> <ul style="list-style-type: none"> Panels consist of painted galvanized steel. Panel color is to be white. <u>Wind Load Design:</u> <ul style="list-style-type: none"> Panel shall withstand a maximum wind load pressure of up to 48.3 psf. <u>Panel Structure:</u> <ul style="list-style-type: none"> Each panel envelops an upper and lower structurally reinforced PVC square tube with additional 20-gauge steel stiffeners. <u>Panel Insulation:</u> <ul style="list-style-type: none"> Complete 2" thick panels have insulation rating of R-8.56. The panel insulation is comprised of a highly efficient thermal insulation composed of a rigid polystyrene foam core. <u>Seals:</u> <ul style="list-style-type: none"> Door seals are to be a highly durable PVC material to seal the perimeter of the door. Upper and lower edge seal to be comprised of a loop and single-flap seal configuration. Side panel seals to be comprised of a single flap configuration. <u>Locks:</u> <ul style="list-style-type: none"> Panels shall feature dual slide locks as standard equipment.

PART 3 - EXECUTION

3.01 Preparation:	<ul style="list-style-type: none"> Take field dimensions and examine conditions of substrates, supports and other conditions under which this work is to be performed. Do not proceed with work until unsatisfactory conditions are corrected.
3.02 Installation:	<ul style="list-style-type: none"> Consult installation manual prior to and during installation. Install door panel and operating equipment complete with necessary hardware and supports in accordance with manufacturer's product data and as specified herein. Secure panel to hinges, plumb, level and true to line. Anchor hinges at spacing required. Provide additional support as necessary for attachment of panel. Instruct owner's personnel in proper operating procedures and maintenance schedule.
3.03 Adjusting and cleaning:	<ul style="list-style-type: none"> Test sectional doors for proper operation and adjust as necessary to provide proper operation without binding or distortion. Touch-up damaged coatings and finishes and repair minor damage to door panel, hardware and operators. Clean exposed surfaces using non-abrasive materials and methods recommended by manufacturer of material or product being cleaned.

The Service and Support You Need – When You Need Them

When you select an Overhead Door product, you get more than advanced product design and manufacturing superiority – you get unmatched support and faster response through our nationwide network of nearly 500 certified Ribbon Distributors. For over four generations, Ribbon Distributors have provided the industry's single-source solution for commercial and industrial door and operator systems specifically designed for integrated applications. From design and application consulting to installation and ongoing maintenance, Overhead Door Ribbon Distributors give you the service and support you need — when you need them.

Industry-leading Warranty



Knock & Lock® doors are guaranteed through a 10-year retractile cord and puncture limited warranty. See complete warranty terms for details.

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2501 S. State Hwy.121, Suite 200
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800-929-DOOR
800-275-3290

www.OverheadDoor.com



Complies with UL 325
as of manufactured date.
FCC Certified.

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