



DYNACO D-311 SLIMLINE HIGH PERFORMANCE DOOR

**Gravity
driven**

low friction technology



interior door

DYNACO D-311 SLIMLINE HIGH PERFORMANCE DOOR

The DYNACO D-311 Slimline door is designed for interior applications. The small footprint and the tight perimeter seal, make this door the perfect fit for any working environment providing a high-tech, safe and aesthetically pleasing door. Our specially modified bead system provides a quiet and virtual maintenance free operation. The patented Low Friction technology, combined with a frequency inverter driven motor assures a smooth operation.

■ DOOR OPERATION

Gravity driven with unique Low Friction technology. Door operates without damage prone, wind stiffeners and bottom bars.

■ SEALING

DYNACO's Slimline door series incorporates patented bead technology for ultra tight, ultra smooth and ultra quiet operation. The Slimline seal provides superior sealing for interior environments. Combined with the spin tight top seal and the bottom loop seal the door provides a virtual airtight seal on all four sides.

■ SAFETY ENGINEERED

DYNACO doors have proven to be the safest in the industry. Each door panel comes standard with a unique soft curtain, which prevents many hard edge accidents. In addition, the doors use infrared sensors in the door frame, which immediately reverse the door when sensing an object in the doorway. The combination of advanced electronic systems and soft edge technology prevent 4 types of accidents associated with hard edge doors. Personal injury and damage to equipment and product is eliminated.

Printed curtain



Low friction side guide



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■ DRIVE UNIT AND CONTROL

The direct drive system incorporates the latest technology in drive systems and controls. A state of the art DYNALOGIX controller is user friendly and self-diagnostic. The control system is housed in a NEMA 4 enclosure.

■ HIGH SPEED OPERATION

D-311 Slimline doors are fast, with opening speeds up to 48" per second.

■ PATENTED RE-INTRODUCTION

Smooth, reliable curtain insertion technology allows our doors to be crash forgiving. No manual intervention needed regardless of direction of impact. Reinsertion on open cycle is more reliable under pressure.

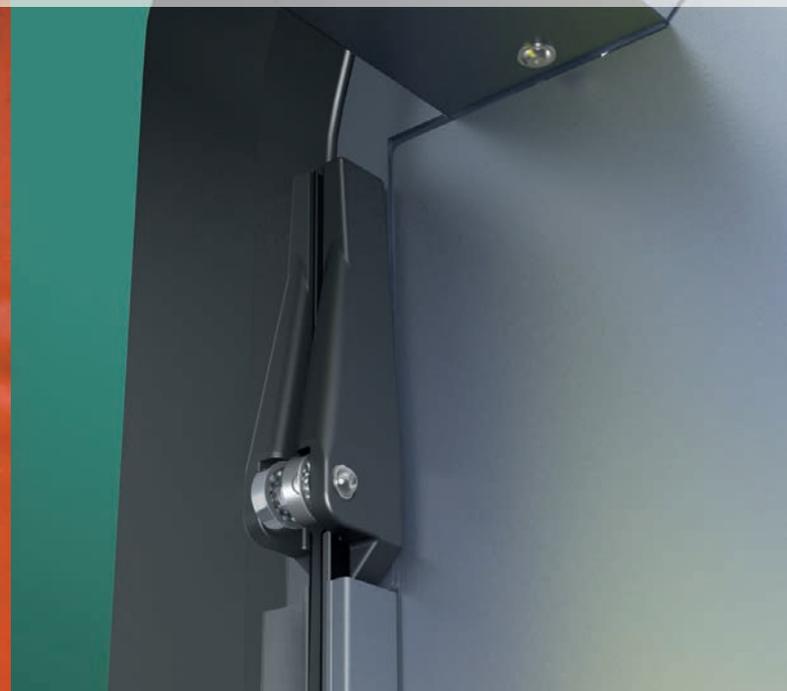
CHARACTERISTICS

Door specifications	
Door Dimensions	Maximum: 12'W x 12'H
Operating Speed	Up to 48"/sec. open (optional 72"/sec.) Up to 24" per second closing
Safety Features	Wireless DYNACO Detector on bottom of door. Infrared sensor in side guides 12" from the floor. Anti-roll detector ensures proper closing.
Door Panel	27oz reinforced PVC vinyl and continuous edge sealing bead with soft bottom edge. Available in nine standard colors.
Printed curtain	Curtain personalization available. High quality printing of company logo or graphics optional.
Vision Panel	Comes standard with one vision banner 15"H x door width. Individual windows 24"x24" optional.
Side guides	Outer side guides: structural channels of 2 1/16" x 1 1/2" x 1/8" in galvanized steel. Inner side guides: Low friction polyethylene PE-UHMW 1000.
Drum	Steel, diameter 4"x0.078", shaft in steel.
Motor	Standard 1HP, 2 poles without brake, VFD driven, NEMA 4 protection.
Control and Drive System	UL approved industrial control panel housed in NEMA 4 enclosure. DYNALOGIX II controller with variable frequency drive and high resolution encoder for precise door positioning. Standard single phase 208-230VAC, three phase 208-230VAC, 460 VAC. Frequency 50-60Hz. 10-20A, circuit breakers to be provided by customer.

Easy to clean

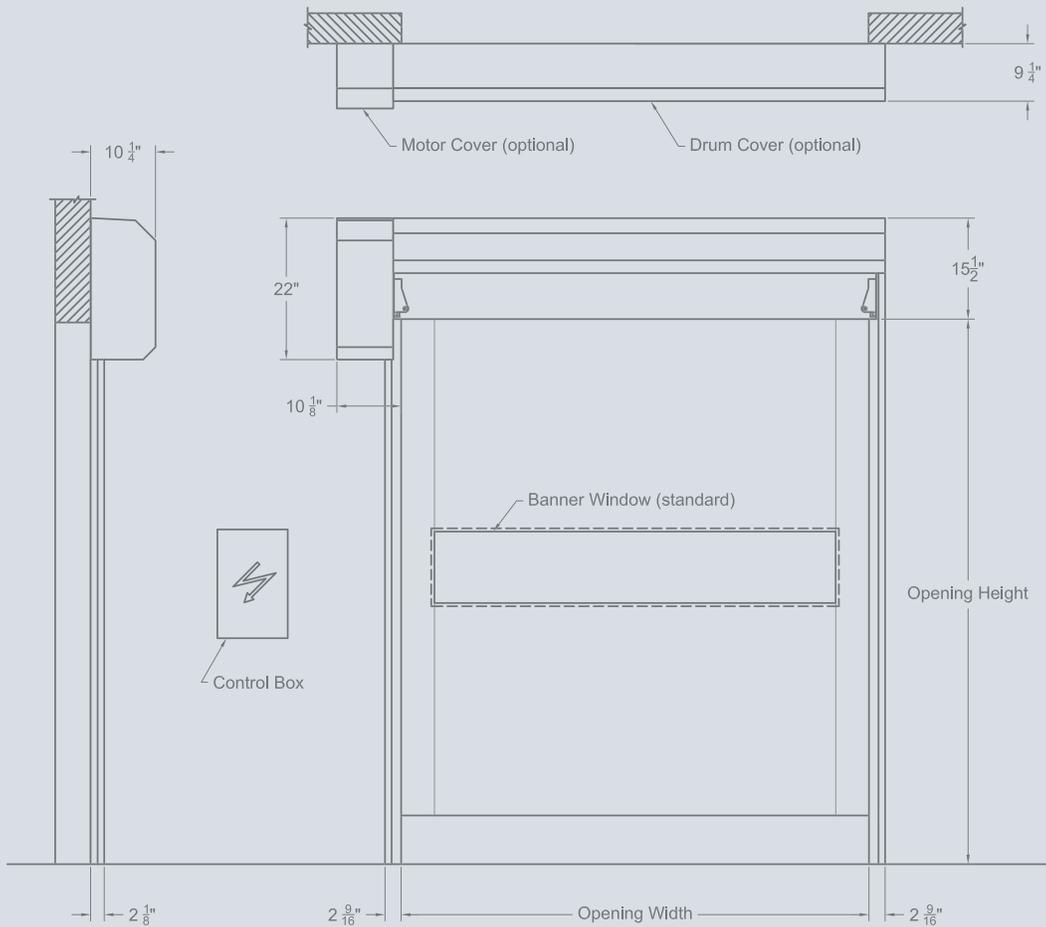


Reintroduction block



Dimensions and installation requirements

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All indicated dimensions are net: the space necessary for mounting and maintenance has to be provided.

REMARK: based on the risk analysis of the environment, extra push buttons, detectors and covers might 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, and high-performance doors. 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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935 Campus Drive Mundelein IL 60060

P: 1-800-459-1930
 P: 1-847-562-4910
 F: 1-800-459-1960
 Email: dynaco@dynacodoor.us
www.dynacodoor.us

