



# 1602 PARKING CONTROL BARRIER GATE OPERATOR

• COMMERCIAL • INDUSTRIAL



- Designed to control wide traffic lanes (27 feet maximum) in limited use applications
- Suitable for low-cycle applications to restricted access areas such as prisons, airport security areas or industrial sites
- Electronic limit settings
- Three-piece aluminum arms available in 20, 24 and 27 foot lengths. Three-piece wood arm available in 20 foot length only
- 5-year limited warranty



**automatic p.a.m.s.**  
sequencing with slide and swing gates



**foam padding**  
available for added protection

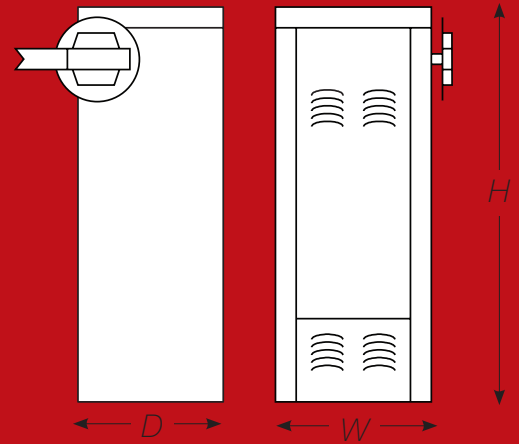


**fan/heater kits**  
options available for extreme weather



**wishbone style aluminum**  
arms up to 27 feet in length and wood arms up to 20 feet in length

# 1602 PARKING CONTROL BARRIER GATE OPERATOR



## 1602 1 HP

15" W x 38" H x 15" D (38.1cm W x 96.5cm H x 38.1cm D)

	CLASS OF OPERATION	MAX ARM LENGTH	TYPE	MOTOR	INPUT	OPTIONS
<b>1602</b>	II, III, IV	20 Ft (6.1 m) 20 Ft (6.1 m) 24 Ft (7.3 m) 27 Ft (8.2 m)	Wood Aluminum Aluminum Aluminum	1 HP Continuous Duty AC Motor	115 VAC, 60 HZ, 9.7A 230 VAC, 60 HZ, 4.9A* 460 VAC, 60 HZ, 2.5A*	Convenience Open Package † Heater Kit Fan Kit

\* These operators use a step-down transformer to achieve 115 VAC operating voltage.

† Optional factory installed DC powered drive system provides an automatic method to open the gate when primary (AC) power fails.

## Technical Features

### Mechanical

Primary Reduction is provided by a 60:1 worm gear reduction system running in a continuous oil bath

Arm rotates 90° in approximately 5 seconds

G90 galvanized steel housing, painted white rated NEMA 4x

Fail-secure mechanical release method

Left- or right-hand mount

360° gear box rotation before the motor changes direction. This provides for smooth operation, evens wear across the entire gear-box, and increases the life span of the operator

Arm Kits

Three-piece 3" round aluminum arm available in 20, 24 and 27 foot length

Three-piece 1x3" kiln dried wood arm available in 20 foot length only

All arm kits include counter-balance weights

### Electrical

Magnetic electronic limit controls

Auto-close timer 1-23 seconds

P.A.M.S. (Perimeter Access Management System) sequence with a slide or swing gate operator

Up input memory buffer

Down memory option

Multiple up commands

Port for plug-in open (up) detector

Port for plug-in reverse (down) detector

Ports for plug-in loop detectors

Programming switches

Built-in power On/Off switch

Gate Tracker™ reporting output provides operator data to access control system (DKS 1833, 1835, 1837 or 1838 only)

### Miscellaneous

Environmental: 10°F to 140°F (-12°C to 62°C)

Thermostatically controlled heater kit recommended for colder environments

Shipping weight approximately 160-180 Lbs (72-81 kg)  
Arm kit: 45 Lbs (20 kg)



Access Control Solutions since 1948

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MEMBER:



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