



## **TECHNICAL FEATURES AND SPECIFICATIONS OF HOM AUTOMATIC RETRACTABLE FLAP BARRIERS**

HOM Automatic Flap Barriers have been designed to provide quick and controlled access to restricted areas. These can be integrated either with card access systems or ticketing system to ensure quick and automatic clearance while keeping accurate entrance records. Flap Barriers are ideally suited for metro railways, office complexes, banks, amusement parks, stadiums etc.

### **FEATURES**

- Motorized, electromechanical Drive unit. Silent and maintenance free.
- Microprocessor based Control Panel provides precise movement and positioning of flap.
- Presence Sensing is achieved by an array of Optical Beam Sensors.
- MS Grey Painted or Stainless Steel Body.

### **Operational Logic**

Microprocessor based control panel and seven sets of infrared optical beam sensors are employed to achieve the followings:

**Directional Control:** Does not allow a person to pass from opposite direction. For example, if a person shows card from the entry side and another person from the opposite side tries to exit than the flaps will immediately close, thus blocking the passage.

**Prevents Tail Gating:** Two persons trying to pass the barrier with one card will be detected. If tail gating is detected the flaps are closed immediately and a soft alarm is sounded for a few seconds to draw the attention of guard or receptionist.

**Anti Crash sensors** do not allow flaps to close on a patron.

**Indicator Lights:** Green arrow is always ON indicating the flap barrier is ready to use. A red X comes on with a light beep if the card or finger prints are not accepted by the reader; flaps in this case will remain close.

### **Physical Dimensions**

Length : 1180mm

Height : 1000mm

Width : 325mm

Clear Walkway: 600mm

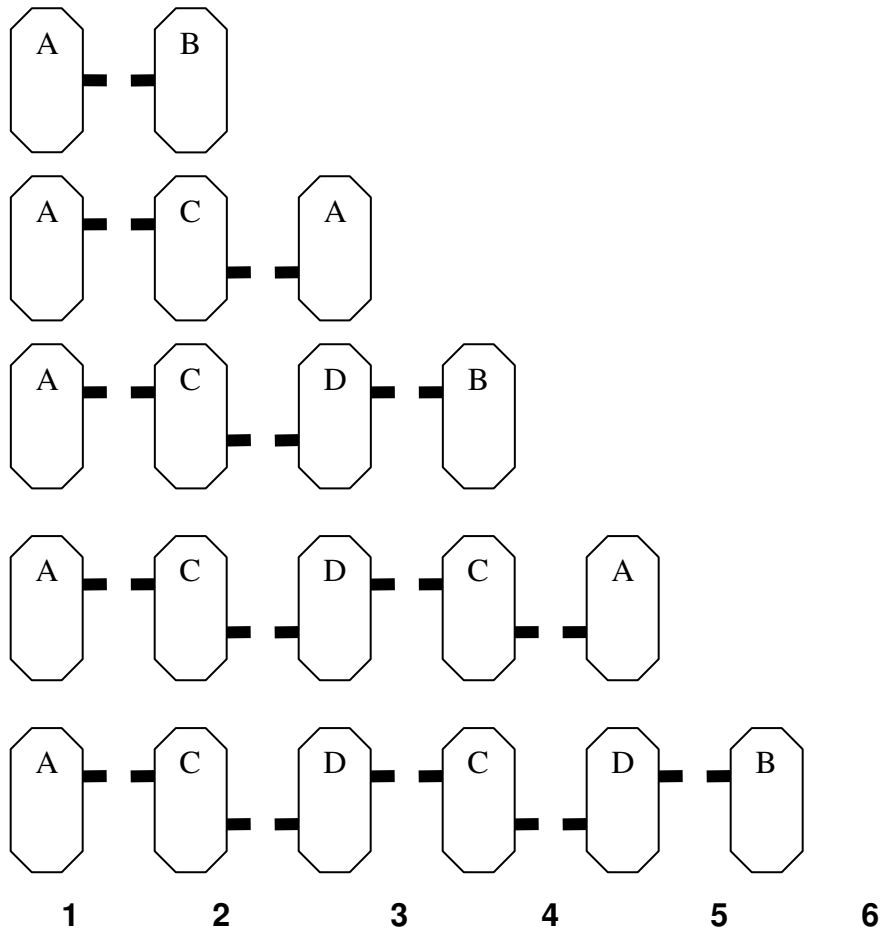
### **Technical Specifications**

Supply Voltage : 230V AC

Motor : 24V DC reversible

Duty Cycle : continuous

Opening/Closing time: 1sec.



## Passage Configuration