

DynamicRoll® FOOD PE

For wash down applications
and sanitation compliance



HIGH
DOORS



DynamicRoll® FOOD PE

The DynamicRoll® **FOOD PE** is a self-repairing roll up door designed for environments where sanitation is the most important issue. Its high-density polyethylene (HDPE) frame is designed to be sanitized without removal or disassembly of any covers or other components. The curtain's zippers travel within the monolithic polyethylene guides, allowing the curtain to release from the guides in the event of impact and reinsert in one cycle.

The design of the DynamicRoll® **FOOD PE** minimizes the need for costly stainless steel, provides superior corrosion resistance, and helps reduce the accumulation of dust, dirt, food residue, and other debris.

FEATURES AND BENEFITS



FAST

- Smooth traffic flow
- Safe for users & goods



RELIABLE

- Minimize down-time
- Minimize maintenance



HDPE COMPONENTS

- Non-corrosive
- Superior chemical resistance



SAFE

- No rigid elements
- Self-reinserting system



WASH DOWN

- Ease of cleaning

APPLICATIONS



SELF-REINSERTING GUIDE

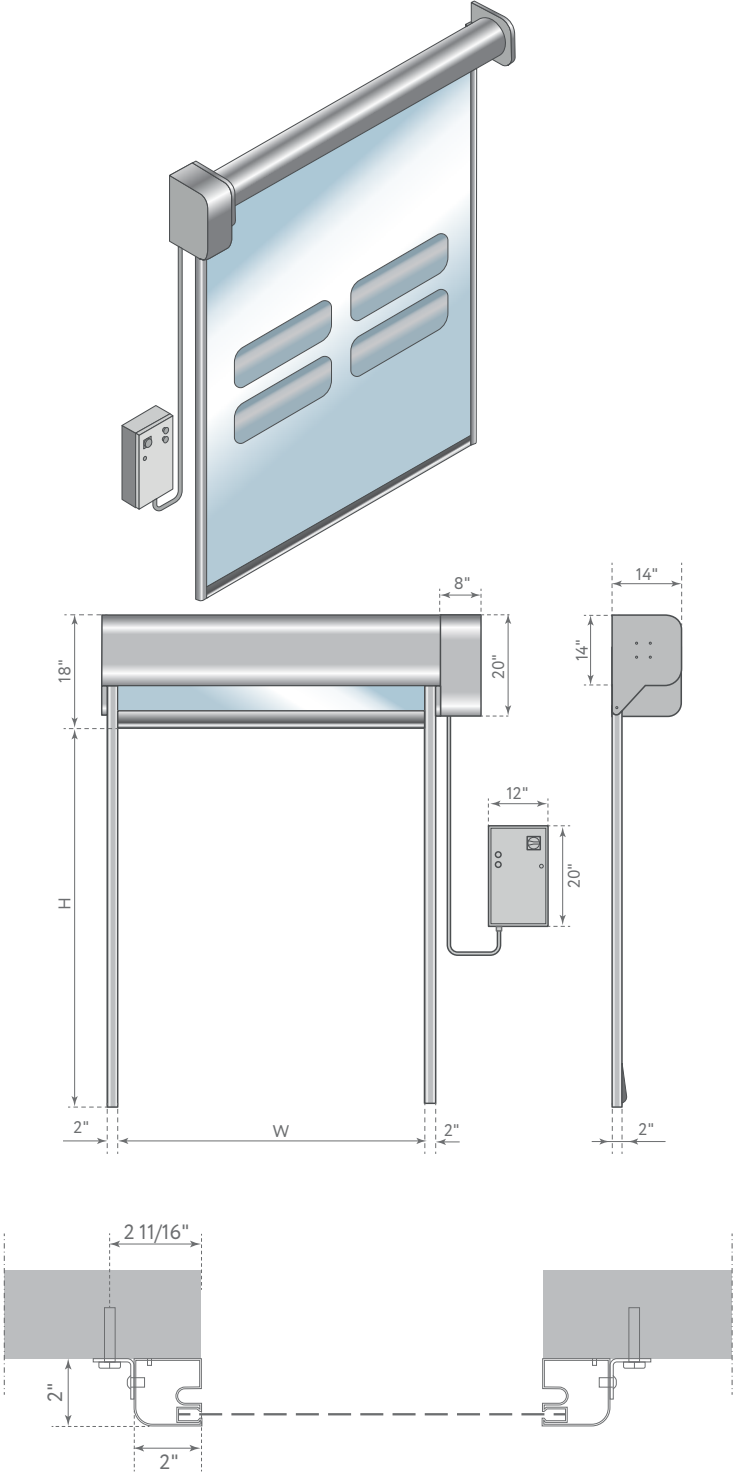
The door features a patented system consisting of an articulating high-density polyethylene inner guide and reinsertion slots. The curtain's full length zipper profile is encapsulated in the guide profile. This design provides a superior seal, smooth operation, and eliminates the need for lubrication. The system allows the curtain to release from the inner guide and automatically reinsert itself in the event of an accidental impact, minimizing down-time and costly repairs.



TECHNICAL DATA

MAXIMUM DIMENSIONS	W 14'-0" x H 12'-7"
SPEED	Max opening speed: up to 100 in/sec
	Closing speed: 30 in/sec
CYCLES TEST	1,000,000
WIND RESISTANCE	Class 0
STRUCTURE	Not self-supporting
FRAME	STANDARD - Polyethylene
MOTOR COVER	Stainless steel
CURTAIN	STANDARD - PVC curtain 27 oz/yd² , 6 W/m²K
VERTICAL GUIDE MATERIAL	Patented system composed of a high density polyzene self-lubricating guide and full-length zipper profiles on the curtains.
CONTROL PANEL	STANDARD - Composite control panel NEMA 4x
	OPTIONAL - Stainless Steel NEMA 4x
WIRING	Plug and play system IP65
SAFETIES	STANDARD - Photocell set - Unroll sensor
EMERGENCY OPENING	STANDARD - Hand crank
	OPTIONAL - UPS battery
OPERATING TEMPERATURE	Not suggested for freezer applications. >32F (>0°C)

DOOR SPACE REQUIREMENTS



OPTIONAL ACCESSORIES

RADAR



INFRARED RADAR
motion and presence
(pedestrian/forklift) radar

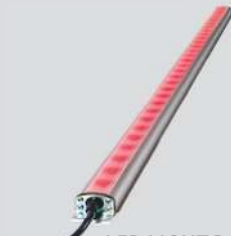


INFRARED RADAR
with cross-movement
adjustment

TRAFFIC LIGHTS



LED TRAFFIC LIGHT
red/green with countdown

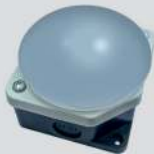


LED LIGHT BAR SYSTEM
with red moving/green open

BUTTONS



MUSHROOM PUSH BUTTON
with IP65 housing



LED PUSH BUTTON
red/green

OTHER



REMOTE
CONTROL



MAGNETIC
LOOP
DETECTOR



PULL CORD
SWITCH



BOLLARD
B-PROTECT

CURTAIN MATERIAL DATASHEET



Scan the QR-codes to view or download datasheets

Technical information about
standard pvc



Technical information about
insulated pvc



Technical information about
pvc windows



Technical information about
FDA certificated pvc
(Food Drug Administration)

AVAILABLE CURTAIN COLORS

STANDARD PVC



RAL 9010
WHITE



RAL 1003
YELLOW



RAL 2004
ORANGE



RAL 3002
RED



RAL 6026
GREEN



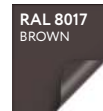
RAL 7037
DUSTY GREY



RAL 7035
LIGHT GREY



RAL 5002
DARK BLUE



RAL 8017
BROWN



RAL 9005
BLACK

INSULATED PVC



RAL 9010
WHITE



RAL 5002
DARK BLUE

FDA CERTIFIED PVC



RAL 9010
WHITE

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**HIGH
SPEED
DOORS**

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