Linear® OSCO® OPERATORS

BARRIER GATE OPERATORS

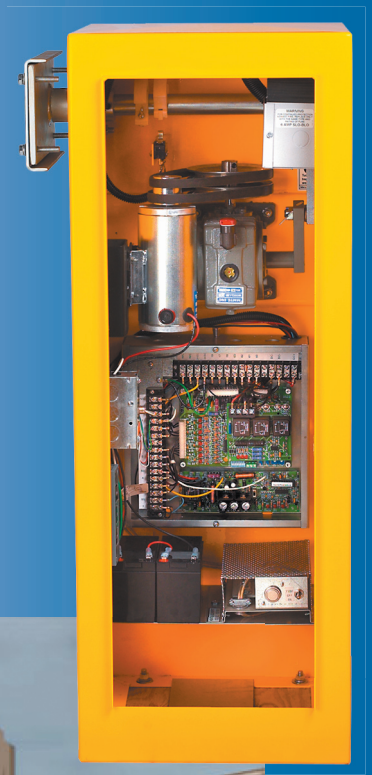
Models BGU and BGU-D

COMMON FEATURES

- Lockable galvannealed steel cabinet with white or yellow powder coat finish
- 10',12', or 14' wood arm included
- Heavy-duty right-angle oil bath gear reducer
- Heavy-duty harmonic link with bronze bushings
- UL325/UL991 compliant 24VDC control board

BGU-D FEATURES:

- Full time DC powered battery backup with seamless transition
- Full-time ½ HP DC motor
- Selectable fail safe or fail secure modes of operation
- Solar power capable
- Batteries included



BGU
115 VAC

BGU-D
Full-time DC powered battery backup

All Models ETL Listed;
UL325 Compliant

Supporters and Proud Members of
DASMA AFA IDA

ELECTRICAL

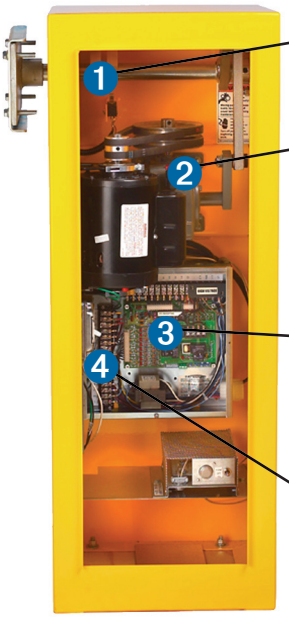
- Solid state 24V control board UL325/UL991 compliant
- 15 Diagnostic LEDs on board for ease of setup and trouble shooting
- Integral entrapment sensing system with dual multi-turn precision potentiometers for accurate adjustment and enhanced safety
- Integrated maximum run and auto close timer (0-124 seconds)
- Built-in master/slave capability using 3-wire shielded cable
- 24V AC and DC power available for access control accessories

MECHANICAL

- Lockable powder coated cabinet available in yellow or white
- 10', 12', or 14' wood gate arm included. Painted white with yellow and black warning tape on both sides
- Heavy-duty gate arm clamp with integrated cutting bracket

BGU and BGU-D OPERATOR SPECIFICATIONS

Model		HP	Voltage	Arm Legnth	Seconds to Open	Maximum Cycles
BGU	BGU-10-3	1/3	115	10'	2	Continuous
	BGU-12-3	1/3	115	12'	2.5	Continuous
	BGU-14-3	1/3	115	14'	2.5	Continuous
BGU-D	BGU-D-10-2	1/2	115/24VDC Solar Optional	10'	2.8	Continuous
	BGU-D-12-2	1/2	115/24VDC Solar Optional	12'	2.8	Continuous
	BGU-D-14-2	1/2	115/24VDC Solar Optional	14'	2.8	Continuous



Model BGU shown with optional thermostatically controlled heater

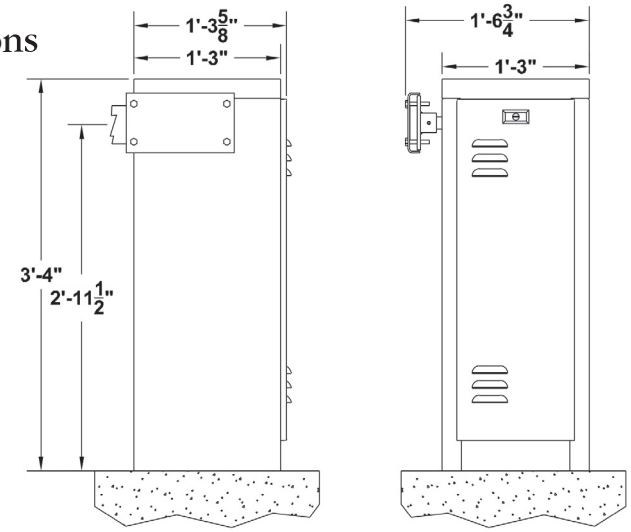
1 Cam operated limits
- Easily accessible through access door

2 Heavy-duty drive components
- Oil bath gear reduction
- Harmonic link with oil impregnated bronze bushings
- Dual V-belt drive

3 Solid-state control circuitry
- UL325/UL991 compliant 24VDC control board
- Full feature for access control, security, and entrapment protection

4 Standard convenience features
- Power on/off button
- Accessory power outlet on 115V operators
- 3-button station

Dimensions



CAUTIONS

- Automatic gates not for pedestrians
- Automatic gate operators designed for vehicular traffic only; operators are powerful and can cause serious injury or death; DIRECT ALL PEDESTRIAN TRAFFIC TO SEPARATE PEDESTRIAN GATE
- UL325 requires use of contact or non-contact anti-entrapment devices
- ASTM F2200 requires that all exposed rollers are covered

Linear OSCO OPERATORS

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