



The last thing she's thinking about is gate safety . . .

**thats our job.**

Since 1965, FAAC has become an industry leader in the development and promotion of safer automated gate systems.

FAAC operators for swinging and sliding gates are among the safest available. The anti-entrapment and security protection provided by all gate operators can and should improved with photobeams, loop detectors, sensing edges and/or other similar devices. FAAC strongly recommends that devices such as those highlighted in this brochure be installed with all automated gate systems.

# Safety

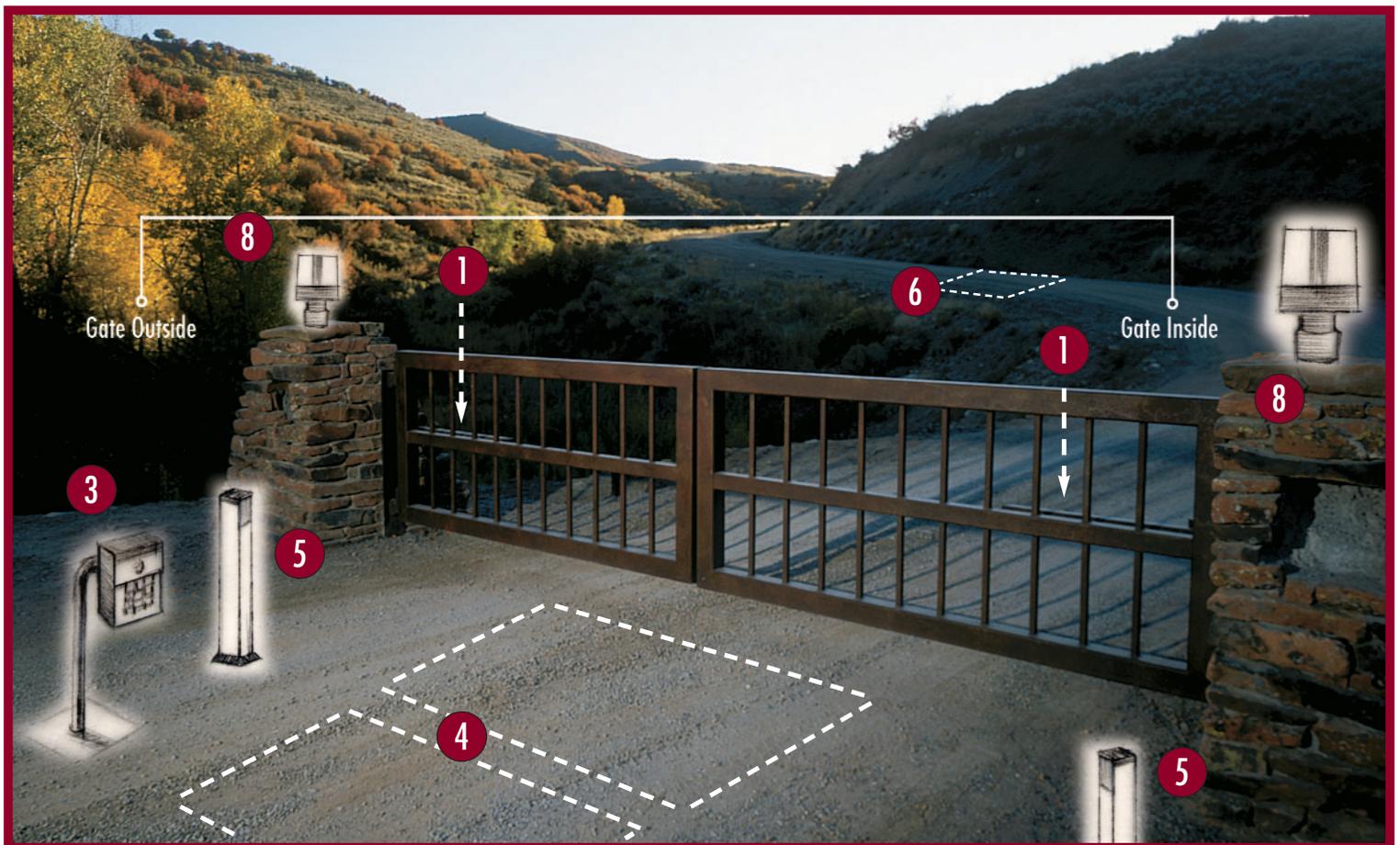
## A Complete Swing Gate System Designed with Safety in Mind

What is UL 325 and why is it important?

In order to prevent personal injuries associated with automated gate systems, United Laboratories (UL), along with several government-sponsored consumer safety organizations, developed what is called the UL 325 Standards for gate safety (much the same as has now been done with automatic garage door systems). These standards are meant to protect people, not vehicles, by providing at least two types of safety measures (primary and secondary) in the event a person becomes entrapped by the gate system. Consequently, every manufacturer must have their products tested at an approved laboratory to ensure that their safety measures work. For FAAC, our safety measures include a hydraulic bypass as primary and photobeams as secondary...and we've been providing these safety standards for more than 40 years!

To our knowledge, FAAC is the only manufacturer to sell gate system "kits" which are UL 325 compliant, right out of the box.

For more information on access control options, refer to the "ACCESSORIES CATALOG" section on the Home Page of our web site at [www.faacusa.com](http://www.faacusa.com).



To guarantee the safety and efficiency of its equipment, FAAC also strongly recommends that qualified personnel perform an annual safety test on your gate system, as well as maintain the overall hydraulic or mechanical system.

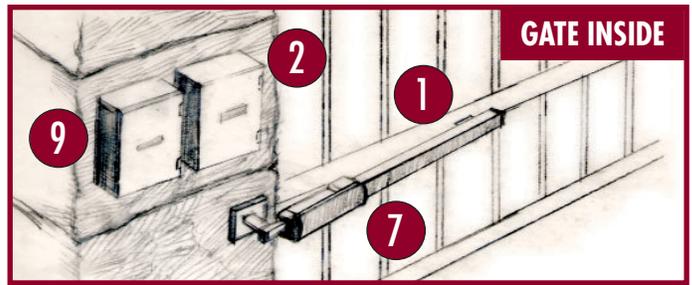
# Gate Safety System



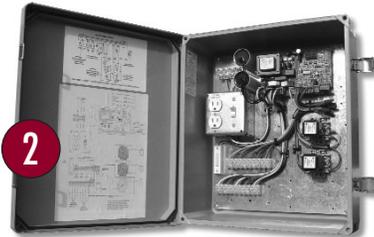
1

## Gate Operator

The swing gate operator (either gate-mounted or in-ground) automates the gate.



GATE INSIDE



2

## Control Panel

The "brain" of the gate system, the control panel is usually housed in a fiberglass or metal, weather-resistant enclosure along with other important access control devices. For security and safety, it is recommended that this enclosure be lockable. Another recommended option is to install a "pre-wired" control system from the manufacturer that provides accurate, organized wiring which is extremely helpful in future troubleshooting or repairs.

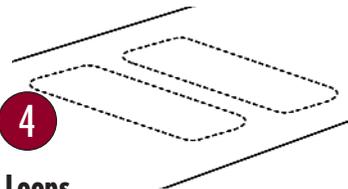


3

## Access Control Options

A variety of access control devices are available, including these conventional options:

- Keypad: provides multiple codes for different visitors such as relatives, workers, regular deliveries, etc.
- Keyswitch/card reader: simplified access control using a special key or coded plastic card.
- Telephone entry: connects to existing phone line and features distinctive ring to alert you that someone is at the gate. Gates can be opened from the phone itself, and a "hold open" feature allows for gates to remain open for extended periods of time.
- Radios: radio receiver plugs into control panel and transmitters are conveniently kept in vehicles or on key ring.



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## Loops

Normally used to activate traffic lights, in-ground loop detectors can also signal your gate operator to open or close. But remember, they are designed to **protect vehicles only**, not to protect pedestrians or individuals inside the fenced area.



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## Photobeams

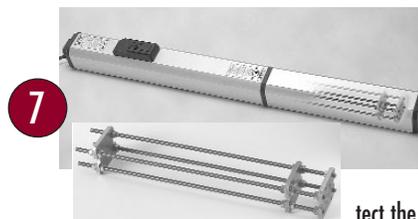
Photobeams protect anything that "breaks" the beam (vehicles, pedestrians, animals and, especially, children) which causes a reversal of the gate operators. Two sets of photobeams are recommended for best coverage.



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## Free Exit

For residential purposes, this in-ground loop or radio system automatically opens and closes your gate system to allow guests or visitors to exit your property without you having to do anything.



7

## Gate Stops (concealed)

Gate stops are required on all FAAC gate systems. Stops limit the extent of gate travel and help protect the operator from damaging wear

and tear. Stops can be fabricated and attached to the gate leaves, but don't look particularly attractive and can also create unsafe "pinch points." These problems can be solved by installing gate stops that are totally concealed inside the gate operator cover.



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## Warning Light

A warning light will alert anyone near the gate of its imminent movement plus helps to illuminate the gate area.



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## Battery Back-up

Having a battery back-up unit as part of your gate system provides the peace of mind of knowing that your gate will continue to operate even if the power goes out.

## GATE-SAFE

Your gate system can also be set up to provide special safety options, including "Gate-safe" and "Gate-secure" configurations (refer also to #9 on this sheet).

**Gate-safe:** During power outages, the hydraulic operator can be configured to allow the gate to be pushed open, permitting emergency access to your property.

**Gate-secure:** During power outages, your gate stays closed and locked.



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**UL 325**  
**COMPLIANT**  
CSI # 02820 -  
Gate Operators

