

PUSH-PULL gear driven technology

exterior door



ULTRA HIGH SPEED OPERATION

Up to 96 in/s, depending on the size.
Closing speed 48 in/s.

HIGH WIND LOAD RESISTANCE AND OPERATION

Inner guides, constructed of durable UHMW run through a re-reinforced steel channel. Providing continuous wind resistance along the full height of the door, the door is fit to operate in high force winds of up to 185 mph. The encapsulated design provides superior seal while eliminating conventional weather strips.

SAFETY ENGINEERED

A wireless reversing edge and built in sensor protect against the 4 different types of accidents. In combination with a unique soft curtain and the absence of stiffeners and rigid bottom bars this door maximizes safety for employees as well as for goods.

DOOR OPERATION

Gear driven Push-Pull system positively drives the curtain in both directions, eliminating maintenance and damage prone tension systems.

USER-FRIENDLY CONTROL

A state of the art DYNALOGIX controller provides self-diagnostic and programming functions. A view window in the NEMA 4 enclosure lets you read door status on a multi-character LCD screen. A rotary disconnect, push button and emergency stop are standard.

SELF-REINSERTING WITHOUT INTERVENTION

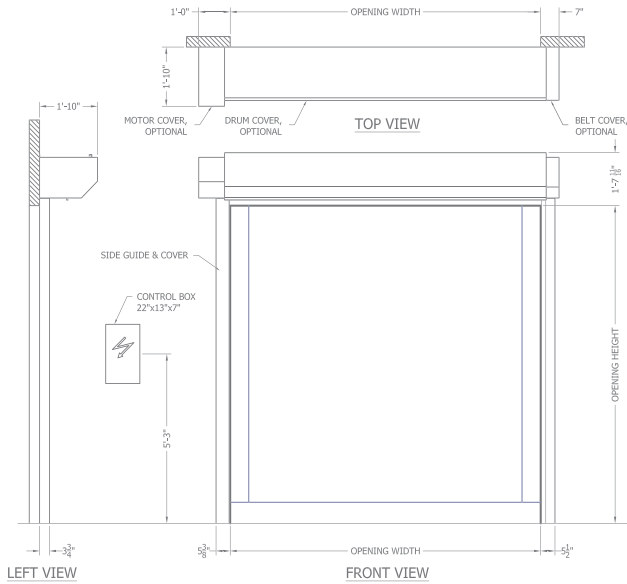
In the event of an accidental impact, the curtain dislodges and automatically reinserts itself on the up cycle. No production downtime or manual intervention needed.

DYNACO **All Weather M2** High Performance Door



DYNACO
High Performance Doors

Dimensions and installation requirements



TECHNICAL SPECIFICATIONS

Door Dimensions	Min. W 6 ft x H 6 ft. Max. W 18 ft x H 18 ft
Operating Speed (depending on door size)	Up to 96 in/s open 48 in/s closing
Safety features	Soft bottom edge design. Wireless reversing edge and built-in infrared sensor. No coil cords.
Door Panel	27oz reinforced PVC vinyl with choice of color and vision and provided with side sealing zippers; soft bottom design.
Wind resistance	Withstands and operates in high force winds of up to 185 mph depending on door size. Can take static wind loads of up to 32 psf.
Structure	Frame constructed of structural galvanized steel channels of 3 1/8" x 1 5/8" x 1/8".
Side guides	Made of galvanized steel with spring-loaded reinforced polyethylene (PE-UHMW1000) inner guides. Galvanized side guide covers included.
Motor	Direct drive motor and gearbox are IP65 rated for harsh duty wet environments. A NEMA 4X encoder provides accurate positioning without the use of mechanical components.
Control box	UL approved control system housed in NEMA 4/12 enclosure. DYNALOGIX controller with variable frequency drive and high resolution encoder. Protection degree IP65.
Power supply Frequency	Voltage: 208-240VAC, 480VAC, 575VAC. Motor 1 HP, 2 HP, 3ph 60Hz. Protection degree IP65.
Standard Detectors	Wireless reversing edge and built-in sensors. No coil cords.

Door specifications and technical data subject to change without notice.

Founded in 1987, the Dynaco brand has a strong heritage and a wealth of expertise in high performance doors. Dynaco is committed to achieving excellence in quality and performance through a certified and dedicated network of partners, providing outstanding service to our customers.

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DYNACO All Weather M2 High Performance Door

The ideal door for all round medium sized inside applications within your organization.

Specifically designed for medium sized exterior applications, the DYNACO All Weather M2 is engineered for high cycles, extreme weather and high wind loads.

The All Weather M2 incorporates patented push-pull technology, pivoting side guides, soft edge technology, self-reinsertion and industrial quality controls. The combination of these aspects provide maximum performance and safety for high-pressure applications.

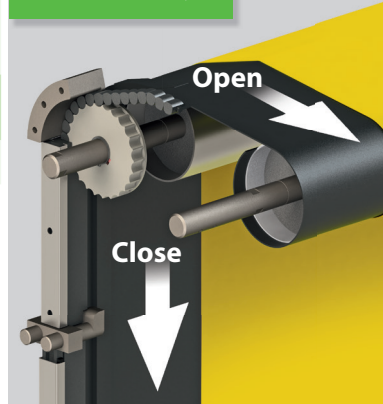
The door operates and resists wind and pressure without the need for weighted or rigid components, reducing maintenance and increasing safety for goods and people. The DYNACO All Weather M2 will automatically reinsert itself in its side guides should the curtain be accidentally hit.

This great door can be mounted inside or outside to the building and is available with a wide array of options. Available in a variety of colors and with additional vision and fabric options, the All Weather M2 will compliment your building architecture.

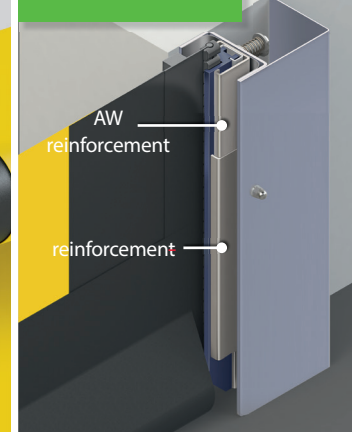
Wind resistant



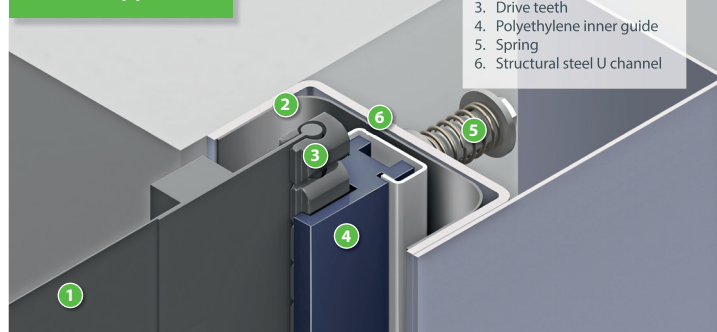
"PUSH-PULL^{PT}" drive technology



Side reinforcement



Side guide and M2 zipper



1. Curtain
2. Seal
3. Drive teeth
4. Polyethylene inner guide
5. Spring
6. Structural steel U channel