

300 630 600

Kwik-Op® Automatic Door Operators

Postal, Food Processing, Retail, Institutional, and Warehouse applications

With only 4 moving parts and a rugged pneumatic system, the Kwik-Op provides cost savings, optimizes productivity and minimizes impact to personnel, loads and motorized traffic. Designed to cycle up to 1000 times per day these systems will operate for years with virtually no maintenance and they are covered by our limited 5 year warranty.



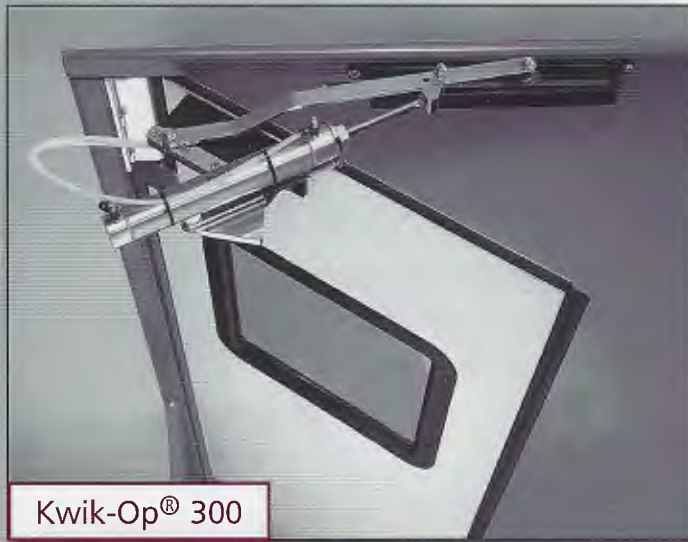
All models include a NEMA 1 control box with a microprocessor control system which includes self diagnostics, cycle counter, adjustable time to close, hold open switch and interlock capabilities. For an extra measure of safety, the interlock capabilities can integrate with security and fire alarms.

Kwik-Op® 300

- Unique mounting system, pull open/push close or push open/pull close, allows the operator to be header mounted or door mounted on either side of the opening
- Opens doors up to 300 lbs and 48" wide
- Opening force of 150 lbs.
- Fast adjustable opening speed from 1.5 to 5 seconds allows traffic to pass unimpeded
- Multiple regulators are standard to control open/close speed and force, allowing for usage in applications with negative air or draft conditions
- Safe, convenient manual operation in emergency conditions
- Corrosion resistant design for washdown areas.
- USDA approved
- Optional air compressor available when shop air is not
- **Kwik-Op® 630** is available to open doors up to 600 lbs and 60" wide with an opening force of 200 lbs
- **Kwik-Op® 310** and **Kwik-Op® 610** are suitable for new construction, retrofit, flexible doors or doors with rising hardware

Kwik-Op® 600

- Designed to meet egress requirements without permanent connection to the door panel
- Surface mounted LCN is used to hold door in closed position
- Opens doors up to 600 lbs and 60" wide
- Opening force of 200 lbs.
- Rated for 10 million cycles and delivers fast adjustable opening speed from 1.5 to 5 seconds
- Operator can be installed three ways and is compatible with virtually any type of swing door
- United States Postal Service and USDA approved
- Safe, convenient manual operation in emergency situations
- Optional NEMA 4, 4X, 7 or 9 controls available
- Optional air compressor available when shop air is not



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OPERATION

One or more sensors (activators) generate control and safety signals for one or two way installations. An air pressure regulator controls opening speed. Hold-open time can be set from the control box from 1 to 99 seconds.

CONTROL

Controller provides power and signal in standard single doorway arrangements and in special applications like security doors, vestibule interlocks and more. Controller can handle 8 input signals and drive up to 8 different devices. Kwik-Op 600 is available for complex opening scenarios including simultaneous operation of 4 doors.

RETROFIT INSTALLATION

The entire Kwik-Op System can easily be installed by a plant maintenance person. All hardware, hole pattern/location templates, fasteners, wiring and instructions are provided.

The control box can be located where convenient, up to 25' from the Kwik-Op, with a single flexible air line running to each door operator. Simple plug-in 110 V electrical connection links the Kwik-Op to the plant's air system. A compact air compressor is also available when shop air is not.

When retrofitting to a center hung door the cam lift hinge is permanently removed. The resulting space can be filled with an available filler tube or channel. In new installations using Kwik-Op, a taller door can be specified in the same opening.

ACTIVATORS

A wide variety of activators are available, including infrared, touch, pull chain, motion detectors and many more. All commonly available sensors are compatible with Kwik-Op's control system.

SECURITY OPTIONS

Keypad or card reader options will permit operation of electric locking devices, including proof of closure signals. A presence sensor can prevent opening if the door is obstructed. Operation can be overridden by signals from the building's fire system.

SPECIFICATIONS

300	630	600
Door Weight: Up to 300 lbs	Door Weight: Up to 600 lbs	Door Weight: Up to 600 lbs
Door Size: 24" to 48" wide Up to 144" high	Door Size: 24" to 60" wide Up to 96" high	Door Size: 24" to 60" wide Up to 144" high
Electrical Power: 115vac 50/60hz	Electrical Power: 115vac 50/60hz	Electrical Power: 115vac 50/60hz
Electrical Control: 24VAC signal	Electrical Control: 24VAC signal	Electrical Control: 24VAC signal
Opening Force: 150 lbs	Opening Force: 200 lbs	Opening Force: 200 lbs
Cylinder: 1.5" dia. x 8" stroke	Cylinder: 2" dia. x 8" stroke	Cylinder: 2" dia. x 8" stroke
Air Requirement: 70psi, .18 CFM per	Air Requirement: 70psi, .09 CFM per cycle	Air Requirement: 70psi, .09 CFM per cycle

* Note: Please consult factory for doors in excess of 12' high.

Kwik-Op® is approved under USPS Master Specifications, Sections 08711 and 08310, issued 4/30/1997.

