

Open Sesame

Specifications - Door Operator Model 200

Automatic door operator shall be electromechanical, and provide for both powered opening and powered closing of a door. The door opener acts like a door closer when the door is manually opened, producing an ADA compatible closing force.

The unit shall contain an internal battery power supply to provide powered operation in the event of external power failure. The unit shall be powered by 24 vac, external to the device under provisions of low voltage wiring and is supplied with a 20 VA transformer requiring 115 vac 60 Hz service.

The operator shall be mounted according to drawings and instructions provided with each unit. The unit shall be capable of mounting on either door or lintel and shall provide door opening angles up to 120 degrees.

The unit shall possess an adjustable hold-open feature allowing the door between 5 and 50 seconds for passage.

Operation

Electro-mechanical. Power open, power close. Constant torque slipping-disc clutch engagement at all times.

Automatic open-hold-close cycle (5 to 50 seconds) activated by a signal from internal radio receiver or the momentary closure of electrical contacts provided by wires to unit.

Automatic cycle may be interrupted by a signal received within the cycle bringing the

operator into a non-active parked state. Door may be closed remotely if door is found left open in a non-active state upon receipt of a signal.

Optional Mode (No-Park setting) - does not allow automatic open-hold-close cycle to be interrupted after cycle is started.

Electrical Specifications

Operator:

16-24 vac/dc

Wall Transformer:

Input - 115 vac, 60 Hz

Output - 24 vac, 20 va

Battery:

12V DC, 1.2Ah sealed lead-acid battery

Motor:

12V DC, 1.5A

Clutch:

Constant torque slipping disk, 15 in-lbs

Supply for Unlatching Device:

12V DC, 1A

Radio Receiver:

Up to 1 Billion Security Code Combinations (Programmable)

Dimensions:

2 5/8" x 4" x 14 1/8" (Suitable for mounting with perpendicular wall close to door frame.)

Weight:

10 Lbs.

Material/Finish:

Steel housing
Powder coated finish

Physical Applications:

Door mounted for inward and outward opening doors in either

right-hand or left-hand hinged configurations. (Ceiling clearance 1 1/4" minimum between door and ceiling). Lintel mounted for inward and outward opening doors in either right-hand or left-hand hinged configurations.

Activation

Activation may occur by coded signal from transmitter or by wireless security entry system. Activation contacts are provided within unit for remote wired activation from any device providing momentary continuity such as touchplates, pushplates, mats, or infrared motion sensors.

Warranty

Open Sesame Operators and controls are covered by a one year limited warranty on materials and internal workmanship. Our warranty does not apply to services performed during installation but technical assistance is available by calling 1-800-OPEN-911.
