



LANE VALENTE
TRAFFIC CONTROL



RBG-100/-120/-140/-160 | Road Barrier Gate (RBG)

The RBG has been redesigned to be stronger, sleeker, and easier to maintain than any other plate barrier system. With the new limit switch placement, non-control buttress fortification, and plate-quality steel, the RBG is the most durable and versatile gate available to control traffic at a secure checkpoint. This system can accommodate clear widths ranging from ten feet to twenty-five feet. Weighing in at over a ton, the RBG will be an intimidating visual deterrent. At the core of the system is an advanced PLC controller that is programmed to control all standard system features and can be customized to incorporate virtually any client requested options. Common uses for the system include revenue control, rental car agencies, secure checkpoints, and many more. The system can be anchored into concrete on flat surfaces or at an angle on a ramp.

Power Requirements:

- 1.5HP, 115V, 60HZ, 1PH. Min Circuit Ampacity: 25A Max BRKR/FUSE: 30A
- 1.5HP, 208-230V, 60HZ, 1PH. Min Circ Ampacity: 15A Max BRKR/FUSE: 20A

All power and signal wiring for the unit shall only be installed by a qualified person that has been approved by the Authority Having Jurisdiction (AHJ). Consult your local AHJ for approved electrical installation requirements. Branch circuit breaker must be rated for "HACR" and "High Magnetic" and/or "HID" loads.

System Assembly and Control Circuit:

Each system is completely pre-wired and tested at the factory. Physical installation only requires connection of AC power and the low voltage control wire. Controls and wiring can be configured to allow: remote open and close from multiple locations, radio open and close, card reader, key switch, or vehicle detector.

Traffic Lights and Safety Signs:

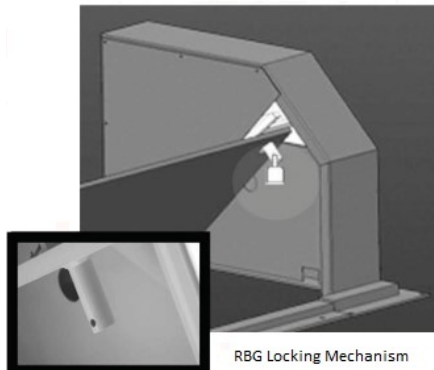
Red and Yellow traffic signals are available. The yellow light indicates the barrier is down and to move forward with caution, the red indicates to stop and it is not safe to move forward.

Finish:

Powder Coated - Red or Yellow Standard
Custom colors available upon request

Inductive Control Loops:

Can be installed before or after the RBG system. Inductive Vehicle Detectors allow the system to open and close automatically according to the vehicle's position.



RBG Locking Mechanism

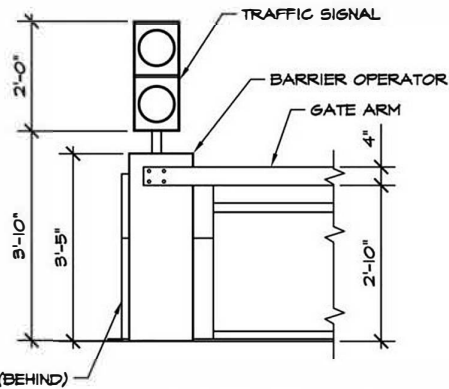


The Control cabinet is professionally designed, wired, and assembled.

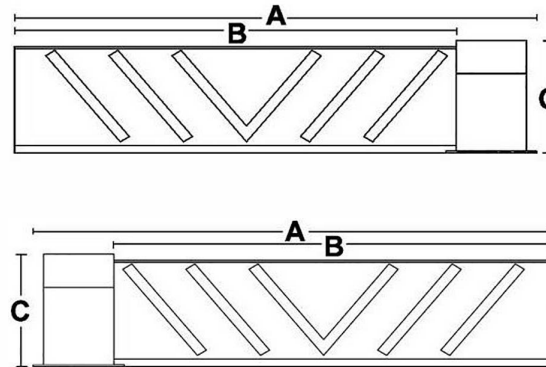


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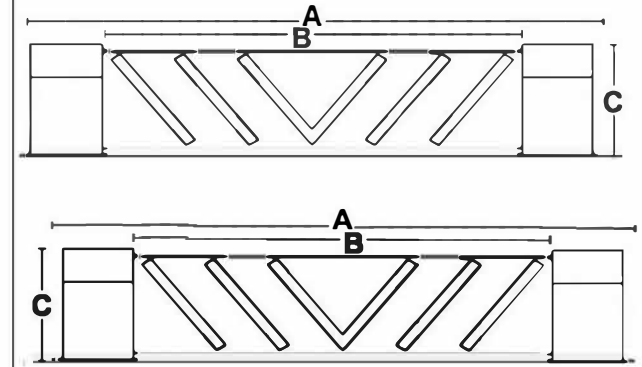
TECHNICAL SUPPORT & SERVICE
TOLL FREE: 1-866-CALL-LVI (2255-584)
LVITRAFFICCONTROL.COM



Single Buttress Configuration (RBG-100 ONLY)



Double Buttress Configuration RBG-100/-120/-140/-160



Single Buttress Systems (L OR RH)

System	Total Width (A)	Clear Width (B)	Height (C)
RBG-100	12' 5"	10' 6"	32"

Double Buttress Systems (R or LH)

System	Total Width (A)	Clear Width (B)	Height (C)
RBG-100	13' 10"	10'	32"
RBG-120	15' 10"	12'	32"
RBG-140	17' 10"	14'	32"
RBG-160	19' 10"	16'	32"

Double Buttress Systems (LH AND RH)

System	Total Width (A)	Clear Width (B)	Height (C)
RBG-100LR	24' 10.5"	21' 0.5"	32"
RBG-100LR	28' 10"	25'	32"

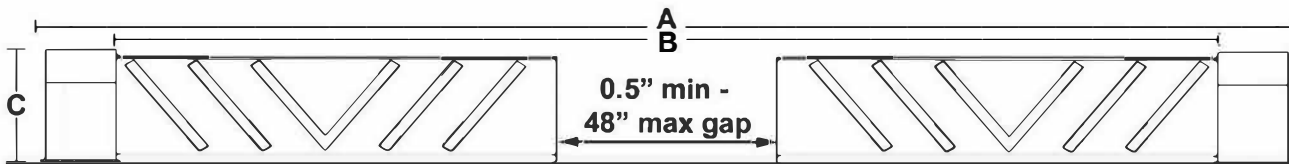
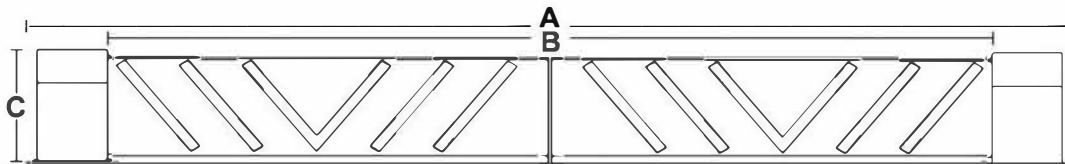


Plate and Total Weight by System

System	Buttress	Control Cabinet	Plate Weight	Total Weight
RBG-100	SB	R or L	1015	1510
RBG-100	DB	R or L	1015	1840
RBG-100	DB	R AND L	2030	3020
RBG-120	DB	R or L	1200	2025
RBG-140	DB	R or L	1385	2210
RBG-160	DB	R or L	1569	2394

FOR MORE INFORMATION

Website: ivtrafficcontrol.com

Email: trafficcontrol@lviusa.com

Call Toll Free: 1-866-CALL-LVI (2255-584)

