ENTRE/MATIC

Dynaco D-311
Slimline Stainless

Gravity driven
low friction technology

inside door

D-311 Slimline Stainless

The DYNACO D-311 Slimline Stainless high-speed door is engineered to provide safe, quiet and efficient area separation where high cycle operation and sanitation are critical. Full stainless steel construction and a state of the art wash-down drive system provide years of reliable service in demanding hygienic applications. High speed operation, ultra tight seal and soft curtain technology assure outstanding environmental control as well as safety for pedestrians and equipment.

■ EASY CLEANING / SANITARY DESIGN:
USDA/FDA compliant curtain is smooth and free of mechanical components which can trap contamination. #304 stainless steel construction and wash-down drive system makes cleaning and maintaining a sanitary environment simple.

■ SAFETY FIRST:
With a DYNACO door, your safety is assured. Infrared photo-eyes reverse the door automatically if an obstruction is detected. Our soft bottom edge curtain is free of heavy, rigid components thus protecting users and equipment from common hard edge accidents. Our OPTIONAL EGRESS FEATURE provides additional safety for your employees in an emergency.

■ ENERGY SAVINGS:
Installng a DYNACO door saves energy! Its high speed operation and industry leading seal significantly reduce unwanted air transfer saving energy expenses.

■ SUPERIOR SEAL:
The patented side guides and tight seal keep out unwanted contamination and eliminate wear prone weather-strip systems. Your valuable products and equipment are protected!

■ PRODUCTION EFFICIENCY:
Your production flow is optimized by the DYNACO door's industry leading opening and closing speeds. True SELF-REINSERTION eliminates manual intervention thus reducing maintenance and increasing uptime.

Egress Feature

Reintroduction Block

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CHARACTERISTICS

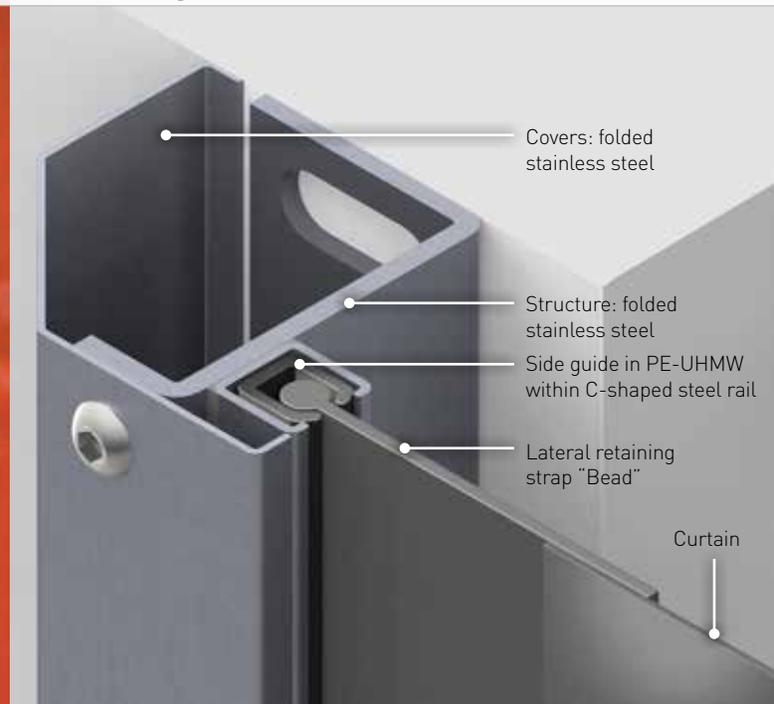| Door Specifications	
Max. Dimensions	Width 12'0" Height 12'0"
Operating Speed	72" per second opening 24" per second closing
Door Operation	Gravity driven with flexible curtain
Side Guides	Stainless Steel structural channels
Inner Side Guides	Reinforced Polyethylene (PE-UHMW 1000)
Rollup Drum	Stainless Steel shafts, drums and bearings
Door Curtain	Anti-microbial PVC (27 oz/sq.yd.) and continuous sealing bead, with flexible ballast soft bottom edge. Optional: USDA / FDA compliant
Color Choices	Yellow RAL1003 Orange RAL2004 Red RAL3000 Blue RAL5002 Brown RAL8017 Green RAL6005 Grey RAL7038 White RAL9010 Black RAL9005

CHARACTERISTICS

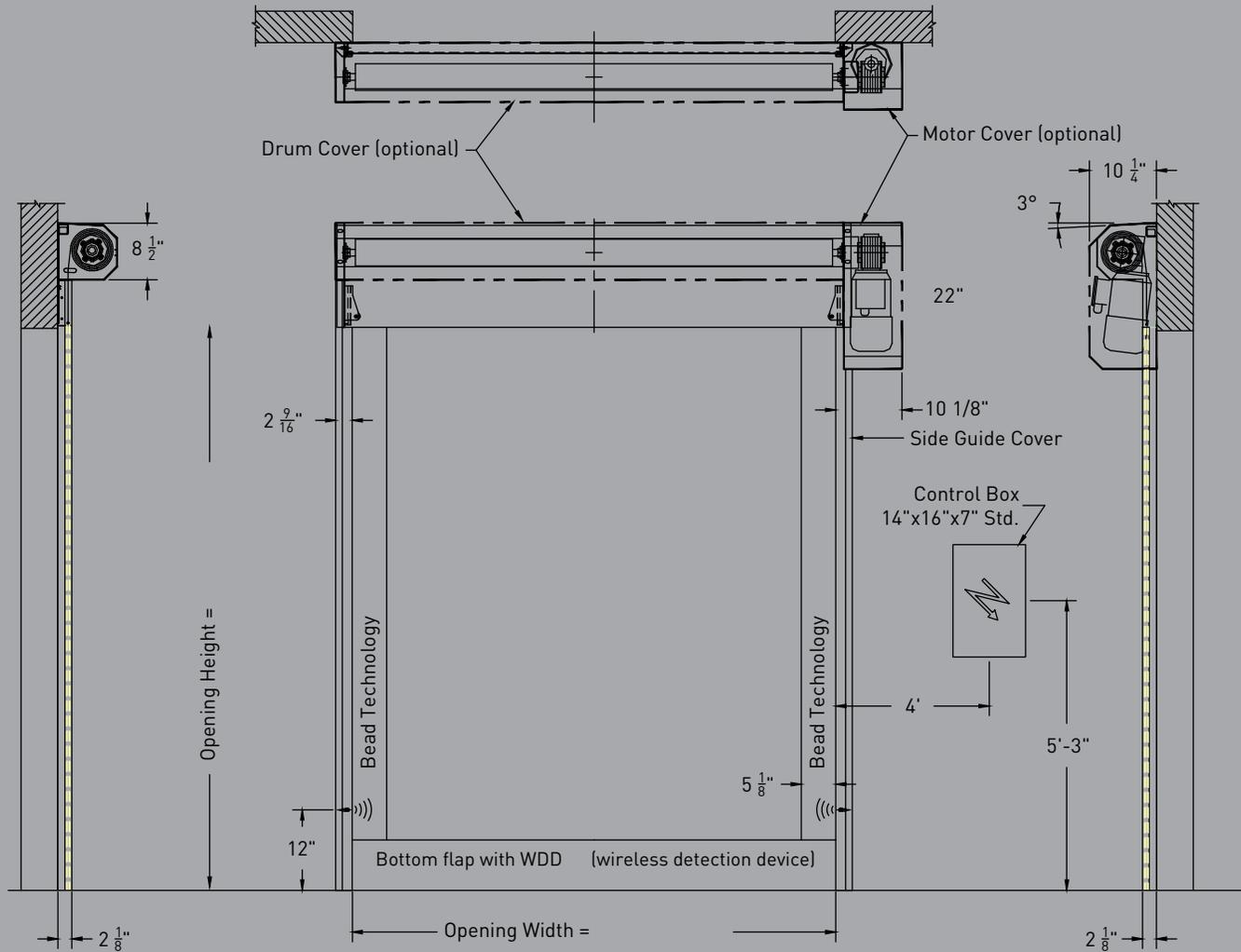| Door Specifications	
Vision	One vision banner 15" high x door width. Optoin configurations available.
Motor NEMA 4	1 HP, IP 65 rated motor is VFD driven, with 2 poles and direct current braking. 5 year unlimited cycle drive warranty.
Door positioning	Absolute encoder with battery backup
Safety devices	Standard NEMA 4X infra-red photo-eyes installed 12" above the floor automatically reverses the curtain when an obstruction is detected. Wireless bottom edge detector reverse the curtain when it strikes an obstacle during the closing cycle.
Power supply Control box	Standard single phase 208-230 VAC; Three phase 208-230 VAC; Three phase 460 AC Optional: three phase 575 VAC Frequency: 50-60 Hz Stainless steel control box 22"x13"x8" (NEMA 4X) Dynalogix II control system Variable frequency drive E-stop Electrical disconnect

Easy to Clean

Suprior Seal Side Guide

Covers: folded stainless steel

Structure: folded stainless steel

Side guide in PE-UHMW within C-shaped steel rail

Lateral retaining strap "Bead"

Curtain

Dimensions and installation requirements for Dynaco D-311 Slimline Stainless Door

Drum Cover (optional)

Motor Cover (optional)

10 1/4"

3°

8 1/2"

22"

2 9/16"

10 1/8"
Side Guide Cover

Control Box
14"x16"x7" Std.

Opening Height =

Bead Technology

Bead Technology

5'-3"

4'

5 1/8"

12"

Bottom flap with WDD   (wireless detection device)

2 1/8"

Opening Width =

2 1/8"

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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