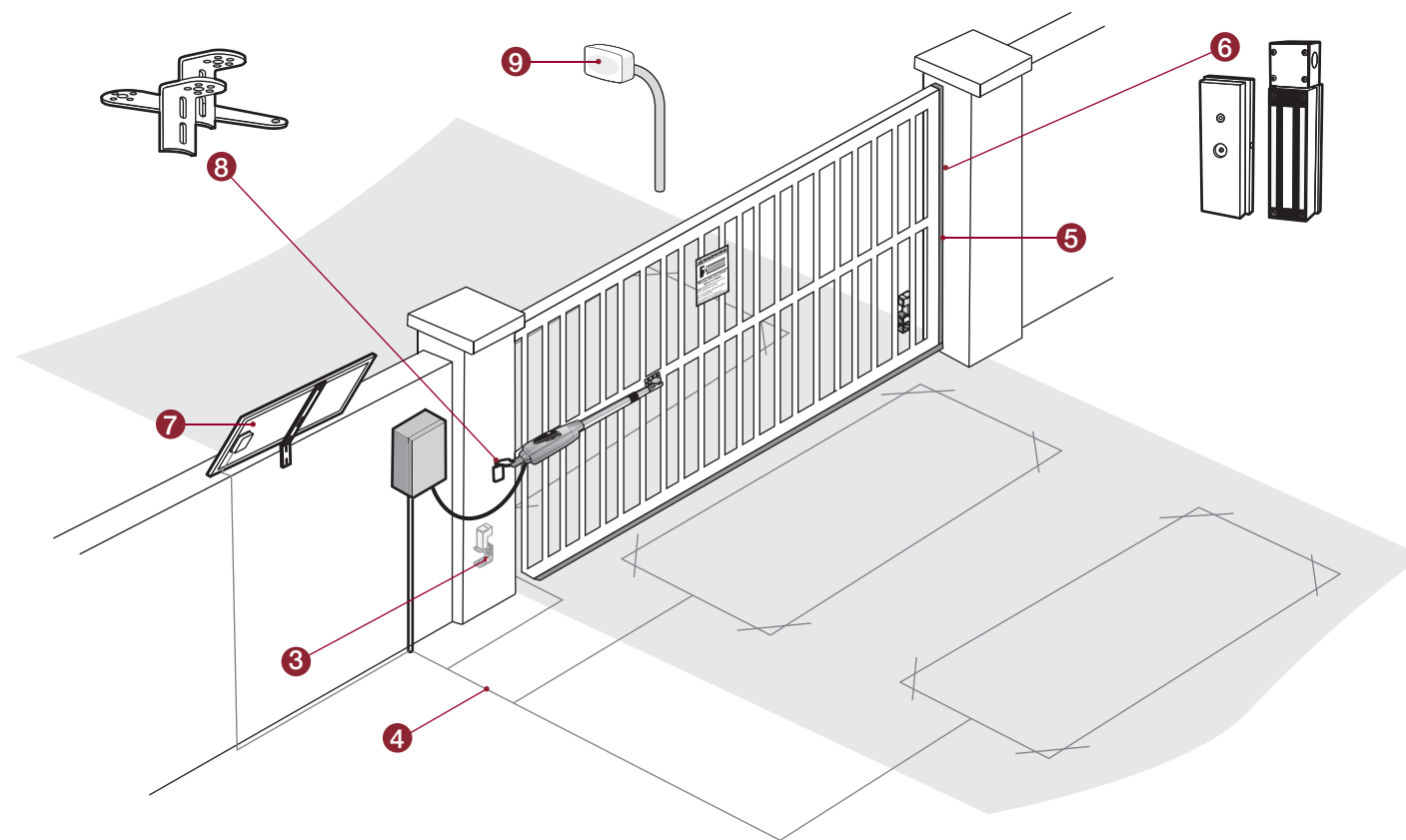
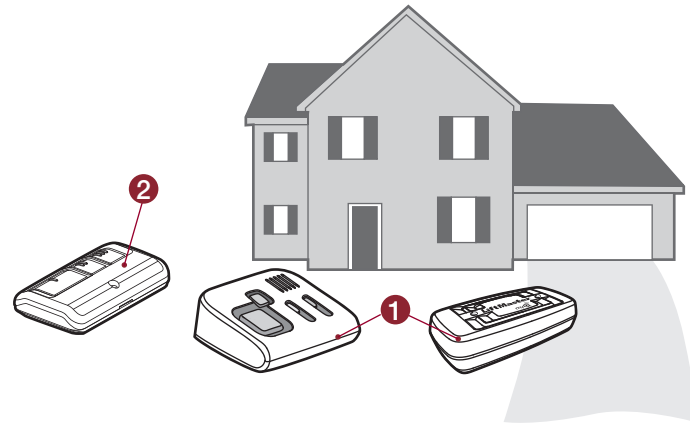


Model LA400DC

Gate Operator and Accessory Site Plan


- 1 MyQ® Enabled Indoor Controls
- 2 Remote Controls
- 3 Photoelectric Sensors
- 4 Loop Detectors
- 5 Edge Sensors
- 6 Locks
- 7 Solar
- 8 Hardware
- 9 Access Controls



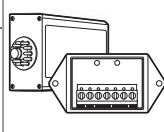
LiftMaster gate operators comply with UL 325 standards. Important: To be compliant with UL 325 and industry safety guidelines, qualified monitored external entrapment protection devices such as photoelectric sensors or edge sensors are required to be installed with this operator.

ORDER SUMMARY		
Customer:		Date:
Project:		
Architect/Engineer:		
Contractor:		
Gate Length (ft.):	Gate Weight (lbs.):	Solar (Y/N):
Power Source (120 or 240 VAC):		

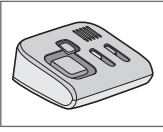
- 1** **828LM***
LiftMaster Internet Gateway
Imagine your Customers being at the office and receiving an alert if they left their garage or gate open. Or being able to turn on their lights before they get home. The LiftMaster 828LM Internet Gateway, which connects to your Customer's router and enables smartphone control, does this by letting them monitor, open and close their garage door or gate from anywhere and control home lighting.



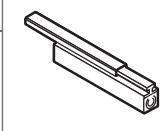
4 **LD7LP**
LiftMaster Loop Detector
Low power draw maximizes standby time, ensures vehicles are easily identified and opens, reverses or holds open gate.



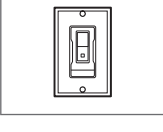
2 **829LM**
Garage and Gate Monitor
Monitor and close up to four garage doors or gate operators from any room in the house.



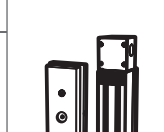
5 **65-MG020-5**
Sensing Edge
Standard edges will cause a gate to stop or reverse when it meets an obstruction while closing. Edge length is 5 ft.



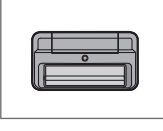
3 **823LM**
Remote Light Switch
Controls light remotely, in your garage, yard or home.



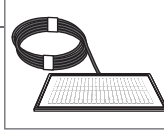
6 **MG1300**
Magnetic Gate Lock
LiftMaster Elite Series® Maglock (MG1300) Securely holds the gate in the closed position keeping unwanted visitors out. (1300lb holding force)




7 **811LM & 813LM**
Universal DIP Single-Button and 3-Button Remote Control
Ideal for applications requiring a large number of remotes for a common entrance.



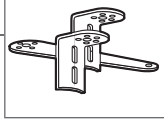
8 **SOLPNL10W12V**
10 Watt 12V Solar Panel
Ideal for remote and sunny areas without access to an AC outlet. Two 12V Solar panels required for 24V operators such as the LA400.



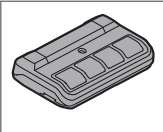
8 **892LT**
2-Button Security+ 2.0™ Learning Remote Control
This remote control is ideal for gated communities. One button can control a gate operator and the other can control a garage door. It can also be programmed to different codes and frequencies.




8 **50-19503**
Push-To-Open Bracket
Allows the gate to swing out from the property.



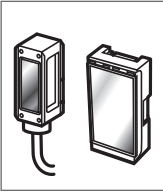
9 **894LT**
4-Button Security+ 2.0™ Learning Remote Control
This remote control is ideal for gated communities. One button can control a gate operator and the others can control a garage door. It can also be programmed to different codes and frequencies.



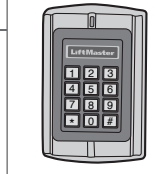
9 **EL25**
Residential and Commercial Telephone Entry System
The EL25 is a beautifully engineered telephone entry system for private residences, yet fully adaptable for use in apartment buildings, condo complexes, office parks and commercial sites.



3 **CPS-RPEN4GM**
Photoelectric Sensor
The photoelectric sensors are designed to detect an obstacle in the path of the electronic beam and stop the operator. Includes mounting brackets.



9 **KPR2000**
Single Entry Access Control Keypad and Proximity Reader
The KPR2000 is a feature-rich Keypad and proximity card reader access controller that is simple to install and looks great, making it an excellent choice for both residential and commercial applications.



* LiftMaster® Internet Gateway Accessory functionality is dependent on communication with a MyQ® Enabled gate operator. MyQ® Technology communication can be limited by distance and type of exterior building materials. A general range estimate is 300 ft.

Model LA400DC

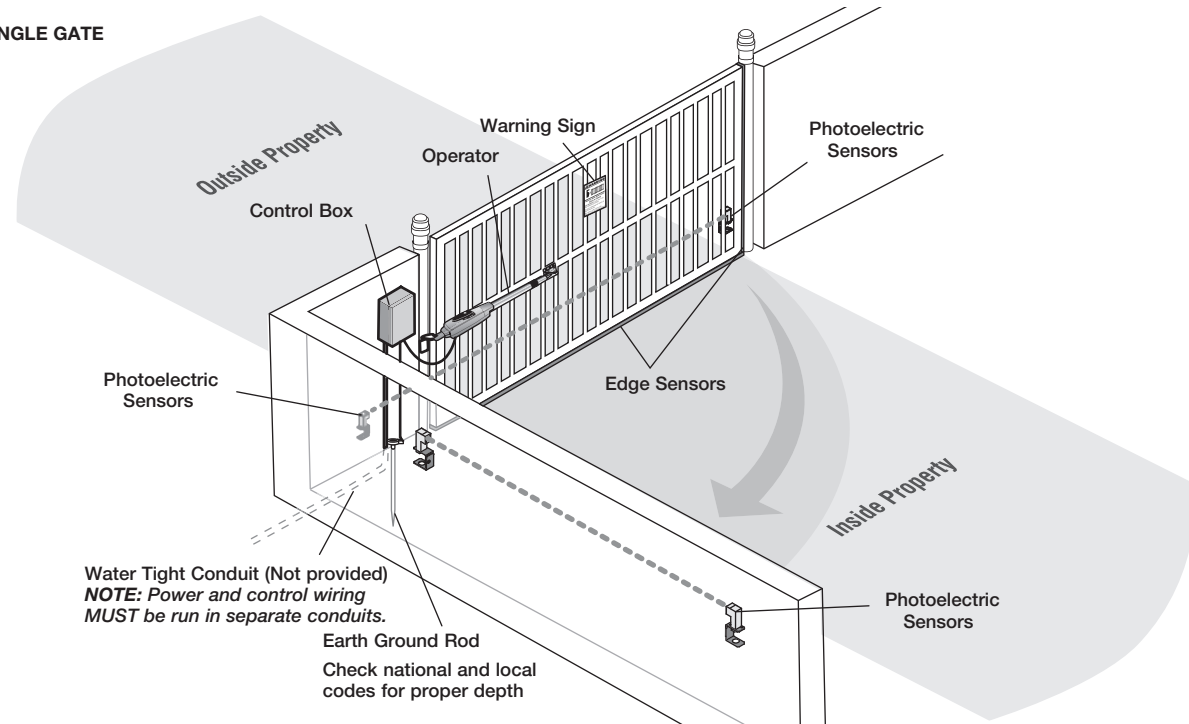
Installation Blueprint

TYPICAL INSTALLATION

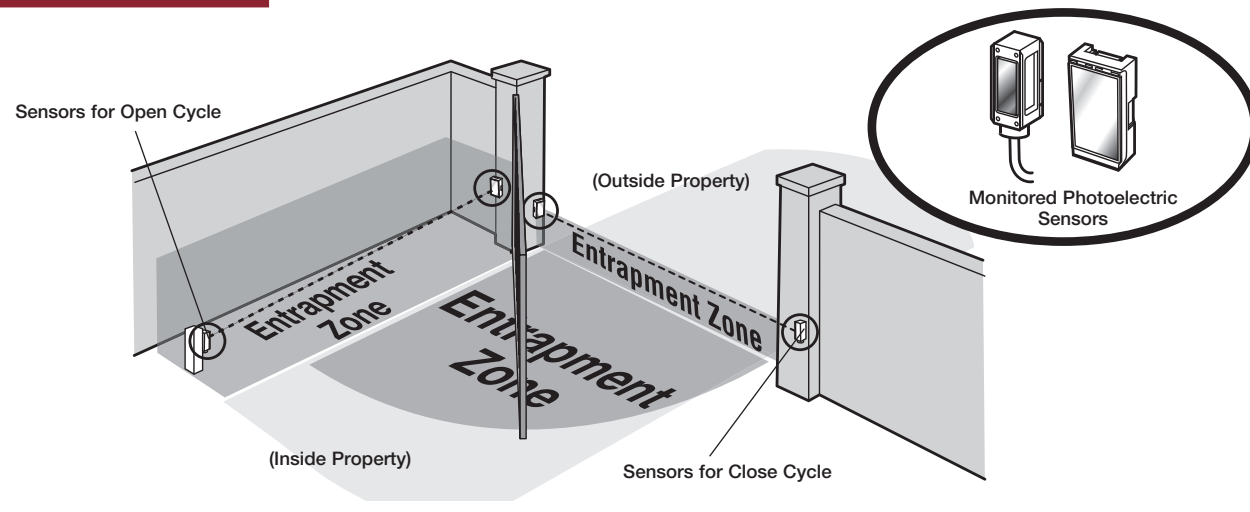
NOTE: Use copper conductors ONLY.

OPERATOR POWER SOURCE		
Wire Gauge	DIRECT PLUG-IN TRANSFORMER (120 VAC)	EXTERNAL PLUG-IN TRANSFORMER (24 VAC)
18	n/a	150 feet (46 m)
16	n/a	250 feet (76 m)
14	350 feet (107 m)	400 feet (122 m)
12	525 feet (160 m)	600 feet (183 m)
10	850 feet (259 m)	1,000 feet (305 m)

SINGLE GATE

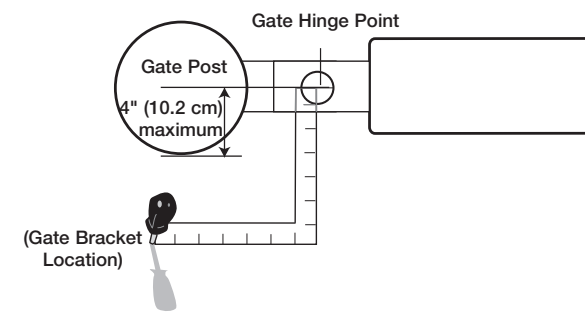


SAFETY LAYOUT

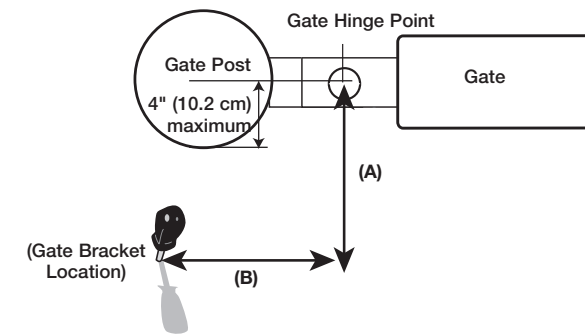


INSTALLATION DIMENSIONS

TEMPLATE METHOD (TOP VIEW)



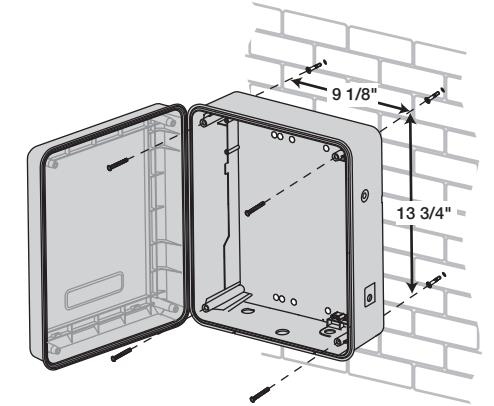
ALTERNATE DIMENSIONS (TOP VIEW)



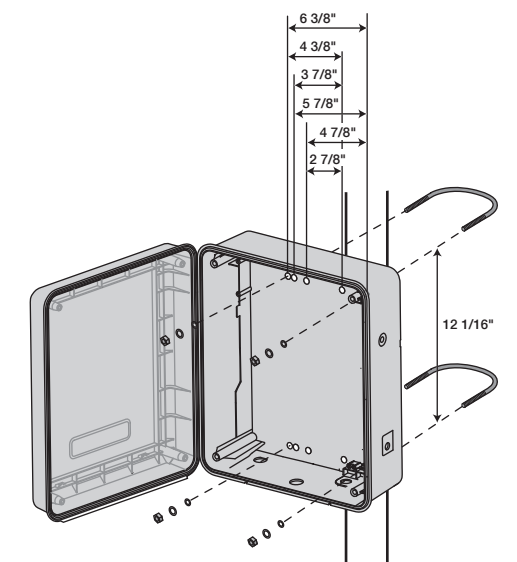
DIMENSION CHART

A	B
7" (17.8 cm)	7" (17.8 cm)
8" (20.3 cm)	6" (15.2 cm)
7-1/2" (19.1 cm)	7-1/2" (19.1 cm)
6-1/2" (16.5 cm)	6-1/2" (16.5 cm)
6" (15.2 cm)	6" (15.2 cm)

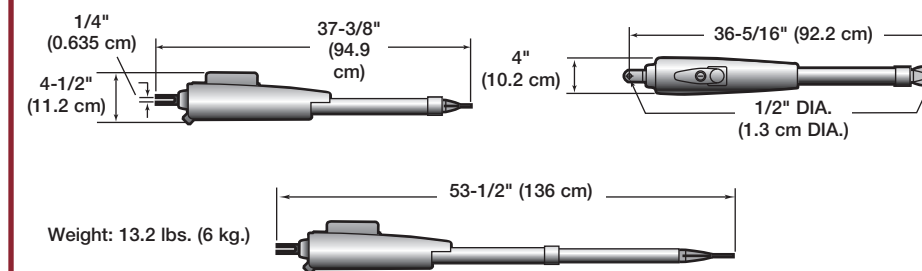
WALL OR COLUMN MOUNT



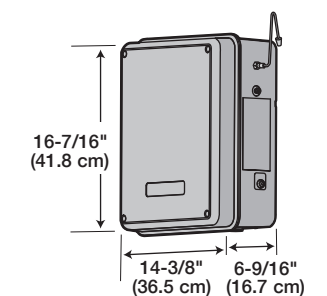
POST MOUNT



GATE OPERATOR



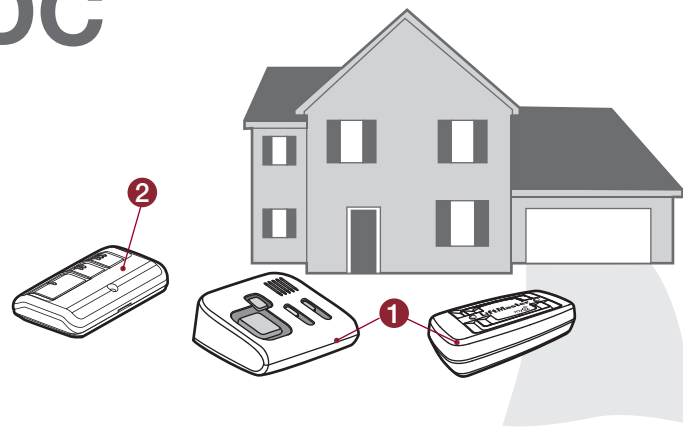
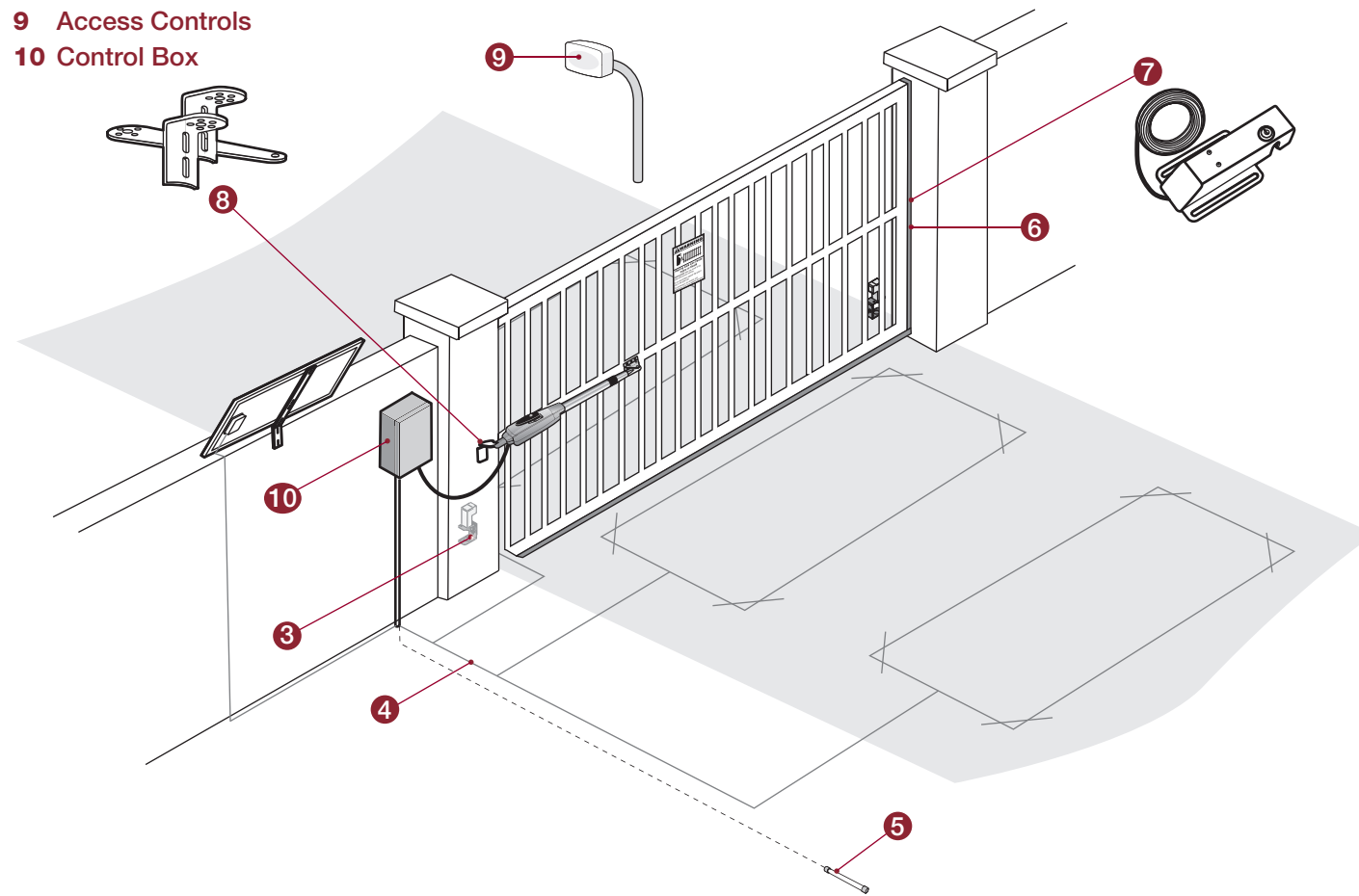
STANDARD CONTROL BOX



Model LA412DC

Gate Operator and Accessory Site Plan


- 1 MyQ® Enabled Indoor Controls
- 2 Remote Controls
- 3 Photoelectric Sensors
- 4 Loop Detectors
- 5 Sensing Probe
- 6 Edge Sensors
- 7 Locks
- 8 Hardware
- 9 Access Controls
- 10 Control Box

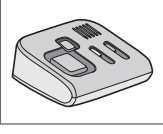


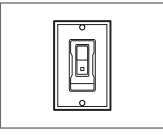
LiftMaster gate operators comply with UL 325 standards. Important: To be compliant with UL 325 and industry safety guidelines, qualified monitored external entrapment protection devices such as photoelectric sensors or edge sensors are required to be installed with this operator.

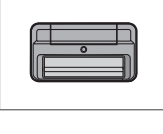
ORDER SUMMARY		
Customer:	Date:	
Project:		
Architect/Engineer:		
Contractor:		
Gate Length (ft.):	Gate Weight (lbs.):	Solar (Y/N):

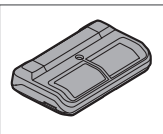
- 1** **828LM***
LiftMaster Internet Gateway
Imagine your Customers being at the office and receiving an alert if they left their garage or gate open. Or being able to turn on their lights before they get home. The LiftMaster 828LM Internet Gateway, which connects to your Customer's router and enables smartphone control, does this by letting them monitor, open and close their garage door or gate from anywhere and control home lighting.

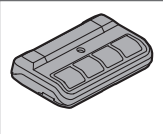

- 829LM**
Garage and Gate Monitor
Monitor and close up to four garage doors or gate operators from any room in the house.

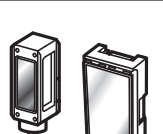

- 823LM**
Remote Light Switch
Controls light remotely, in your garage, yard or home.

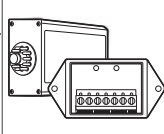

- 2** **811LM & 813LM**
Universal DIP Single-Button and 3-Button Remote Control
Ideal for applications requiring a large number of remotes for a common entrance.



- 892LT**
2-Button Security+ 2.0™ Learning Remote Control
This remote control is ideal for gated communities. One button can control a gate operator and the other can control a garage door. It can also be programmed to different codes and frequencies.

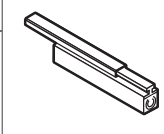

- 894LT**
4-Button Security+ 2.0™ Learning Remote Control
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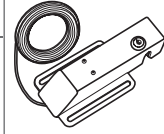

- 3** **CPS-RPEN4GM**
Photoelectric Sensor
The photoelectric sensors are designed to detect an obstacle in the path of the electronic beam and stop the operator. Includes mounting brackets.


- 4** **LD7LP**
LiftMaster Loop Detector
Low power draw maximizes standby time, ensures vehicles are easily identified and opens, reverses or holds open gate.


- 5** **50-CP3**
Driveway Sensing Probe
Automatically opens gate upon exiting property.

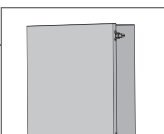

- 6** **65-MG020-5**
Sensing Edge
Standard edges will cause a gate to stop or reverse when it meets an obstruction while closing. Edge length is 5 ft.


- 7** **SGLOCK12V**
LiftMaster Solenoid Lock
Secures the gate, only activates when gate opens or closes to conserve power.


- 8** **50-19503**
Push-To-Open Bracket
Allows the gate to swing out from the property.


- 9** **KPR2000**
Single Entry Access Control Keypad and Proximity Reader
The KPR2000 is a feature-rich Keypad and proximity card reader access controller that is simple to install and looks great, making it an excellent choice for both residential and commercial applications.


- 10** **XLSOLARCONTDC**
XL Solar Control Box
Double the interior room of a standard control box allowing space for additional accessories or larger batteries for higher-cycle applications.

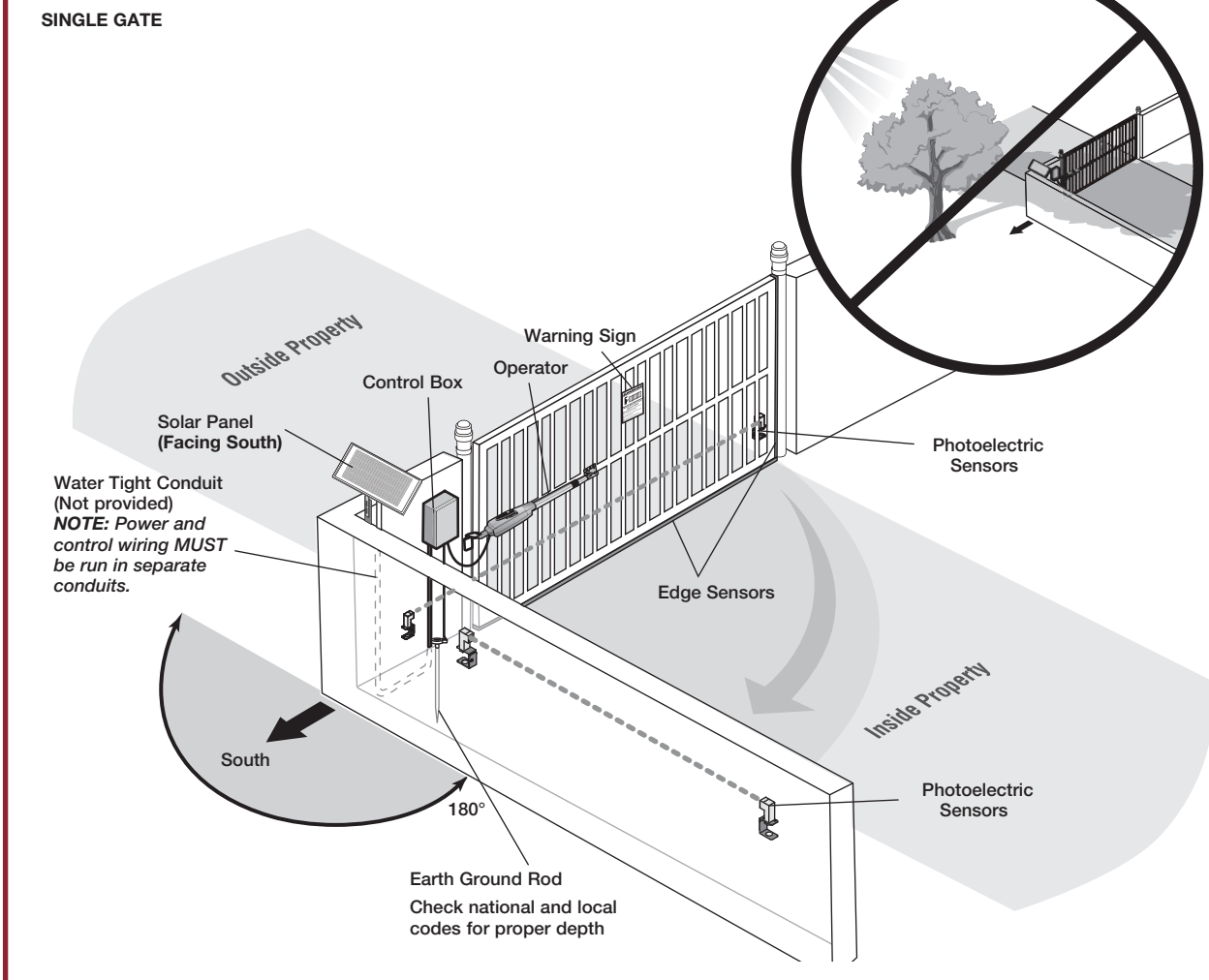


* LiftMaster® Internet Gateway Accessory functionality is dependent on communication with a MyQ® Enabled gate operator. MyQ® Technology communication can be limited by distance and type of exterior building materials. A general range estimate is 300 ft.

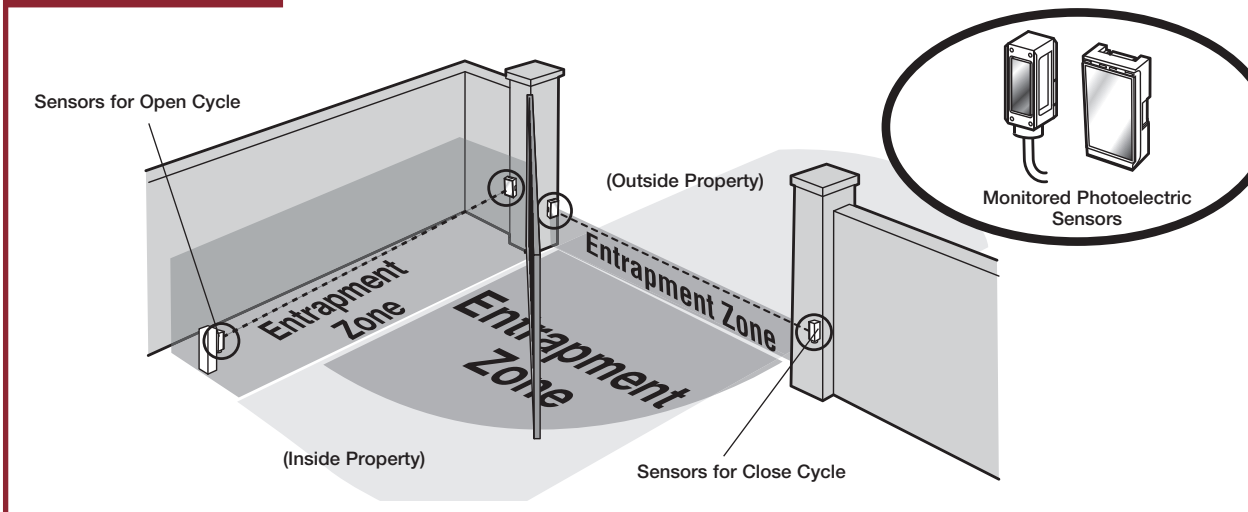
Model LA412DC

Installation Blueprint

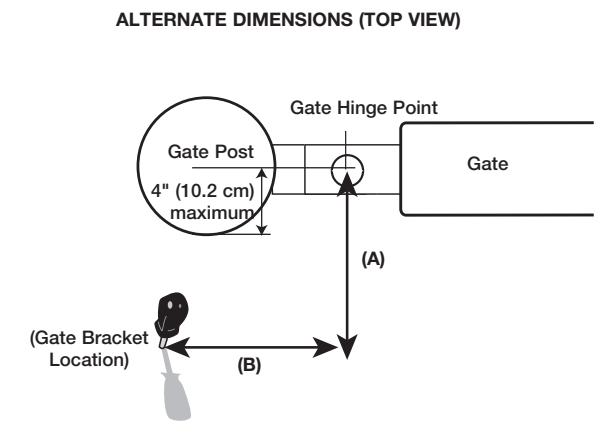
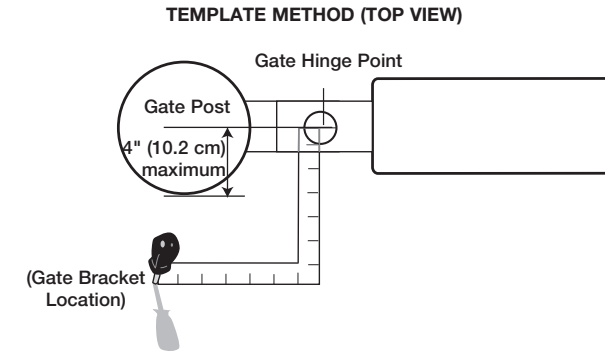
TYPICAL INSTALLATION



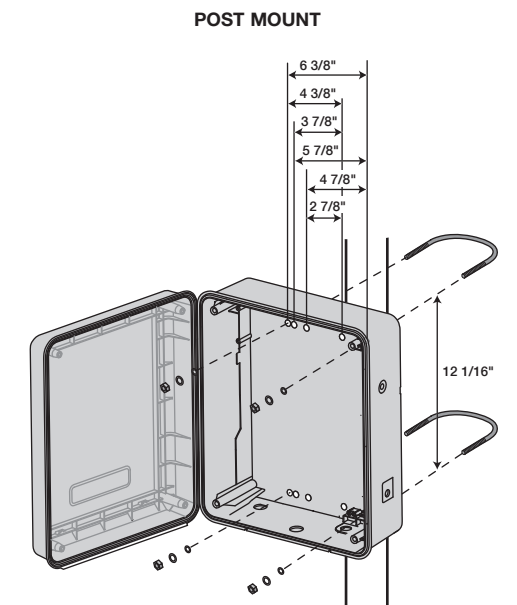
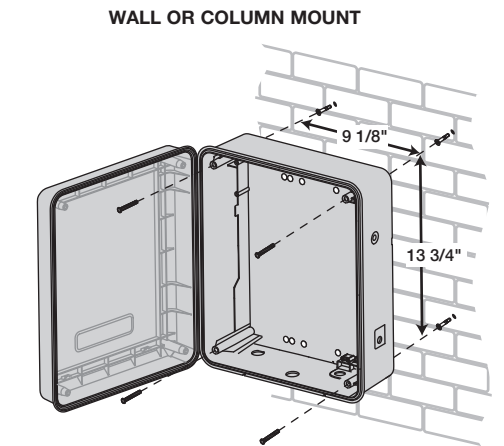
SAFETY LAYOUT



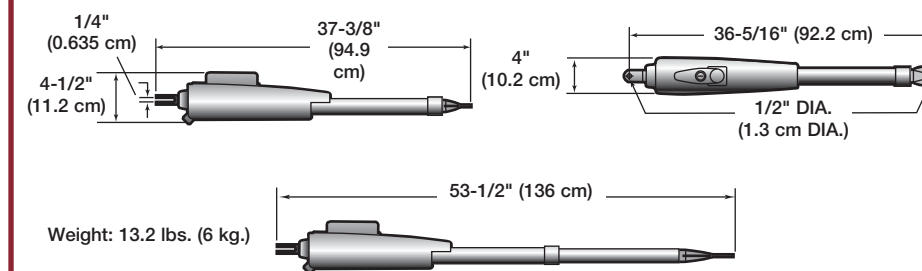
INSTALLATION DIMENSIONS



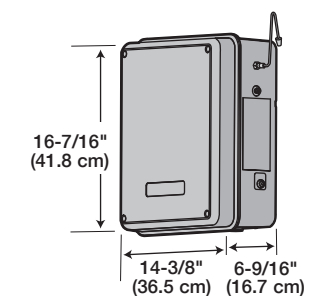
DIMENSION CHART	
A	B
7" (17.8 cm)	7" (17.8 cm)
8" (20.3 cm)	6" (15.2 cm)
7-1/2" (19.1 cm)	7-1/2" (19.1 cm)
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6" (15.2 cm)	6" (15.2 cm)



GATE OPERATOR



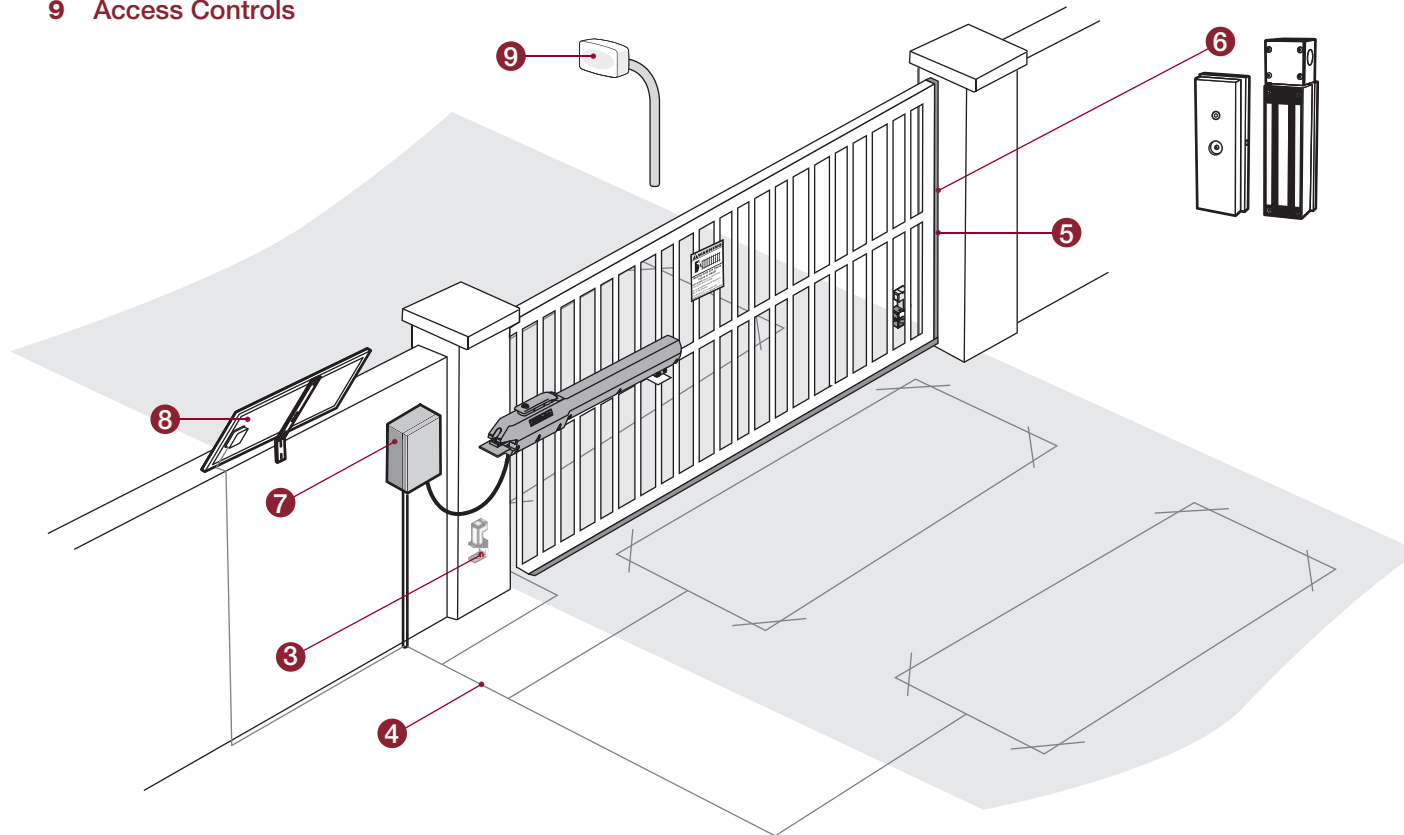
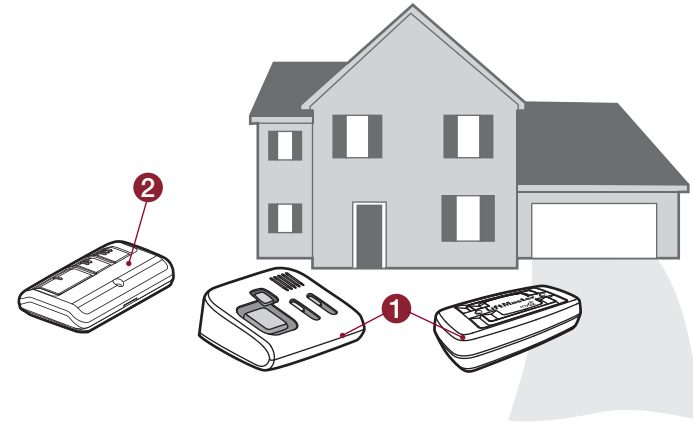
STANDARD CONTROL BOX



Model LA500DC

Gate Operator and Accessory Site Plan

- 1 MyQ® Enabled Indoor Controls
- 2 Remote Controls
- 3 Photoelectric Sensors
- 4 Loop Detectors
- 5 Edge Sensors
- 6 Locks
- 7 Control Box
- 8 Solar
- 9 Access Controls




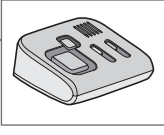
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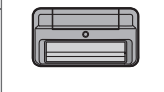
ORDER SUMMARY		
Customer:	Date:	
Project:		
Architect/Engineer:		
Contractor:		
Gate Length (ft.):	Gate Weight (lbs.):	Solar (Y/N):
Power Source (120 or 240 VAC):		

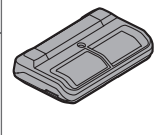
LiftMaster.com

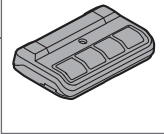
- 1** **828LM***
LiftMaster Internet Gateway
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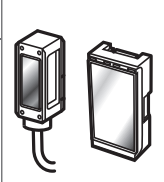

- 829LM**
Garage and Gate Monitor
Monitor and close up to four garage doors or gate operators from any room in the house.

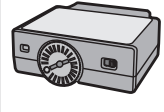

- 2** **811LM**
Universal DIP Single-Button Remote Control
This remote control is deal for applications such as gated communities or commercial applications requiring a large number of remotes for a common entrance.

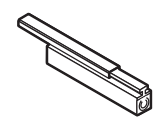

- 892LT**
2-Button Security+ 2.0™ Learning Remote Control
This remote control is ideal for gated communities. One button can control a gate operator and the other can control a garage door. It can also be programmed to different codes and frequencies.

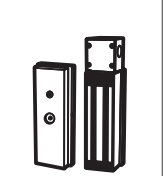

- 894LT**
4-Button Security+ 2.0™ Learning Remote Control
This remote control is ideal for gated communities. One button can control a gate operator and the others can control a garage door. It can also be programmed to different codes and frequencies.

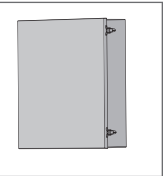

- 3** **CPS-RPEN4GM**
Photoelectric Sensor
The photoelectric sensors are designed to detect an obstacle in the path of the electronic beam and stop the operator. Includes mounting brackets.

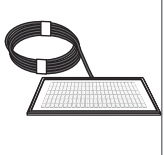

- 4** **LOOPDETLM**
Plug-In Loop Detector
Plug-in Loop Detector, (LOOPDETLM) innovative design includes 8 sensitivity settings & boost, ensures vehicles are easily identified.



- 5** **65-MG020-5**
Sensing Edge
Standard edges will cause a gate to stop or reverse when it meets an obstruction while closing. Edge length is 5 ft.



- 6** **MG1300**
Magnetic Gate Lock
LiftMaster Elite Series® Maglock (MG1300) Securely holds the gate in the closed position keeping unwanted visitors out. (1300lb holding force)


- 7** **LA500CONTXLMD**
Large Metal Control Box
Double the interior room of a standard control box allowing space for additional accessories. Lockable with padlock.


- 8** **SOLPNL10W12V**
10 Watt 12V Solar Panel
 SOLPNL20W12V
20 Watt 12V Solar Panel
Ideal for remote and sunny areas without access to an AC outlet. Two 12V Solar panels required for 24V operators such as the LA500.


- 9** **EL25**
Residential and Commercial Telephone Entry System
The EL25 is a beautifully engineered telephone entry system for private residences, yet fully adaptable for use in apartment buildings, condo complexes, office parks and commercial sites.


- KPR2000**
Single Entry Access Control Keypad and Proximity Reader
The KPR2000 is a feature-rich Keypad and proximity card reader access controller that is simple to install and looks great, making it an excellent choice for both residential and commercial applications.



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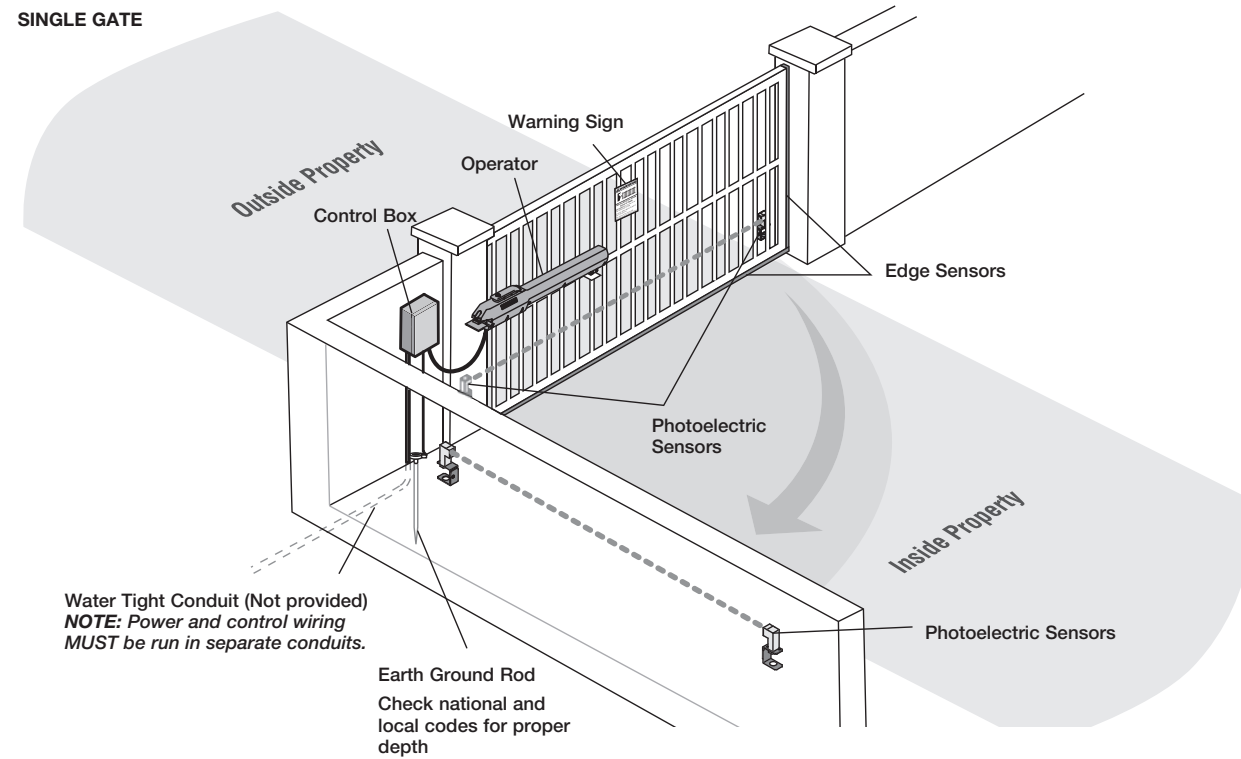
Model LA500DC

Installation Blueprint

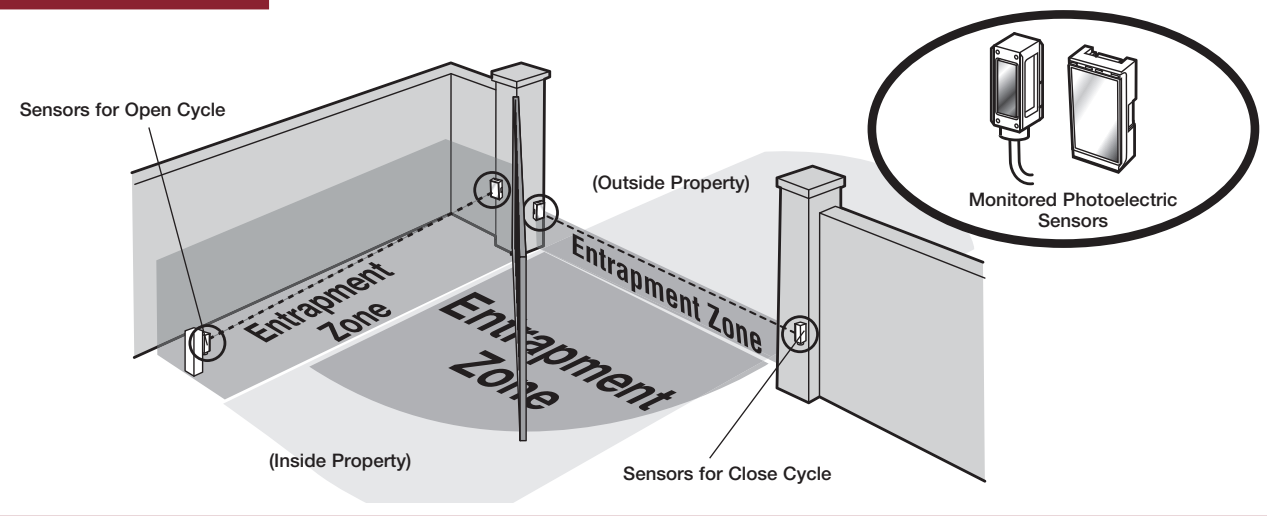
TYPICAL INSTALLATION

OPERATOR POWER SOURCE		
Wire Gauge	120 Vac	240 Vac
14	350 feet (107 m)	1,150 feet (351 m)
12	525 feet (160 m)	1,850 feet (564 m)
10	850 feet (259 m)	2,950 feet (899 m)

SINGLE GATE



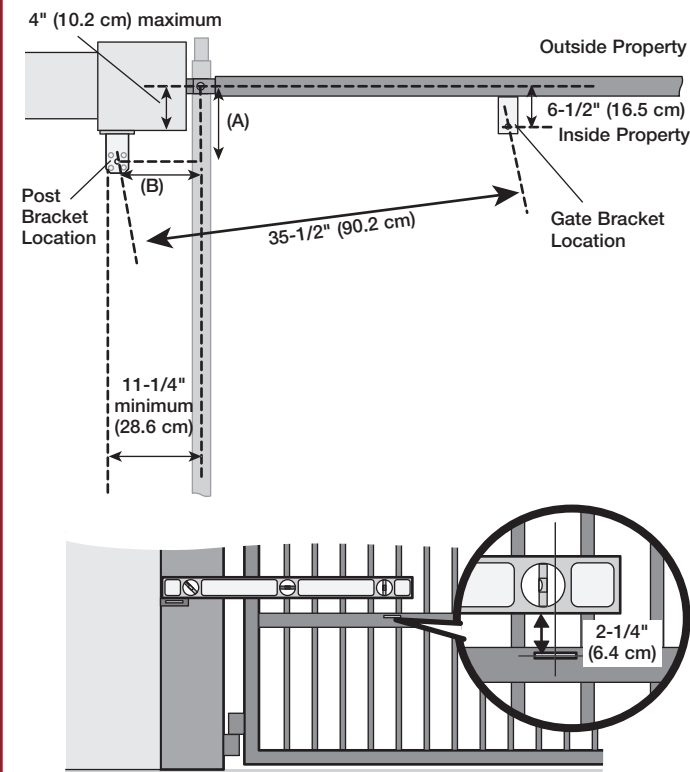
SAFETY LAYOUT



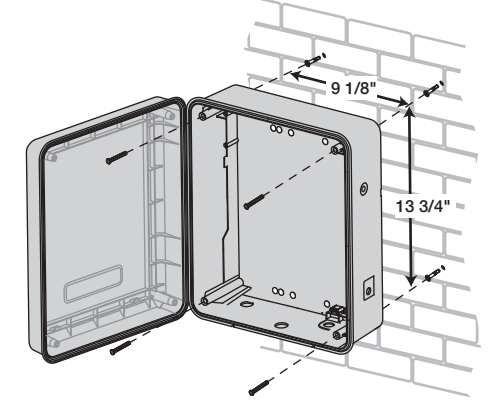
INSTALLATION DIMENSIONS

DIMENSION CHART	
A	B
7-3/4" (19.7 cm)	8-1/2" (21.6 cm)
8-1/2" (21.6 cm)	7-3/4" (19.7 cm)
9" (22.9 cm)	9" (22.9 cm)
9" (22.9 cm)	8-1/2" (21.6 cm)
7-1/2" (19.1 cm)	7-1/2" (19.1 cm)

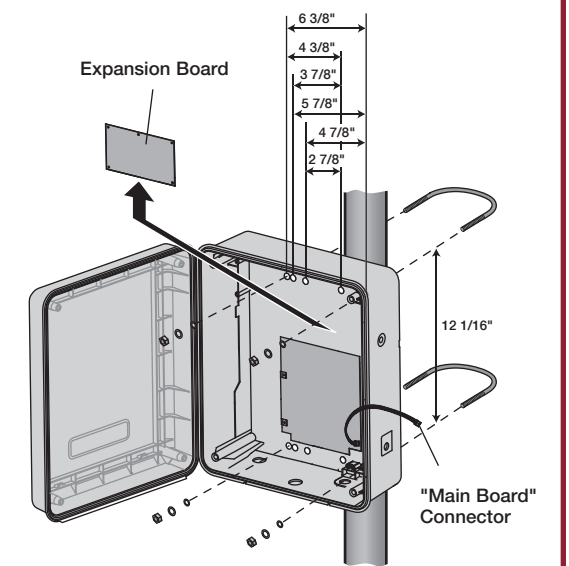
TOP VIEW OF GATE



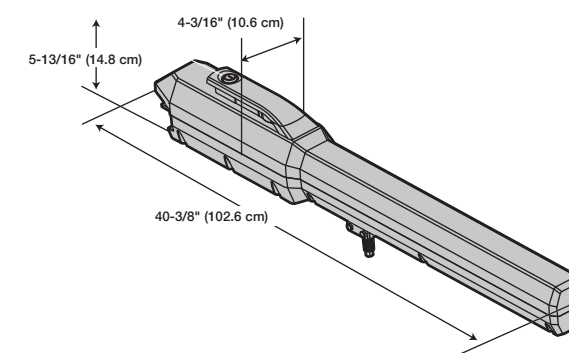
WALL OR COLUMN MOUNT



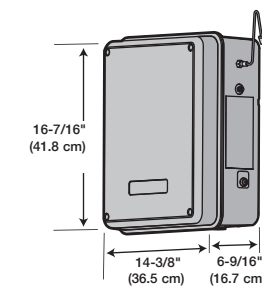
POST MOUNT



GATE OPERATOR



STANDARD CONTROL BOX



LARGE METAL CONTROL BOX

