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Automatic
Entrance
Systems

STANLEY

DISABLED PERSONS TOILET SYSTEM (DPTS)

- Provide Automated Opening and Control of Disabled Toilet Doors
- Operators for Swing or Sliding Doors up to 1120mm wide
- Full or Low Energy Options
- For Left or Right Handed Doors
- Retrofit to Existing Doors
- Internal and External Touch Sensors
- Electromagnetic Locks or Electric Strikes for Swing Doors
- Electronic Solenoid Locks for Sliding Doors

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Disabled people are deemed to need an automatic door to access retail outlets, offices, schools, hospitals, etc. but, when it comes to toilets they are usually expected to be able to open the door unaided. To make matters worse, those doors are larger and therefore heavier than standard doors in order to more readily accommodate wheelchairs. All the handrails, low level fittings, extra space and infra-red taps are of little use if you can't get in!

Yet the solution is so simple. The Disabled persons Toilet System (DPTS)

The system is designed to work in conjunction with most types of automatic door operators such as the Stanley Magic Access™. This can automate virtually any swing door; new or existing. It effortlessly provides a full range of automatic door functions to an otherwise manual door. The operating mechanism is installed on to the door frame in place of a conventional closer and works with virtually any door up to 1120mm wide! Its versatility means it can be either full or low energy in operation and is non-handed so can be used for right or left handed doors with minimal field adjustments. Sliding Door operators are also available.

The DPTS consists of internal and external touch sensors and a controller. They are used in conjunction with an electromagnetic lock or electric strike as mechanical locks can present problems to some disabled people who may lack the dexterity needed to operate them. The preferred locking methods are electromagnetic lock or electric strike for swing doors and electronic solenoid locks for sliding doors.

SPECIFICATIONS

DPTS CONTROL UNIT

- Adjustable relay output for mag-lock and electric releases
- Adjustable output for door opener
- Adjustable delay timer for door opener
- Inputs for both internal and external system override (Breakglass, key-switch etc.)
- 12 or 24v DC operating voltage (specify at time of order)
- Current consumption 50mA (qui) 110mA (active)

ENTRY & EXIT SENSORS

- Touch Switch technology means sensor can be operated without 'Touch', even when user is wearing gloves
- Colourful and aesthetically pleasing signage
- 'Ultra-bright' LED to assist users with visual impairments

HOW IT WORKS

If not engaged the Touch Sensors red indicator will be constantly illuminated

External Sensor

STEP 1 - ENTRY

Touch entry sensor and the door opener will activate to provide access or enter manually.

STEP 2 - LOCK

When inside the toilet, touch the internal sensor to lock the door. To confirm the door is locked, the indicator will turn red showing the toilet is engaged and inhibiting the entry sensor.

Internal Sensor

STEP 3 - EXIT

Touch the internal sensor once more and the indicator turns blue, the door will be unlocked and the door opener activated. Entry sensor becomes operable once again to provide access.

To prevent accidental locking and inhibiting of the entry sensor, a door contact is wired in series with the internal touch switch to prevent accidental triggering on departure.

A break glass and key-switch may be incorporated to override the system in event of emergency.

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