



DYNACO S-741 RUBBER DOOR

**Gravity
driven**

low friction technology

exterior door



DYNACO S-741 RUBBER DOOR

The DYNACO S-741 High Performance Door is specifically designed for exposed, exterior openings where reliability and performance is critical to maintaining maximum workflow, environmental control, safety and efficiency.

This door has a durable rubber curtain with industry-best perimeter sealing and edge retention, giving it the ability to withstand intense static wind loads. An optional wind bar helps drive the S-741 door through high operational wind loads.

For unmatched safety, you get a break-away feature for horizontal impacts, a wireless edge sensor to reverse the door in case of vertical impact and the option of photocells or a light curtain to detect obstructions.

■ SUPERIOR SEAL MEANS PERFORMANCE UNDER EXTREME PRESSURE

Our patented continuous wind-lock sealing system handles positive and negative air pressure differences. The optional guide gussets help it withstand high static wind pressure. For high operating wind load, a traveling wind bar is available for the drive or non-drive side.

■ DURABLE RUBBER CURTAIN FOR EXTERIOR OPENINGS

The quarter-inch thick rubber curtain is composed of two-layer SBR or EPDM with safety stripes on both sides. Windows are also available.

■ BREAKAWAY BOTTOM BAR REDUCES IMPACT

In the event of accidental impact, the bottom beam will give to reduce damage to vehicles. The curtain may release from the side guides, but can be reset quickly without special tools.

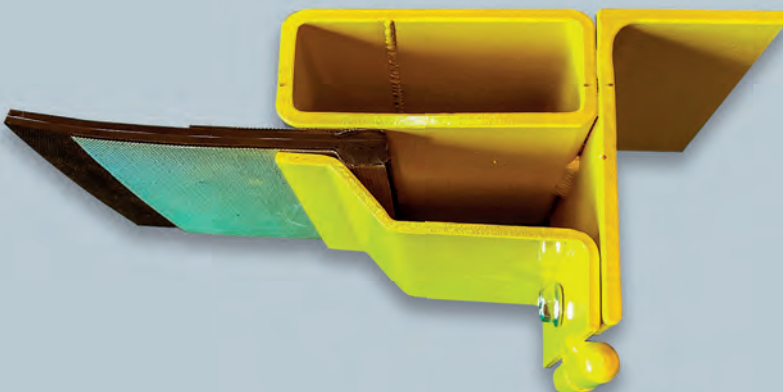
■ INDUSTRY LEADING DRIVE AND CONTROL

Springless, direct drive powertrain, controlled by an industrial grade, modular design DYNALOGIX II control system (with fully sealed absolute encoder and variable frequency drive), means smooth, consistent operation where productivity, reliability and safety are paramount.

■ LIFETIME CURTAIN WARRANTY

Durable SBR (Styrene Butadiene Rubber) curtain fabric comes with a limited lifetime warranty on manufacturing defects.

Side Guide



Traveling Wind Bar



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SPEED OF WORK

With opening speeds up to 60" per second, the DYNACO S-741 provides industry leading energy savings, environmental control and workflow productivity..

SAFETY FEATURES THROUGHOUT

A breakaway bottom bar reduces damage in the event of a lateral impact. A wireless sensor on the bottom of the door detects obstructions when closing and reverses the door. Photocells are standard and a light curtain is optional to prevent closing when the doorway is in use.

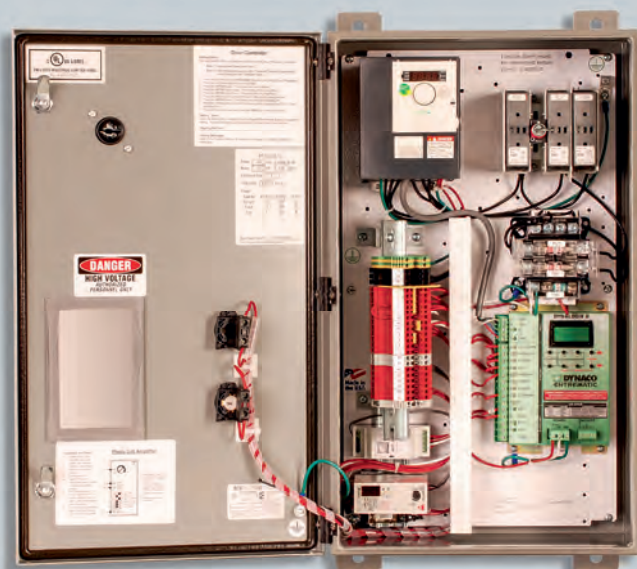
TECHNICAL SPECIFICATIONS

Door Dimensions	Minimum: 8' W x 8'H Maximum: 24'W x 20'H
Operating Speed	Up to 60" per second open Up to 24" per second closing
Safety Features	Wireless bottom edge sensors, no coil cords. Photocells standard; light curtain optional.
Door Panel	SBR rubber panel: 2 layers of Styrene Butadiene Rubber (SBR) with polyester cord center. Breaking strength 1100lbs/in/ply. Available in black color. EPDM rubber panel optionally available in blue or gray color. MSHA flame resistant panel optionally available in black.

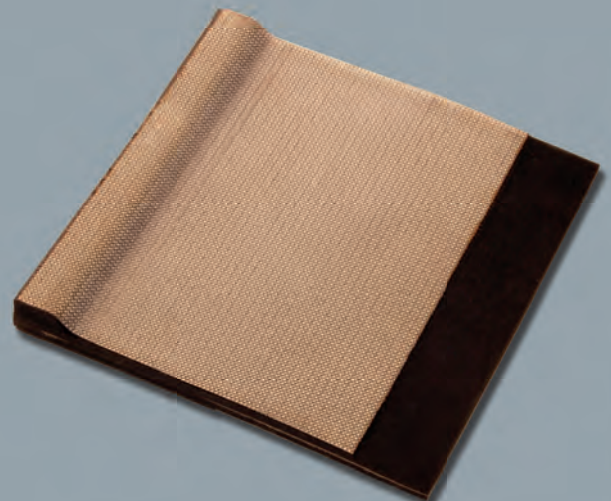
TECHNICAL SPECIFICATIONS

Door Components	Springless system direct drive unit. Hinged side frames structural steel tube painted yellow. Idler 4.5" diameter steel tube. Drive drum 8 5/8" diameter steel tube. Complying with ASTM A513. Steel bottom bar with breakaway design.
Control and Drive System	UL approved control system housed in NEMA 4/12 enclosure. DYNALOGIX II controller with variable frequency drive and high resolution encoder. Voltage: 3 phase 208-240 VAC, 480 VAC, 575VAC. Motor 3.35HP, 3ph, 60Hz. Protection degree NEMA 3.
Panel Options	Standard: yellow safety stripes on both sides. Optional: 10" x 18" rounded corner windows in even quantities.

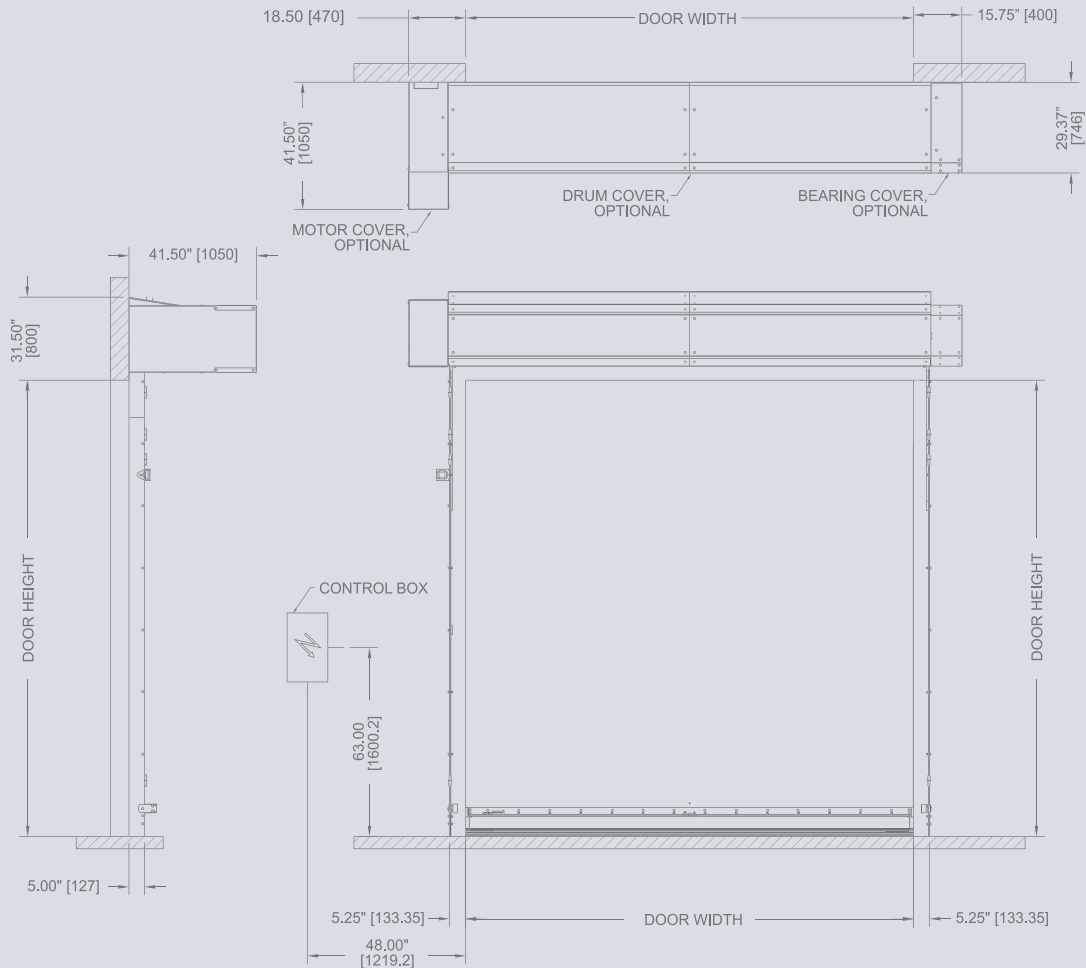
DYNALOGIX II Control system



.25" thick SBR fabric



Dimensions and installation requirements DYNACO S-741 RUBBER DOOR



All indicated dimensions are minimum space requirements for installed door.

Note: Based upon individual environmental safety considerations, extra safety components such as push buttons, detectors and covers may be required.

Founded in 1987, the Dynaco brand has a strong heritage and a wealth of expertise in high performance doors. Dynaco is committed to achieving excellence in quality and performance through a certified and dedicated network of partners, providing outstanding service to our customers.

Dynaco offers a comprehensive range of products for industrial, commercial, and institutional applications. Built on nearly 200 years of accumulated expertise, Dynaco is the preferred partner of distributors and the number one choice of end user customers, providing innovative products, technical expertise and a portfolio of industry-leading brands.

The Dynaco products are protected by worldwide registered patents. As part of its policy of continuous product development, Dynaco reserves the right to change the characteristics of its products or components without prior notice.

Disclaimers: For a correct use of our products, please refer to our manual. Everything that is mentioned in this brochure is only valid under the terms of use in the user manual and on condition that the door was properly installed and maintained and has not undergone abuse nor neglect.

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