

# 7800 & 7900 Powered Door Operators


## Premier Product

The Arrow 7800 & 7900 Series Powered Door Operators are low-energy operators which function as standard spring-force closers during close cycles when a door is opened manually, or if power is lost or turned off.

The 7800 is a hard wired door operator ideal for doctors' offices, retirement facilities, schools, churches, and other applications where noise may be a concern. The 7900 Series builds off the platform of the 7800 but is supplied with a plug-in power cord.

### Compliance:

- UL/cUL listed.
- Certified to ANSI/BHMA A 156.19 Meets ANSI/BHMA A 156.4 requirements.
- Meets ADA requirements (Americans with disabilities Act).

 Look for the universal symbol next to Arrow products that comply with ADA accessibility requirements.



Introducing the Arrow 7900 Series Door Operator with Plug-in Power Cord!

Arrow is pleased to announce the addition of the 7900 series powered door operator to its product line. This series is an extension of the 7800 series but offers the convenience of a plug-in power cord, in lieu of the hard wire power input requirement for the 7800 series. The 7900 series, once installed, simply plugs into a code compliant 120 VAC power receptacle.



The power cord is only available on new 7900 Series products and cannot be added to 7800 Series operators. The offering is the same as our current non-power cord version (7800 Series) except that the part numbers begin with 79xx instead of 78xx.

### Interior Door Width

|                        | 24"<br>(610mm) | 30"<br>(762mm) | 34"<br>(865mm) | 38"<br>(965mm) | 48"<br>(1219mm) | 54"<br>(1372mm) | 60"<br>(1524mm) |
|------------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|
| Regular Arm & Top Jamb | Size 1         | Size 2         | Size 3         | Size 4         | Size 5          | Size 6          |                 |
| Parallel Arm           | Size 2         | Size 3         | Size 4         | Size 5         | Size 6          |                 |                 |

### Exterior (& Vestibule) Door Width

|                        | 24"<br>(610mm) | 30"<br>(762mm) | 36"<br>(914mm) | 42"<br>(1067mm) | 48"<br>(1219mm) |
|------------------------|----------------|----------------|----------------|-----------------|-----------------|
| Regular Arm & Top Jamb | Size 3         | Size 4         | Size 5         | Size 6          |                 |
| Parallel Arm           | Size 4         | Size 5         | Size 6         |                 |                 |

### Features:

- Ease of installation and setup
- Simple instructions
- Application versatility and ease of adjustment. Push or pull side mounted units available
- Operates as mechanical surface closer during close cycles, when door is opened manually or if power is interrupted
- Quiet operation
- Spring force provides the feel of a normal manual door closer
- Adjustable Spring Power
- Backcheck Valve
- Sweep Valve & Latch Valve
- Non-Handed
- Unit Activation Options:
  - Wall switches
  - Radio frequency device
- End-User On/Off Switch
- Hold Open options:
  - 0-30 seconds (5 seconds minimum required for ADA and ANSI/BHMA A156.19)

- Obstruction Detection:
  - Motor stops if door is obstructed during a powered opening cycle
  - Door closes under manual spring force (not to exceed 15lbs)
- Power Input: 120 VAC, 60Hz
- Current Draw: .6A
- Relay Output: DPDT
  - Normally Open/Normally Closed (jumper) for electric strike function
- On Board UL Listed Power Supply
  - Rated at 1.1 amps
  - 24VDC filtered and regulated voltage output
- 2-year warranty

### Finishes:

- Aluminum (689), Specify AL
- Dark Bronze (690), Specify DB

