



Think Through

AUTOMATIC DOOR CLOSERS

Automatic doors can be used as retrofit for manual or for new doors. Auto doors provide **DOUBLE** the life cycle (10 L cycles) in comparison to manual doors.



All Automatic Swing doors shall comply EN 16005 standard and CE marked, VDE, TUV approved for accident preventions.

EN 16005 - gives guidance on safety in use and test methods for Powered Pedestrian doorsets. It provides practical advice on safety systems and best practices for ensuring Powered Pedestrian doors are installed with acceptable levels of safety for users. The standard is a minimum level of safety allowed for new installations.

BENEFITS OF AUTOMATIC DOORS -

- Tested for 10 lakh cycles
- Saves time, efforts and HVAC cost.
- Provides convenience
- Enhances the accessibility of entrance & exit points
- Used for Heavy traffic areas
- Suitable for heavy doors up to a maximum width of 1600 mm and weight of 250 kg;
- Opening and closing speeds of the swing doors can be adjusted, in case of use with fire doors, it can be held open and closed with the pulse from smoke / fire detectors.

It can be used as Low energy mode (contact force less than 67 N) without safety sensors or with full energy mode (contact force 150N) with infra red safety sensors to reverse the door or disable opening of the door if the user is detected in the active opening radius of the door. The Automatic door closers can be integrated with activators like Access control , RADARs, Floor mats etc. The Radar needs to be installed as per BS 7036 guidelines and shall be unidirectional. Maximum opening area depends on the type of installation (push /pull side).

- **Application** – Fire rated Doors on egress route | Exit doors integrated with access control and fire detection systems | Fire rated hold open doors | OT doors | Hotels | Airports | Metro stations, etc.
- **Types** – Face Mounted with standard arm or slide channel.
- **Installation** - Installed on transoms either push or pull side of the door. For push side - standard arm fixing | for pull side - slide arm fixing. Installed on wooden, frameless glass or aluminium framed doors. Automatic door closer rely on (UPS) power supply. It can be integrated with smoke and/or fire detectors.
- **Uses of door closers** - Security | Privacy | Acoustic | Fire | Energy saving | Hygiene | Touchless

** Read more detail on Automatic sliding doors in the next Think Through Article.*

