Avon Barrier Company Ltd

(90.3)

The **Avon RB780CR Chieftain High Security Road Blocker** provides an effective means of securing sites from aggressive vehicle attack.

Designed and manufactured by engineers with over 25 years experience in the field of high security and system design the RB780CR provides an effective solution to controlling vehicle entry/exit points at sensitive establishments.

With an experienced system design capability along with a worldwide installation, service and maintenance capability we are able to provide a swift and efficient solution to all your high security requirements.

KEY FEATURES

- Physically crash tested to exceed DoS and British Standards
- Manufactured from heavy gauge materials
- Substantial 800mm raise height
- Manual operating override facility
- Anti-burst valves (may be omitted if required)
- High quality coating system
- Modular hydraulic/electronic construction

BENEFITS

- Proven to withstand large vehicle impact and be fully operational
- 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 RB780CR High Security Road Blocker

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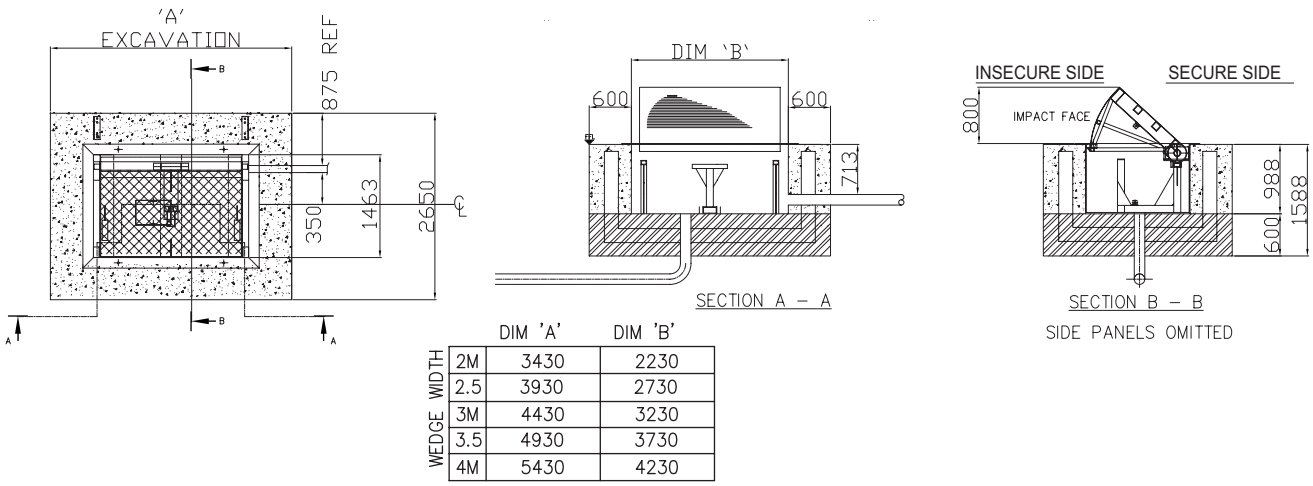
Technical Specification



WEDGE WIDTH	DIM 'A'	DIM 'B'
2M	3430	2230
2.5	3930	2730
3M	4430	3230
3.5	4930	3730
4M	5430	4230

STANDARD CONTROLS – PUSH BUTTON TO RAISE/STOP/LOWER

OPTIONAL EXTRAS

Access Control:
Card/Proximity Reader
Keypad/Keyswitch
Radio Transmitter
Inductive Loops/Infra Red
Intercom – audio/visual

Safety Equipment:
Traffic Lights
Inset Warning Lights
Photo-Electric Cell
Inductive Loop

Status:
Back indication

Emergency:
Panic button with key release
Power failure backup (UPS/Accumulator)
Emergency fast raise circuit

IMPACT RATING

Impact absorption 7610 Kg at 80 kph, fully crash tested to exceed DoS Standard K12-L3 with **NO** operational damage after impact

Zero site penetration with test vehicle destroyed and blocker fully operational after impact.

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The **Avon RB780CR Chieftain High Security Road Blocker** is available in a variety of widths from 2m to 4m in 500mm increments (wider units are available on application). The blocking segment has a raise height of 800mm to ensure that vehicle penetration during attack is kept well within the DoS/British minimum standard requirement for both U.S and European manufactured vehicles.

The heavy-duty top plate is provided with a removable access cover to enable efficient installation and servicing to be undertaken. The blocker mechanism is encased in a steel enclosure with access points for onward connection to ducting for hydraulic hoses and control cables.

The blocker is operated by a hydraulic actuator/s each with a 20 tonne mechanical lifting weight as well as anti burst valves to protect against hose sabotage (may be omitted if required). A Hydraulic Power Unit (HPU) contains the hydraulic and electronic control equipment housed in an externally rated cabinet to be positioned locally or remotely to the blocker unit.

On installation the entire blocker enclosure is encased in concrete in accordance with our specific installation instructions.

Agent's Stamp