

SlimLine Food

HIGH PERFORMANCE DOORS



The Slim Line Food door is designed to control interior environments where sanitation and corrosion resistance is critical. State of the art wash-down drive unit and stainless steel components provide years of service in high cycle applications. Ultra quiet operation and soft curtain technology assure safety and comfort.

FEATURES AND BENEFITS:

High Speed Operation:
Peak opening speed of 50" per second

Self Re-inserting:
Reduces maintenance and downtime, improves ergonomics

Corrosion Resistant
Resists wash down and harsh chemicals.

Wash Down Drive System:
5 year unlimited cycle warranty

Safety:
Soft curtain protects users from hard edge accidents

Superior Seal:
Patented side guide designed with a maximum gap of 0.017"

Advanced Controls:
Self diagnostic controller is user friendly and easy to program.

Optional Egress Feature:
Provides a Code Compliant method of escape.



DYNACO
HIGH PERFORMANCE DOORS

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SLIMLINE FOOD

Designed for small to medium interior food environments

Standard Maximum dimensions: W 12' x H12'

The Slimline Food door is designed for interior environments, incorporating ultra-tight sealing bead technology, with ultra-clean side frame and head designs. This food-specific design will facilitate easy and efficient cleaning, while providing maximum sealing and safety. The robust construction will provide reliable, high cycle operation in harsh, and wet applications. The Slimline Food combines our proven control and drive system with our specially modified bead sealing technology, for ultra-smooth, ultra-quiet operation. Incorporating DYNACO's exclusive DYNALOGIX II controls, with a variable frequency drive, provides maximum performance, flexibility and self-diagnostic capabilities, which translates into pure productivity and profit. The Slimline Food will operate with a difference in pressure of up to 0.82 lbs/sq.ft (winds of 10 MPH indicative, not including any multiplication coefficients, and taking into account the configuration of the building).

DESCRIPTION

STANDARD OPERATING SPEED: Opening speed 48"/sec, closing speed 24"/sec.

DOOR OPERATION: Gravity driven with flexible soft bottom edge.

SIDE GUIDES: Made of structural channels of 2 1/16" x 1 1/2" x 1/8" in galvanized steel. Stainless steel optional.

INNER SIDE GUIDE: In polyethylene (PE-UHMW 1000); outer section 9/16" x 9/16".

SIDE GUIDE COVERS: In stainless steel 304.

DRUM: In steel, diameter 4" x 0.078", shafts in steel.

DOOR CURTAIN: In reinforced PVC (27oz/sq.yd) and continuous sealing bead, with flexible weighted soft bottom edge design. Available in different colors.

VISION: One vision banner 15" x door width. Individual windows 24" x 24" optional.

MOTOR: Standard 1 HP at 208V, 230V or 460V. Motor is VFD driven, Nema 4, 2 poles without brake.

GEARBOX: Size 50 for a motor of 1 HP and gear reduction ratio 1/28

DOOR POSITIONING: Absolute encoder mounted onto the back of the motor.

DETECTORS: An infrared photocell installed inside the side guide and detects the presence of a pedestrian or a vehicle. Upon activation, it opens the door immediately and keeps it open as long as the presence is detected. Height of photocell: 12" from the floor. (Optional: Up to maximum 24" from the floor).

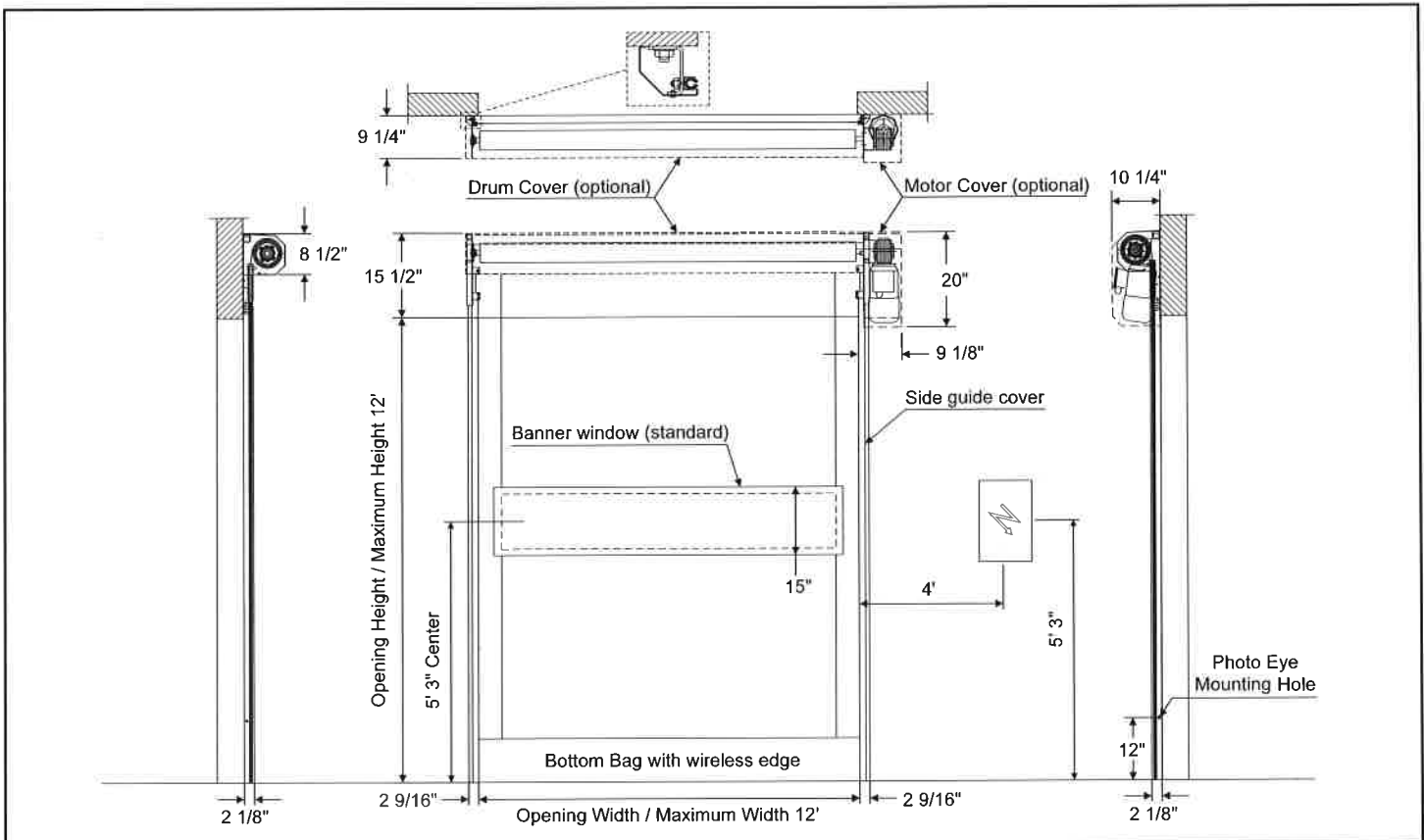
A bottom edge detector reverses the door when it hits an obstacle during the closing cycle. This detector is positioned at the bottom part of the curtain.

The bottom edge is referred to as a WDD or Wireless DYNACO Detector: A wireless detection system consisting of a transmitter in the bottom bag of the door and a receiver in the

control box. The system operates according to the "open loop" principle: when the sensor encounters an obstacle, the transmitter leaves the standby mode and sends a signal to the receiver that immediately opens the door.

POWER SUPPLY: Standard single phase 208-230 VAC; three phase 208-230 VAC; three phase 460 VAC. Frequency: 50-60 Hz. Circuit breakers to be provided by the customer: 10-20A for 1HP.

SPACE REQUIREMENTS: All indicated dimensions are net: the additional space necessary for mounting and maintenance has to be taken into account. Reduced dimensions upon request.



Within the framework of its policy of continuous development of its products, DYNACO reserves the right to modify the characteristics of its products and parts without prior notice.

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