

BMP Model Dynamicroll PE

- Wash down
- Up to 100" a second opening speed
- Soft bottom edge
- Breakaway
- Self-repairing
- Unroll sensor in header to reverse leading edge
- Prewired control panel



AMBIENT AND COOLER DOOR SPECIFICATIONS:

Supply where indicated on plans Jamison BMP model Dynamicroll PE high speed self-repairing fabric roll up door for all temperatures from ambient to cooler.

Roll up door side frames and header bearing brackets to be standard white polyethylene.

Standard UL approved control panel to be a NEMA 4 PVC enclosure. Control panel uses a proprietary circuit board with inverter. Standard opening speed is up to 100 in/sec based on size. Standard closing speed is 32 in/sec. Circuit board has LED lighted display showing operation modes and information codes.

Door curtain is made of reinforced PVC, with flexible weighted soft bottom edge. The edge

of curtain has continuous injection molded teeth that hold the curtain into the side columns. The curtain moves up and down in a self-lubricating polyethylene track. The track and side frame of the Dynamicroll PE are formed together from a single piece of polyethylene.

The drum and shafts are made of galvanized steel. The motor cover is made of stainless steel.

The standard motor is IP 54 2HP. The incremental encoder is mounted to the end of the drum shaft.

An infrared photocell NPN, IP67 is installed internally on the inside of one side guide

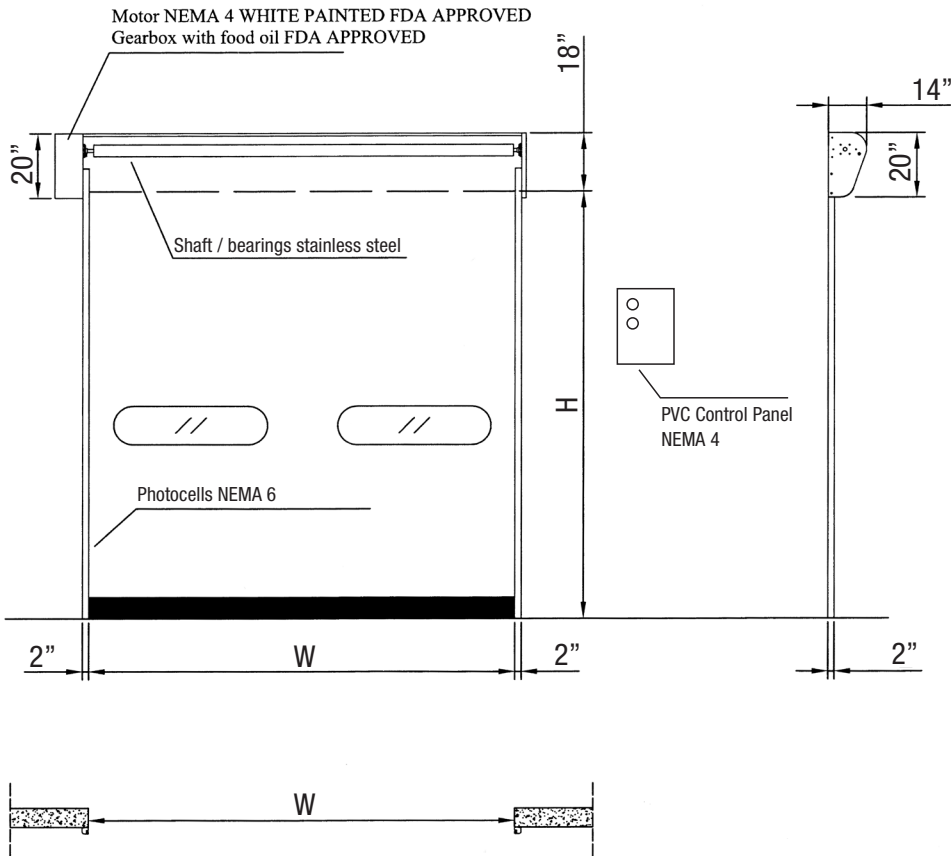
and mounted externally on the outside of the other side guide. It detects the presence of a pedestrian or vehicle.

The standard reversing edge detector is an unroll sensor in the header that determines if the curtain can unroll properly.

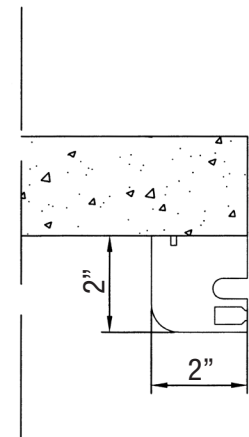
Power to be 208, 240, 480 volt AC, 60 hertz, 3 phase. Circuit breakers to be provided by others. Complete door assembly to be ready for connection to power. (Architect to designate responsibility for field wiring.)

OPTIONS: (SPECIFY which options are desired)

1. Control panel can be Nema 4X
2. Control wiring prewired to control panel.
3. Wall attachment fastenings.
4. Activation devices.
5. View windows
6. 1/8" insulated reinforced PVC.
7. Stainless steel drum, shafts, and bearings.
8. T-Cut Emergency egress
9. UPS battery backup
10. Jamb and/or inside trims
11. IP66 tropical rated motor with gear reducer using food grade oil.



COLUMN DETAIL



Column / top plate made in EPP TIVAR 10
(see attached datasheet)

INSTALLATION POINTS:

1. Install roll up door, hardware, and electrical components in strict accordance with Architect's drawings and specifications and the door manufacturer's written instructions.
2. Complete installation, operating, and maintenance instructions shall be supplied for each door by manufacturer.
3. Manufacturer can furnish most types of installation hardware, such as: lag screws, machine bolts, carriage bolts or all thread. Trim, floor clips, crush plates, and anchor bolts are also available.
4. Install side frames plumb and square, in correct locations indicated on drawings and with a maximum diagonal distortion of $\frac{1}{4}$ " over height of doorway. Ensure header is securely and rigidly anchored to adjacent construction.

JAMISON

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