

# DOOR INTERLOCKING SYSTEM

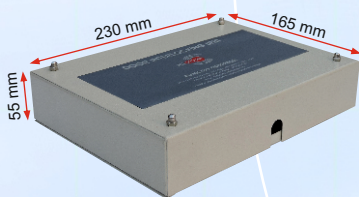


## DESCRIPTION:

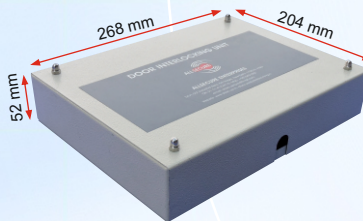
The Interlocking system ensures that out of the N number of doors locked by an interlocking controller, only one door at a time will open and other doors remain closed even if a request is placed to open any one of them. This effectively warrants air passing through and minimizes microbiological and particulate contamination of the Air locked area and restricts unwanted passage from one area to another.

## OUR RANGE OF INTERLOCKING SYSTEMS:

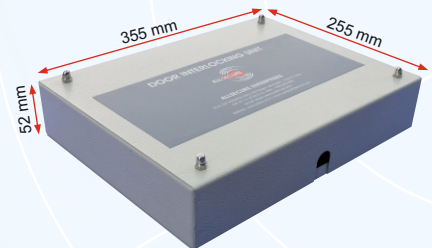
Our range of interlocking Systems offers 2-16 Doors controllers, available in both, by default Locked or by default unlocked stage: Single Logic & Multi Logic.



2 DOOR CONTROLLER




3-4 DOOR CONTROLLER



5-10 DOOR CONTROLLER

## FEATURES

1. Industrial & Aesthetic ally designed I.C based Controller, CONTROLLING 2-16 DOORS
2. Mother & Host PCB Design : In case malfunctioning, entire Interlocking Controller can be replaced within 5 seconds by supplanting a new PCB without using any tools, or touching any wires.
3. Fully programmable time interval for lock opening
4. Clearly marked connections on the PCB.
5. REX Switch with Clear door status indication : **Locked**, **Wait**, **Go** (if any of the other doors is open)
6. Soft touch key on the REX switch 
7. Buzzer sound on the emergency switch.
8. Emergency Switch Integration for overriding the system.
9. Access Control Integration for authorized only entry.
10. UV Light & Air Curtain Integration.
11. Fire Alarm Integration.
12. Emergency Siren Integration.
13. Privacy Feature with Soft touch Privacy Switch (Wait Light will blink during use).

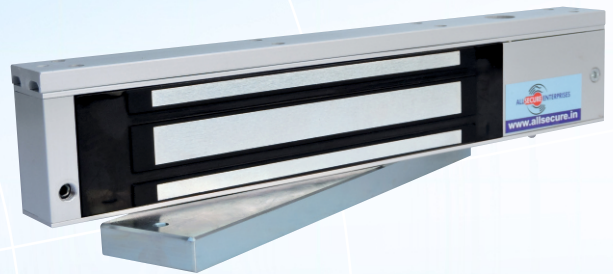
## WORKING :

1. At the default stage all doors connected to the unit are closed & locked. The Rex switches on all the doors indicate the status as "Locked".
2. The user approaches the door and presses the REX Switch (Request to exit). The indicator status on that particular door changes to "GO" and the door is unlocked for the user to pass. Simultaneously the indicator status on all the other door changes to "WAIT". Now a request placed by any other user on any other door indicating WAIT, will be declined.
3. After 5 sec (or whatever time programmed), the unlocked door also gets locked and the interlocking system is resumed to default stage ready for use.




## DOOR INTERLOCKING SYSTEMS (ACCESSORIES)

### EM Lock 600LBS

Model	: 600C-SP
Lock Size	: 250 x 48 x 25 mm <sup>3</sup>
Magnet	: 250 x 43 x 27 mm <sup>3</sup>
Armature	: 160 x 40 x 12 mm <sup>3</sup>
Voltage	: 12 V
Current	: 700mA at 12V
Holding Force	: 600 LBS
Unit Weight	: 1.8kg (Approx.)
Suitable For	: Wooden Door, Glass Door, Metal Door, and Fire Proof Door
Feature	: Fail Safe.






### REX Switch (3x3) With status indicator:

Button to unlock the door & and clearly    indicating the status of door such as **Locked**, **Wait**, **Go**. This helps eliminating confusion in the users mind and hence eliminates needless fiddling with the doors.



### REX Switch (3x2) With status indicator:

Button to unlock the door & and clearly    indicating the status of door such as **Locked**, **Wait**, **Go**. This helps eliminating confusion in the users mind and hence eliminates needless fiddling with the doors.



### Emergency Switch:

Button to override the interlocking system & unlock all the doors at the same time incase of emergency such as fire, gas leak etc. All Rex Switch will show status.

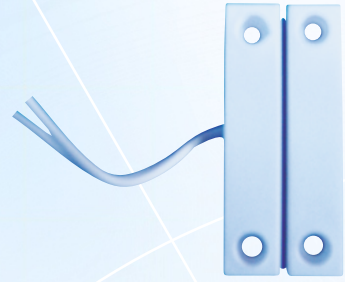


### Magnetic Contact Wired:

Model : 2/4 wire

#### Features:

- Surface mount with Screw
- Surface Mount with Screw and Adhesive tape (Optional) Mounting
- Side Flanges for Easy mounting
- 18" Long Wire Leads
- Operate Gap  $\frac{3}{4}$ " (19.0mm) min.



### SMPS Adapter

Model : 12V 3/4/5/6/7/10 amp

AC IN : 130-270V 50/60Hz

DC OUT : 0.12-0.8A

Dimension : 106Hx55Wx38H (mm)

Operating Temperature: 10-55 degree Celsius



### Privacy Switch:

Button to lock specified door of the interlocking system while changing clothes. All Rex Switched will show flashing and Buzzer sound.



36-A, DLF Industrial Area, Kirti Nagar, New Delhi- 110015. India

Off: 91-11-41424110. Mob: +9810401955

email: info@allsecuredoorinterlocking.in, allsecure@rediffmail.com

Website: www.allsecure.in, www.allsecuredoorinterlocking.in


# PASS BOX INTERLOCKING SYSTEM



## DESCRIPTION:

The Interlocking System ensure that out of the Number of doors locked by an Interlocking controller, only one door at a time will open and other doors remain closed even if a request is placed to open any one of them. This effectively warrants air passing through and minimizes microbiological and particulate contamination of the air locked area and assists in sterilization of products placed inside the pass box, through exposure under UV lights.

## FEATURES

1. Industrial & Aesthetically designed I.C. based Controller, CONTROLLING 2 DOORS
2. Mother & Host PCB Design: In case malfunctioning, entire Interlocking Controller can be replaced within 5 seconds by supplanting a new PCB without using any tools, or touching any wires.
3. Fully programmable time interval for lock opening.
4. Clearly marked connections on the PCB.
5. Rex Switch with Clear door status indication : **Locked**, **Wait**, **Go** (if any the other doors is open)
6. Soft touch key on the REX Switch 
7. Buzzer sound on the Emergency Switch
8. Emergency Switch Integration for override the system.
9. Access Control Integration for authorized only entry.
10. Extra Auxiliary Output.
11. Fire Alarm Integration.
12. Emergency Siren Integration.
13. Fully programmable door timing.
14. Door open Alert.
15. Fully Programmable Logic: UV:OFF/ON/24, LT: OFF/ON/24 & FAN: OFF/ON/24

## OUR RANGE OF PASS BOX INTERLOCKING SYSTEMS

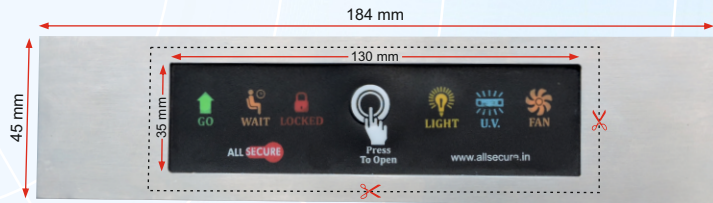
Our range of Pass Box Interlocking Systems offer Dynamic, Static & Timer based Pass Boxes, available in 2-4 Doors.

### NORMAL PASS BOX INTERLOCKING:



## PASS BOX INTERLOCKING SYSTEMS (ACCESSORIES)

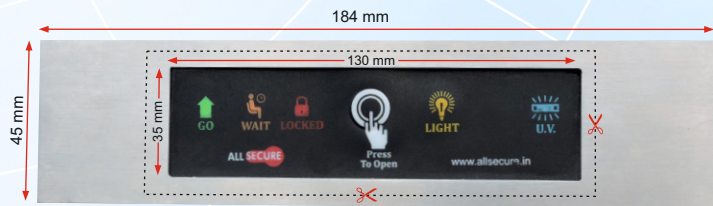
**DPB SLIM Type**



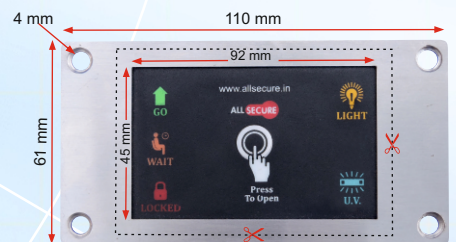
**DPB B Type**



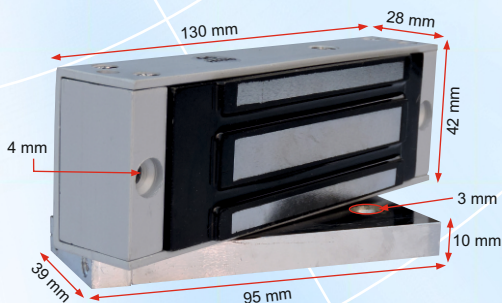
**SPB SLIM Type**







**SPB B Type**



**300 LBS Lock**



## WORKING :

1. At the default stage all doors connected to the Pass Box Controller are closed & locked. The Display switches on all the doors indicate the status as "Locked". The UV light is on while the Fan and CFL are off (on auto mode).
2. The approaches the door and presses the  Switch (Press to Open). The indicator status on that particular door changes to "GO" and the door is unlocked for the user to place the product inside the pass box, Simultaneously –
  - The indicator status on all the other door changes to "WAIT".
  - The UV Light is turned Off.
  - The FAN & CFL are switched On.
3. During the procedure a request placed by any other user on any other door Indication  Wait, will be declined.
4. After the door that had been opened by the user is closed, the following functions take place simultaneously:
  - The FAN & CFL will be switched off.
  - The UV Light will be turned on.
  - Status Indicators on all doors changes from  Wait to  Locked.
  - UV/LIGHT/FAN can be customised as per requirement to function on Door OPEN/DOOR CLOSE/24 HRS.



36-A, DLF Industrial Area, Kirti Nagar, New Delhi- 110015. India

Off: 91-11-41424110. Mob: +9810401955

email: [info@allsecuredoorinterlocking.in](mailto:info@allsecuredoorinterlocking.in), [allsecure@rediffmail.com](mailto:allsecure@rediffmail.com)

Website: [www.allsecure.in](http://www.allsecure.in), [www.allsecuredoorinterlocking.in](http://www.allsecuredoorinterlocking.in)


# PASS BOX INTERLOCKING - DELUXE



## DESCRIPTION:

The Interlocking System ensure that out of the Number of doors locked by an Interlocking controller, only one door at a time will open and other doors remain closed even if a request is placed to open any one of them. This effectively warrants air passing through and minimizes microbiological and particulate contamination of the air locked area and assists in sterilization of products placed inside the pass box, through exposure under UV lights.

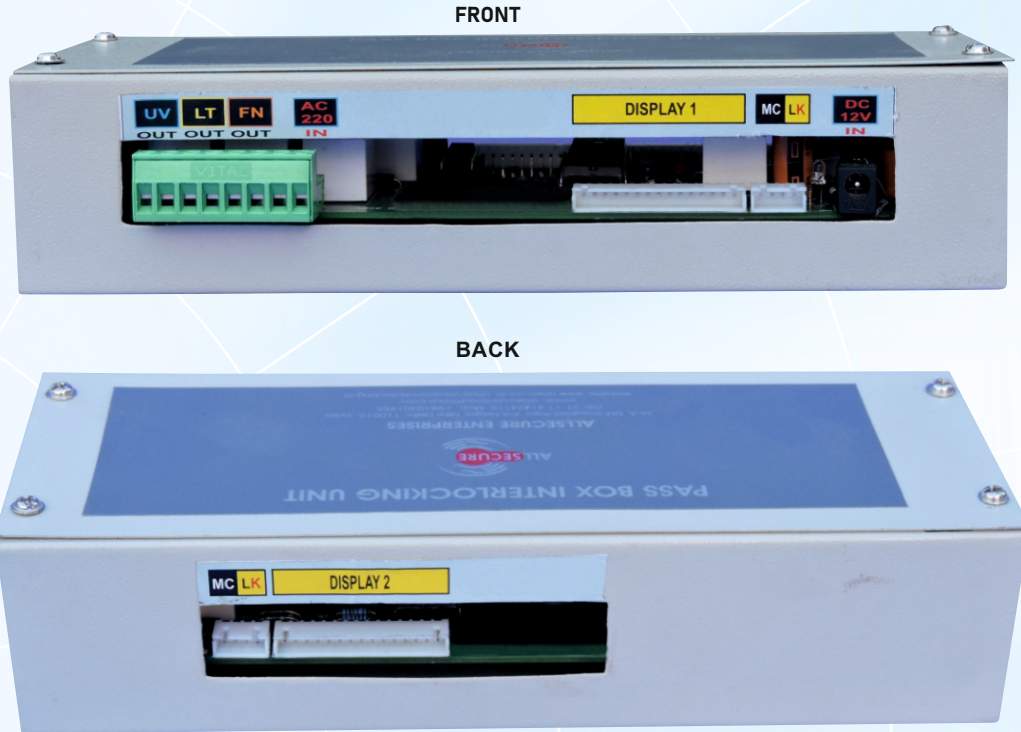
## FEATURES

1. Industrial & Aesthetically designed I.C. based Controller, CONTROLLING 2 DOORS
2. Mother & Host PCB Design: In case malfunctioning, entire Interlocking Controller can be replaced within 5 seconds by supplanting a new PCB without using any tools, or touching any wires.
3. Fully programmable time interval for lock opening.
4. Clearly marked connections on the PCB.
5. Rex Switch with Clear door status indication : **Locked**, **Wait**, **Go** (if any the other doors is open)
6. Soft touch key on the REX Switch 
7. Buzzer sound on the Emergency Switch
8. Emergency Switch Integration for override the system.
9. Access Control Integration for authorized only entry.
10. Extra Auxiliary Output.
11. Fire Alarm Integration.
12. Emergency Siren Integration.
13. Fully programmable door timing.
14. Door open Alert.
15. Fully Programmable Logic: UV:OFF/ON/24, LT: OFF/ON/24 & FAN: OFF/ON/24

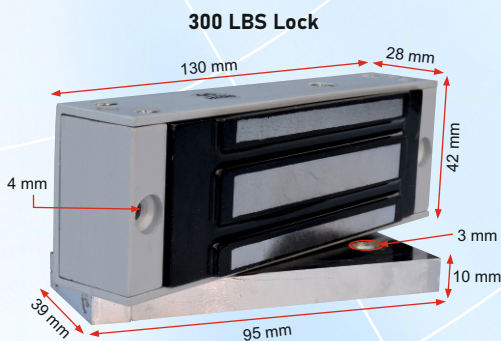
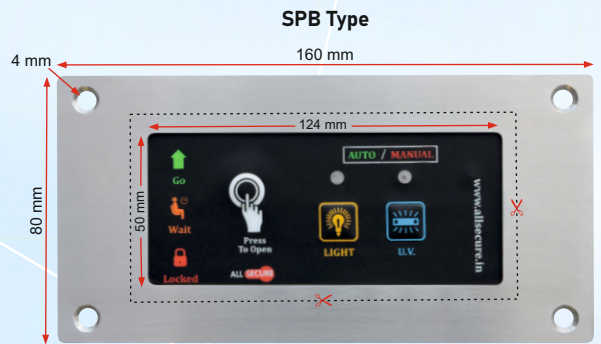
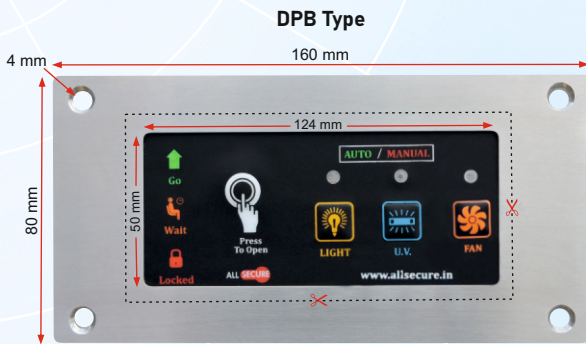
# OUR RANGE OF DELUXE PASS BOX INTERLOCKING SYSTEMS

Our range of Pass Box Interlocking Systems offer Dynamic, Static & Timer based Pass Boxes, available in 2-4 Doors.

## DELUXE PASS BOX INTERLOCKING:







## PASS BOX INTERLOCKING - DELUXE (ACCESSORIES)





## WORKING :

1. At the default stage all doors connected to the Pass Box Controller are closed & locked. The Display switches on all the doors indicate the status as "Locked". The UV light is on while the Fan and CFL are off (on auto mode).
2. The approaches the door and presses the  Switch (Press to Open). The indicator status on that particular door changes to "GO" and the door is unlocked for the user to place the product inside the pass box, Simultaneously –
  - The indicator status on all the other door changes to "WAIT".
  - The UV Light is turned Off.
  - The FAN & CFL are switched On.
3. During the procedure a request placed by any other user on any other door Indication  Wait, will be declined.
4. After the door that had been opened by the user is closed, the following functions take place simultaneously:
  - The FAN & CFL will be switched off.
  - The UV Light will be turned on.
  - Status Indicators on all doors changes from  Wait to  Locked.
  - UV/LIGHT/FAN can be customised as per requirement to function on Door OPEN/DOOR CLOSE/24 HRS.



36-A, DLF Industrial Area, Kirti Nagar, New Delhi- 110015. India

Off: 91-11-41424110. Mob: +9810401955

email: [info@allsecuredoorinterlocking.in](mailto:info@allsecuredoorinterlocking.in), [allsecure@rediffmail.com](mailto:allsecure@rediffmail.com)

Website: [www.allsecure.in](http://www.allsecure.in), [www.allsecuredoorinterlocking.in](http://www.allsecuredoorinterlocking.in)





# PASS BOX INTERLOCKING - TIMER



## DESCRIPTION:

The Interlocking System ensure that out of the Number of doors locked by an Interlocking controller, only one door at a time will open and other doors remain closed even if a request is placed to open any one of them. This effectively warrants air passing through and minimizes microbiological and particulate contamination of the air locked area and assists in sterilization of products placed inside the pass box, through exposure under UV lights.

## FEATURES

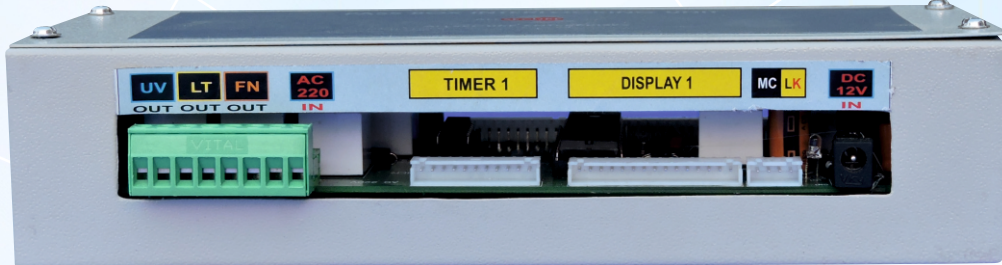
1. Industrial & Aesthetically designed I.C. based Controller, CONTROLLING 2 DOORS
2. Mother & Host PCB Design: In case malfunctioning, entire Interlocking Controller can be replaced within 5 seconds by supplanting a new PCB without using any tools, or touching any wires.
3. Fully programmable time interval for lock opening.
4. Clearly marked connections on the PCB.   
5. Rex Switch with Clear door status indication : **Locked**, **Wait**, **Go** (if any the other doors is open)
6. Soft touch key on the REX Switch 
7. Buzzer sound on the Emergency Switch
8. Emergency Switch Integration for override the system.
9. Access Control Integration for authorized only entry.
10. Extra Auxiliary Output.
11. Fire Alarm Integration.
12. Emergency Siren Integration.
13. Fully programmable door timing.
14. Door open Alert.
15. Fully Programmable Logic: UV:OFF/ON/24, LT: OFF/ON/24 & FAN: OFF/ON/24

# OUR RANGE OF TIMER PASS BOX INTERLOCKING SYSTEMS

Our range of Pass Box Interlocking Systems offer Dynamic, Static & Timer based Pass Boxes, available in 2-4 Doors.

## TIMER PASS BOX INTERLOCKING:

FRONT



BACK



## PASS BOX INTERLOCKING - TIMER (ACCESSORIES)

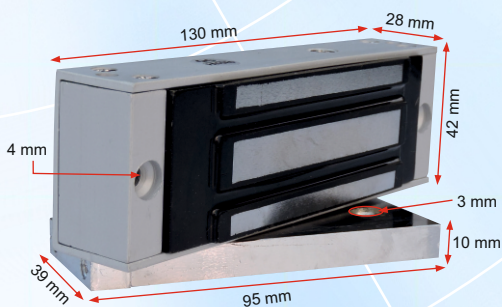
DPB Type







SPB Type



300 LBS Lock



## WORKING :

1. At the default stage all doors connected to the Pass Box Controller are closed & locked. The Display switches on all the doors indicate the status as "Locked". The UV light is on while the Fan and CFL are off (on auto mode).
2. The approaches the door and presses the  Switch (Press to Open). The indicator status on that particular door changes to "GO" and the door is unlocked for the user to place the product inside the pass box, Simultaneously –
  - The indicator status on all the other door changes to "WAIT".
  - The UV Light is turned Off.
  - The FAN & CFL are switched On.
3. During the procedure a request placed by any other user on any other door Indication  Wait, will be declined.
4. After the door that had been opened by the user is closed, the following functions take place simultaneously:
  - The FAN & CFL will be switched off.
  - The UV Light will be turned on.
  - Status Indicators on all doors changes from  Wait to  Locked.
  - UV/LIGHT/FAN can be customised as per requirement to function on Door OPEN/DOOR CLOSE/24 HRS.



36-A, DLF Industrial Area, Kirti Nagar, New Delhi- 110015. India

Off: 91-11-41424110. Mob: +9810401955

email: [info@allsecuredoorinterlocking.in](mailto:info@allsecuredoorinterlocking.in), [allsecure@rediffmail.com](mailto:allsecure@rediffmail.com)

Website: [www.allsecure.in](http://www.allsecure.in), [www.allsecuredoorinterlocking.in](http://www.allsecuredoorinterlocking.in)



# AIR SHOWER INTERLOCKING - TIMER



## DESCRIPTION:

The Air Shower Interlocking System ensure that out of the N Number of doors locked by an Interlocking controller, only one door at a time will open and other doors remain closed even if a request is placed to open any one of them. This effectively warrants air passing through and minimizes microbiological and particulate contamination of the air locked area and assists in sterilization of person passing through the Air shower.

## FEATURES

1. Industrial & Aesthetically designed I.C. based Controller.
2. **Mother & Host PCB Design:** In case malfunctioning, entire Interlocking Controller can be replaced within 5 seconds by supplanting a new PCB without using any tools, or touching any wires.
3. Fully programmable time interval for lock opening.
4. One side / Both sides Blower operation programmable at site.
5. Clearly marked connections on the PCB.
6. **Display Panel with Switch & Clear door status indications: Locked, Go, Wait** (if any the other doors is open). This helps elimination confusion in the users mind and hence eliminates needless fiddling with the doors. 
7. **Soft touch key** on the Display Panel. 
8. **Manual override buttons** to control LIGHT & FAN clearly indicating their function status On/Off & Auto/Manual.
9. **Emergency Switch** - Button to override the interlocking system & unlock all the doors at the same time in case of emergency such as fire, gas leak etc.
10. **Buzzer sound** on the emergency switch.
11. **Access Control Integration** for authorized only entry.
12. **Light & Air Curtain Integration.**
13. **Fire Alarm Integration.**
14. **Emergency Siren Integration.**
15. **Extra Auxiliary Output.**
16. **Door open Alert.**

## OUR RANGE OF AIR SHOWER INTERLOCKING SYSTEMS

In our range of Air shower interlocking Systems we offer 2 & 3 Doors controllers, available in both Vertical & Horizontal Displays with One side / all sides Blower operation (Programmable at site).

### AIR SHOWER CONTROLLER



## AIR SHOWER INTERLOCKING - TIMER (ACCESSORIES)

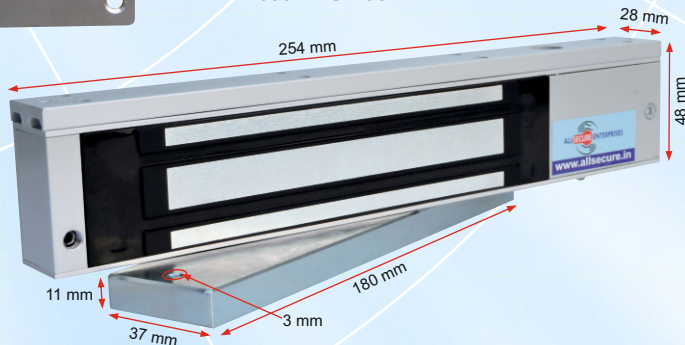
AIR SHOWER DISPLAY 'A' Type



AIR SHOWER DISPLAY 'B' Type



600 LBS Lock



## AIR SHOWER CONTROLLER PROGRAMMING:

### i) For one side blower operation:

1. Keep ▼ down arrow switch on the Display Panel 1, pressed for 10 seconds.
2. The display will show and flash "A1". This means the FAN will work only while entering from Door 1.







### ii) For Both side blower operation:

1. Keep ▲ up arrow switch on the Display Panel 1, pressed for 10 seconds.
2. The display will show and flash "A2". This means the FAN will work while entering from both Doors.

### iii) For Setting the timing of Fan:

1. Keep ▼▲ Both arrow switches on the Display Panel 1, pressed simultaneously for 10 seconds.
2. The display will show programmed time and will keep on flashing.
3. Press ▼ Down arrow or up arrow ▲ to decrease or increase the timing to desired level.
4. After setting the time, do not press any key and the system will come out of programming mode after 30 seconds.

## Working:

1. At the default stage all doors connected to the Air Shower Controller are closed & locked. The Display switches on all the doors indicate the status as  **Locked**. The Light & Blower are off (on auto mode).
2. The user approaches the door and presses the  Switch (Press to Open). The indicator status on that particular door changes to  **Go** and the door is unlocked for the user to pass. Simultaneously –
  - The indicator status on all the other door changes to  **Wait**.
  - The Light (inside) is turned ON.
  - The LIGHT indication on the Display turns on in green colour (Auto).
3. During this process a request placed by any other user on any other door indicating  **Wait**, will be declined.
4. Once the door is closed by the user upon entering the Air Shower enclosure.
  - The FAN (Blower) is turned ON.
  - The FAN indication on the Display turns ON in green colour (Auto)
  - All Doors get locked & Fan (Blower) is on for the duration of 20-30 seconds (time programmable at site).
  - Countdown will begin in the Display Panel at the door.
5. After the programed time lapses, the exit door will get unlocked for 5-10 seconds, for the user to open and exit.
6. Once the exit door is closed, the cycle will be considered complete and Air shower controller will come back to Default State wherein :
  - The FAN & CFL will be switched off.
  - All doors get locked.
7. Status Indicators on all doors change to  **Locked**.



36-A, DLF Industrial Area, Kirti Nagar, New Delhi- 110015. India

Off: 91-11-41424110. Mob: +9810401955

email: info@allsecuredoorinterlocking.in, allsecure@rediffmail.com

Website: www.allsecure.in, www.allsecuredoorinterlocking.in