



ENTRE/MATIC



DYNACO D-651 ALL WEATHER HIGH PERFORMANCE DOOR

Push-Pull
gear driven technology



outside door

www.dynacodoor.us



DYNACO D-651 ALL WEATHER HIGH PERFORMANCE DOOR

The DYNACO D-651 All Weather is specifically designed for medium sized outside applications with intensive use and subjected to extreme wind loads. It protects your facilities against wind, rain, snow, dirt and extreme temperatures.

Operating speed and perfect sealing improve your traffic flows and provide employee comfort, environmental control and savings on energy costs. Fully self-reinserting, the DYNACO D-651 All Weather will automatically reinsert itself in its side guides when the curtain is accidentally hit. Special features for easy installation and maintenance reduce the cost of ownership, while the small footprint allows maximum use of the available space.

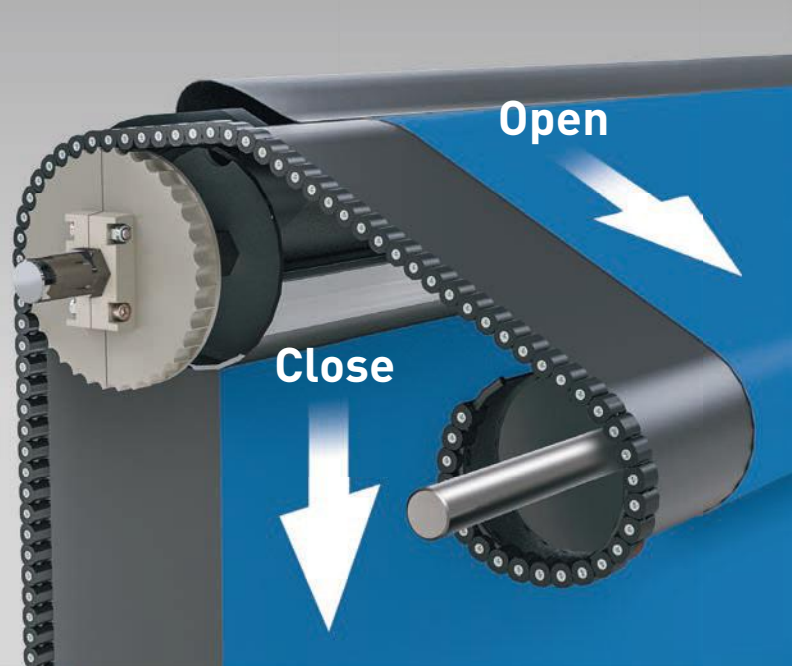
The special design of the driving system and reintroduction block reduce operating noise, creating a quieter environment.

- **ULTRA HIGH SPEED OPERATION**
Up to 142 in/s depending on the size Closing speed 48 in/s
- **PATENTED “PUSH PULL” TECHNOLOGY**
Gear driven Push-Pull system positively drives the curtain both directions, eliminating maintenance and damage prone tension systems, wind stiffeners and bottom bars.
- **SUPERIOR SEAL, WIND RESISTANT**
Patented side frame assembly with inner guide eliminates the need for weather seals or brush systems. Up to wind load class 5 (41.77 lbs/sqft., or 128 mph).
- **CRASH FORGIVING AND SELF-REINSERTING WITHOUT INTERVENTION**
The curtain automatically reinserts itself when dislodged. No manual intervention, or production down time.
- **SAFETY ENGINEERED**
Each door panel comes standard with a unique soft curtain, which prevents many hard edge accidents. No stiffeners or rigid bottom bars to injure workers or damage equipment. A wireless reversing edge and built-in infrared sensors protect against 4 different types of accidents.
- **ADVANCED DRIVE**
Frequency driven motor and encoder for smooth operation. Wearable elements are reduced to a minimum.
- **DYNALOGIX 5 CONTROL BOX**
User-friendly control box with touchscreen interface assists users, installers and service technicians.

Movable panels for easy maintenance



“PUSH-PULL^{PT}” Drive Technology



Push-Pull

gear driven technology



outside door

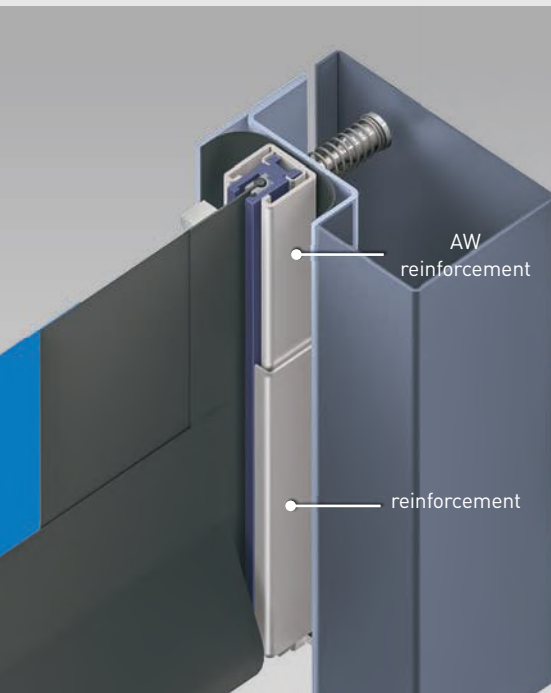
TECHNICAL SPECIFICATIONS

Door Dimensions	Min. W 3ft x H 4ft Max. W 18ft x H 18ft
Operating Speed (depending on door size)	Up to 142in/s open 48in/s closing
Safety Features	Soft bottom edge design. Wireless reversing edge and built-in infrared sensor. No coil cords.
Structure	Galvanized steel: 3.9"x1.57"x0.118" Option: Stainless steel
Door Panel	Reinforced PVC (27 oz/sq.yd). Available in different colors and provided with side sealing zippers.
Drum	Steel 1drum \varnothing 5-1/2"x0.118" + 1drum \varnothing 4-1/100"x2/25"

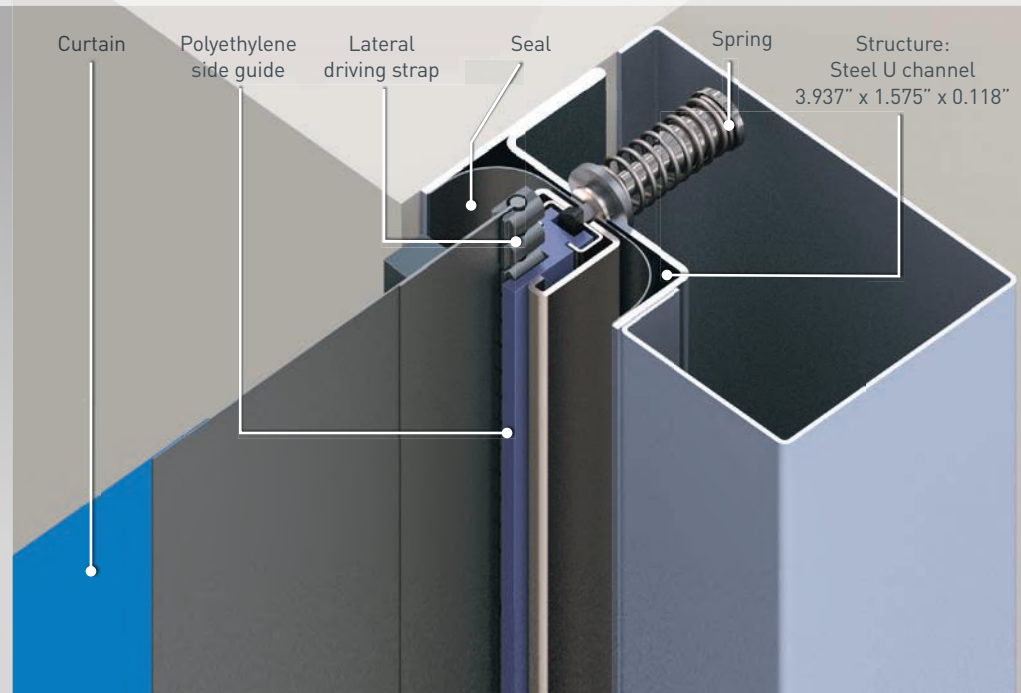
TECHNICAL SPECIFICATIONS

Side Guides	Reinforced polyethylene (PE-UHMW1000), with springs. Side guides reinforced over the total height.
Motor	4 poles, without brake. Power: 1.5kW. IP rating: IP65.
Control Box	DYNALOGIX 5 provided with: Circuit breaker, general divider, adjustable timer, push button for opening and reset, emergency stop. IP rating: IP54, frequency inverter.
Standard Detectors	Infrared barrier: 12in. from the floor. Wireless DYNACO detector (WDD)
Power Supply Frequency	Single phase 230V – 18A Frequency: 50-60Hz
Temperature range	5F up to 122F (not for Freezer applications)

Side reinforcement

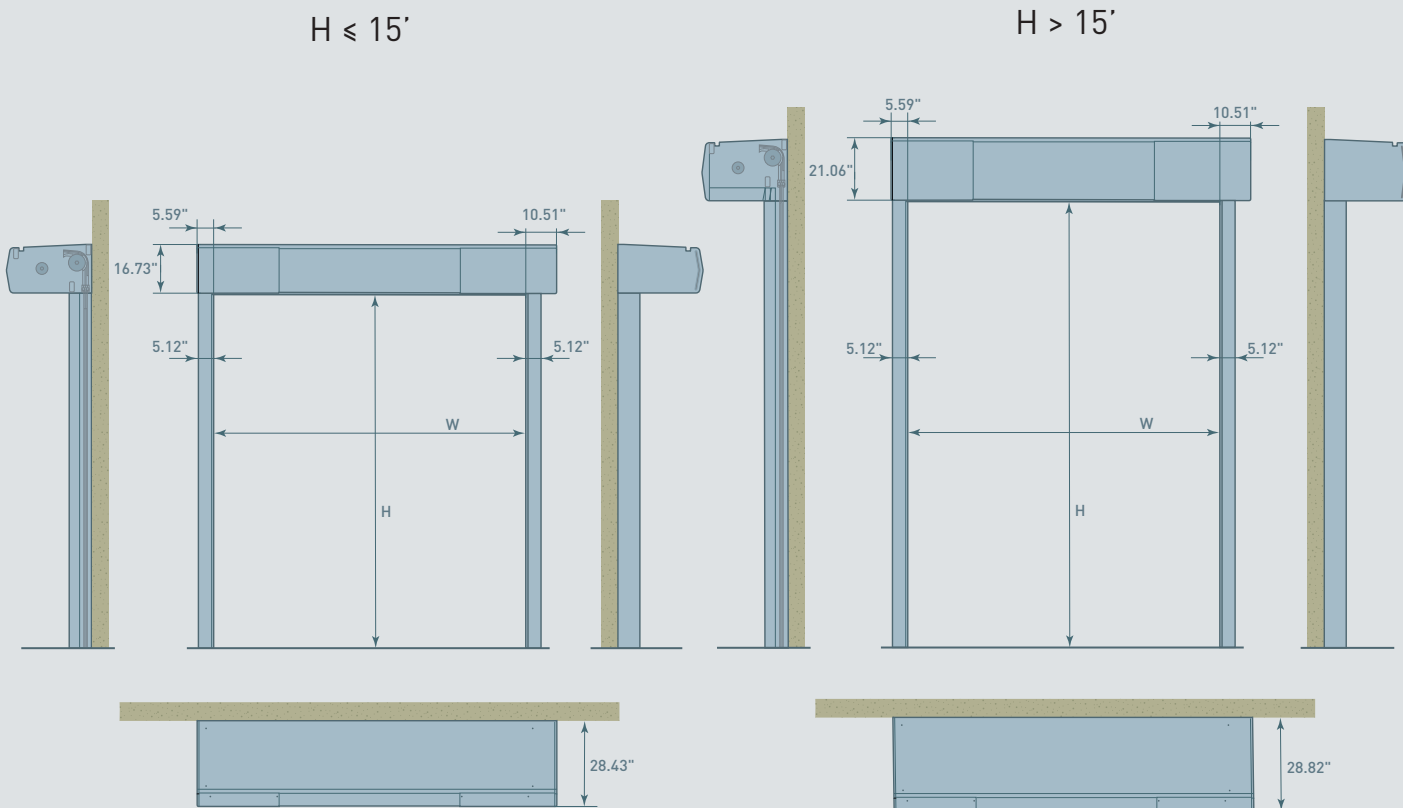


Side guide and lateral driving belt



Dimensions and installation requirements

DYNACO D-651 All Weather High Performance Door



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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