



The Avon Gate Systems are ideal for securing entrance ways against unauthorised access.

Designed and manufactured in our British factory, the gates will provide additional security and enhance any entrance to a site. Available in a range of designs with varying drive mechanisms they can be interfaced with all forms of access control.

With a full installation, service and maintenance capability, we are able to provide a swift and efficient solution to all your security requirements.

#### KEY FEATURES

- ▲ Bespoke Built Units
- ▲ High Quality Coating System: Galvanised/ Zinc Sprayed and Powder/Plastic Coated
- ▲ Optional Opening Action/Drive Mechanism
- ▲ Drive Units – Electro Mechanical/Electro-Hydraulic
- ▲ Manual Override Facility
- ▲ 230v, Single Phase 50Hz 10A Supply, 230v/400v 3 phase option.

#### BENEFITS

- ▲ Reliability
- ▲ Low Maintenance
- ▲ Service Spares Availability
- ▲ Ease of Installation

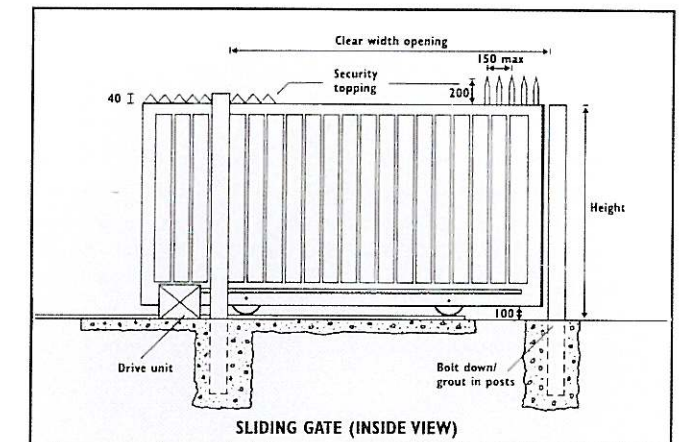
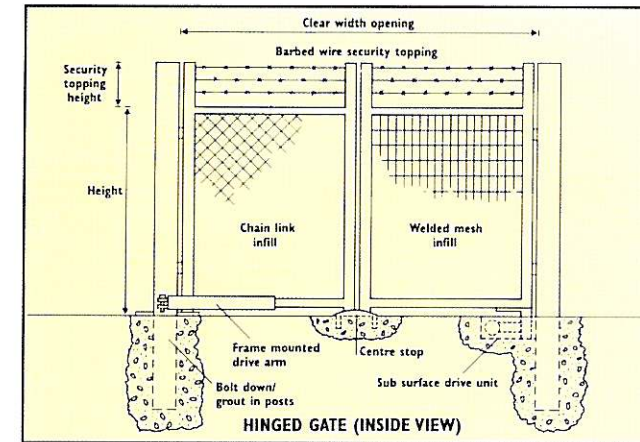
**Avon Gate Systems**

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# Technical Specification



#### Gate Types:

Hinged: Double/Single leaf  
Sliding: Ground track, Cantilever

#### Drive Unit Types:

Sub surface: Electro-mechanical/hydraulic  
Gate mounted: Electro-mechanical/hydraulic  
Rack & Pinion Gall/Chain: Electro-mechanical

#### Gate Infill:

Vertical bar: RHS & CHS  
Welded mesh  
Sheet clad  
Corrugated palisade

#### Security Topping:

Barbed/Razor Wire  
Spikes  
Serrated top

#### STANDARD CONTROLS – OPEN/STOP/CLOSE

#### OPTIONAL EXTRAS

**Access Control:** Card/Proximity Reader  
Keypad/Keyswitch  
Radio Transmitter  
Infra Red  
Tokens  
Time Clock Facility  
Inductive Loops  
Intercom

**Safety Equipment:** Flashing Lights  
Safety Buffer  
Photo-Electric Cell  
Inductive Loop

**Security:** Positive Locking Available

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.

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The Avon Gate Systems come in various options as detailed and are manufactured from RHS sections of sufficient strength to suit operating requirements which are dependent upon opening width, height, type of infill (windloading/weight) and the level of security required.

The hinged gates are hung from RHS posts via adjustable hinges with grease points to ease operation. They have a gate mounted drive arm or alternatively a sub-surface drive unit, should the environment require an aesthetically acceptable option.

The sliding gates are available in both ground track and cantilever form, the lower rail of the gate is a channel section of structural quality which supports the gate via industrial grade wheels with roller races.

The ground track version gate leaf is held in the vertical plane by a set of guide posts with adjustable guide rollers, whereas the cantilever gate has guide posts with tension wheels and guide rollers to hold the leaf in the horizontal position.

The gate is driven by a rack and pinion/gall chain system available in 230v single phase or 230v/400v 3 phase form depending upon weight of gate.

All drive units mechanically lock the leaves in position with the option for a positive locking mechanism.

Agent's Stamp