

The DYNACO Entrematic D4 Series

(D411 & D421) The “next generation” gravity door solution for small to medium interior or exterior applications

The D4 doors are a new and enhanced design providing better environmental control, efficiency and lower life cycle cost than competitive products. Appropriate for interior or exterior applications, the door will resist static wind pressure to 9.4 lbs./ft². The doors incorporate the proven robust Dynalogix II control system and unique Dynaco innovations including: “soft curtain” technology, fully automatic re-insertion and low friction encapsulated edge retention.



Simple Design: Wind ribs, bottom bar components and wear prone weather strip systems are eliminated!

- Enhances reliability – reduces maintenance.
- Allows for higher speeds and wind resistance.

Edge Retention: Continuous end locks disperse pressure along full height of door.

- Eliminates vibration, weight and safety issues associated with rigid components.
- Eliminates point-loaded pressure, providing smoother operation.

Seal Quality: Encapsulated curtain edge is inherently tighter than open channel designs.

- Wear prone conventional seals are eliminated.
- Seal is good for life of door.

Side Guide: High strength – wear resistant UHMW inner guide:

- Provides low friction operation.
- Spring loaded and pivoting action deflects under pressure.
- Low cost to repair or replace.

Patented re-introduction: Provides smooth, reliable curtain insertion.

- No manual intervention regardless of direction of impact.
- Reinsertion on open cycle is highly reliable even under pressure.

Control System: Industrial quality with separate VFD and controller:

- Easy and cost effective to troubleshoot and maintain.
- Low cost replacement as compared to “all inclusive printed circuit board” controllers.

Safety: Soft curtain technology prevents lateral and downward accidents.

- Flexible in all directions



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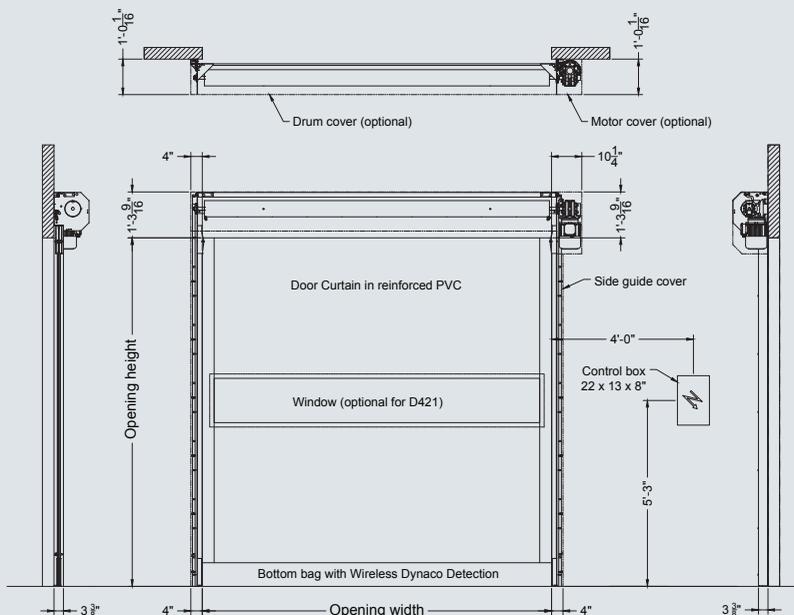
HIGH PERFORMANCE DOOR SOLUTIONS

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



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DIMENSIONS & INSTALLATION REQUIREMENTS



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.

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The DYNACO Entrematic 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.

CHARACTERISTICS:

Door Specifications	D411 Interior Door	D421 Exterior Door (Inside mount recommended)
Dimensions	Width: 3'4" min; 14'0" max Height: 3'4" min; 14'0" max	
Voltage	208v – 230v 1ph/60, 208v – 230v 3ph/60, 480v 3ph/60, 575v 3ph/60 (575v requires line load reactor)	
Motor IP65/NEMA 4	1 hp (2 hp on large doors and 575v)	2 hp
Opening Speed	78" per second	
Closing Speed	24" per second	
Curtain Material	Std. 27oz. pvc per square yard	
Color Choices	Nine(9) Std. Colors	
Windows	15" Height Full Width Std	Optional
Steel Control Box Std. (NEMA 4)	Absolute Encoder, 24v DC Parking Brake 22" x 13" x 8"	
Safety Features	Truly soft, wireless reversing edge; photo-eyes, ARO switch	
Warranty	5 Yrs. on Motor & Gearbox 5 Yrs. on fabric workmanship 1 Yr. on all other components	
Static Wind Load	Class 1 (EN) 6.3 psf Approx. 50 mph	Class 2 (EN) 9.4 psf Approx. 60 mph
Controls	DYNALOGIX II (6.7 version) DC2 encoder, Variable Frequency Drive	
Environment	Durable in most cold, warm and high cycle door applications	



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