



The Avon RB980CR Surface Mount Road Blocker provides a high level of security against unauthorised vehicle access. Designed to withstand substantial direct impact forces whilst avoiding the need for any excavation / foundations.

Designed and manufactured by engineers with a wealth of experience in the fields of high security and access control. The RB980CR is designed to provide a high-speed deployment solution to temporarily secure installations from aggressive vehicle attack.

Without the need for any foundations the RB980CR is ideal for use on temporary applications such as checkpoints, conferences and military camps.

An experienced system design capability along with a worldwide installation, service and maintenance capability, enables us to provide a swift and efficient solution to all your high security requirements.

KEY FEATURES

- ▶ No foundation requirements
- ▶ Modular on-site assembly
- ▶ Physically crash tested to exceed DoS and British Standards
- ▶ Manufactured from heavy gauge materials
- ▶ Substantial 1000mm raise height
- ▶ Manual operating override facility
- ▶ Anti-burst valves (optional)
- ▶ High quality coating system
- ▶ Modular hydraulic/electronic construction

BENEFITS

- ▶ Can be used on any terrain
- ▶ Speed of installation (1 1/2 hrs from offload to operational deployment)
- ▶ Proven to withstand large vehicle impact and be fully operational after impact
- ▶ Reliability (100% duty cycling)
- ▶ Zero site penetration to DoS K12 Impact
- ▶ Operation in power failure conditions
- ▶ Protection against hose sabotage
- ▶ Durability
- ▶ Service spares availability – ease of replacement

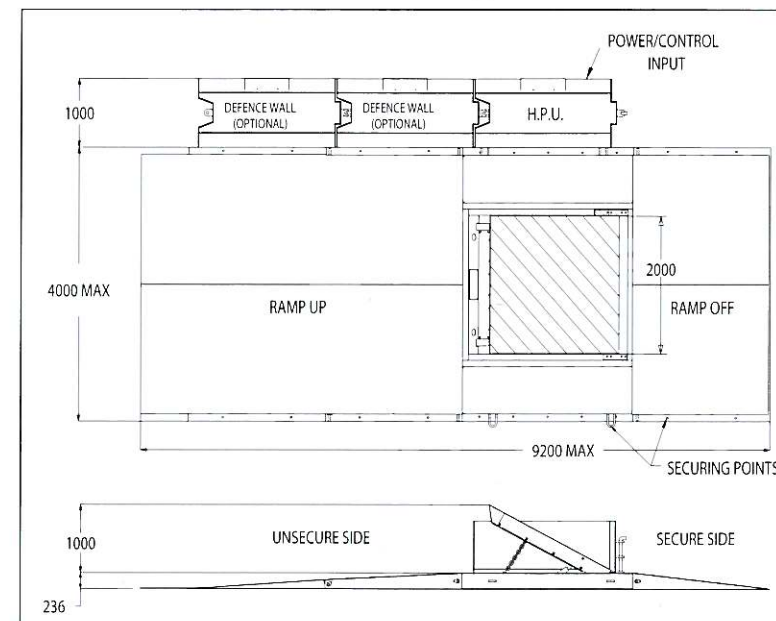
Avon RB980CR Surface Mount Road Blocker

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Technical Specification



Standard Controls – Push button to raise/stop/lower, with ‘emergency secure site’ button

OPTIONAL EXTRAS

| | |
|--------------------------|---|
| Access Control: | Not applicable |
| Safety Equipment: | Traffic Lights Inset Warning Lights Photo-Electric Cell/Safety Buffers Anti-burst Valves |
| Status: | Back indication |
| Emergency: | Power failure backup (UPS/Accumulator) Fast raise circuit |
| Securing Kit: | Defence Walls Roadway Fixings All Terrain Fixings AEH Sets (Military) |

IMPACT RATING

Impact absorption 7,500kg at 80kph, fully crash tested to exceed DoS Standard K12.

Zero penetration past roadblocker with test vehicle destroyed and blocker remained operational after impact.



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The **Avon RB980CR Surface Mount Roadblocker** has an overall width of up to 4m with a centrally located 2m blocking segment. The raise height of 1000mm ensures that a vehicle does not penetrate the barrier system.

Heavy duty top plates are provided with removable covers to enable safe access to the control mechanisms and connecting points for fast, efficient site assembly and servicing. The blocking segment is approached by graduated ramps constructed of steel with anti-slip top plates and additional side kits are fitted to enable access for vehicle inspection.

The RB980CR comes in a modular kit comprising of 7 pieces which are easily assembled on site.

The blocking segment is operated by hydraulic actuators each with a 20 tonne mechanical lifting capability. The Hydraulic Power Unit (HPU) contains the hydraulic and electronic control equipment housed in a counter weight barge which is linked to the roadblocker structure.

The Avon Barrier Company reserve the right to change or amend the specification of its products from time to time in furtherance of its policy of continued product improvements.

Agent's Stamp