

# Illuminator Glider Door Installation Manual



Ultimate Products Inc. • 2319 Laurelbrook Street • Raleigh, NC 27604 • (800) 542-7221 • Fax (919) 834-4526

PUB 0804

## Tools required for Installation

Impact Wrench

Electric or cordless drill

Set of drill bits 1/4" to 9/16"

Set of box-end wrenches 1/4" to 9/16"

Set of sockets with 3/8" drive, 1/4" to 9/16"

Hammer drill with 3/8" masonry bit if mounting track to concrete block wall

Items needed but not included:

Screws for mounting track assembly.



**See page 17 for view of completed installation**

### Parts Identification



**QD100:**  
Quick Exhaust Valve



**AP1078:**  
Male Tube Stem



**AP1075:**  
3/8" x 1/4"  
Reducing elbow  
quick connect



**CV100:**  
Cam Valve



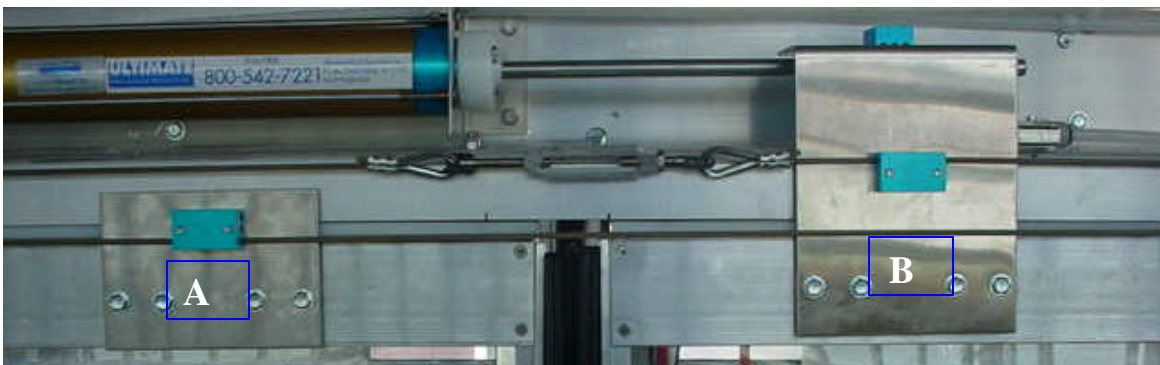
**GLP2003 - Glider Pulley with Bolt and Nut**



**AP1080:**  
3/8" x 1/4"  
male quick connect



**AP1050:**  
Turnbuckle



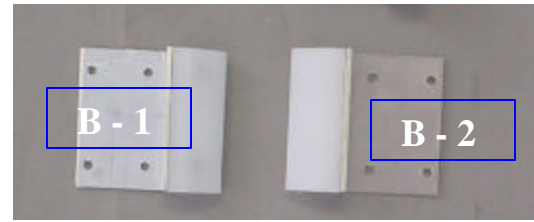
**GB2003A:**  
Bracket 'A'

**GB2003B:**  
Bracket 'B'

## Parts Identification Continued



A-1: Left Hand Glider Guide  
A-2: Right Hand Glider Guide



B-1: Left Hand Glider Stop  
B-2: Right Hand Glider Stop



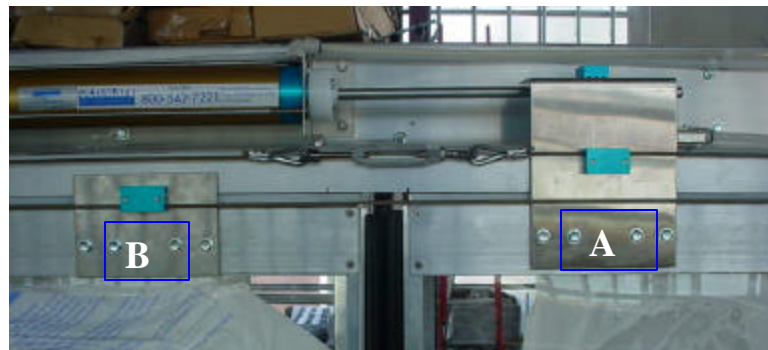
C-1: Left Hand Slotted Glider Stop  
C-2: Right Hand Slotted Glider Stop



D-1: Left Hand Slotted Glider Stop  
D-2: Right Hand Slotted Glider Stop



E-1: Left Hand Wall Guide  
E-2: Right Hand Wall Guide



# ULTIMATE

PRODUCTS INC.

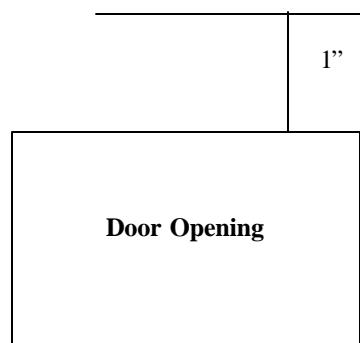
1

Insure that Walls on each side of door opening are clear of all obstructions  
(Door will protrude 5 1/2"  
Into building)



2 Installing Door track w/ operator

Install bottom of door track 1" above door opening



Right hand side of door track MUST BE INSTALLED EXACTLY  
IN CENTER OF DOOR OPENING!



3

Above the left hand side of door opening install track w/ operator  
As shown in Figure B

Place the bottom of track on line that  
was drawn 1" above opening  
as described above.  
Make sure track is level!





Panel Identification:



Panel #1

Panel #3

Panel #4

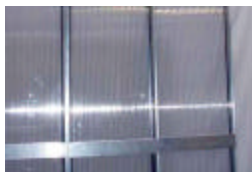
Panel #2



Install all panels w/ center  
Brace on inside of building

5

Slide Panel #1 & 2 (see page 4)  
 Into track #1 As shown in  
 figure C and step number 6 below.  
 Make sure center  
 brace is on the inside of building



C



6

Slide Panel #4 (Clear Section)  
 Into track #2

As shown in figure D

\*Rubber astragal is on the right side  
 of door panel

D



Track #1

Track #2

7

Slide Panel #3 (Clear Section)  
 Into track #2

As shown in figure E

\*Rubber astragal is on the left side  
 of door panel

E



8

Hang right side track ( track without  
 Operator ) as shown in Figure F  
 (This track will be flush with track  
 shown in Figure E)

Place the bottom of track on line that  
 was drawn 1" above opening.  
 Make sure track is level!!

F



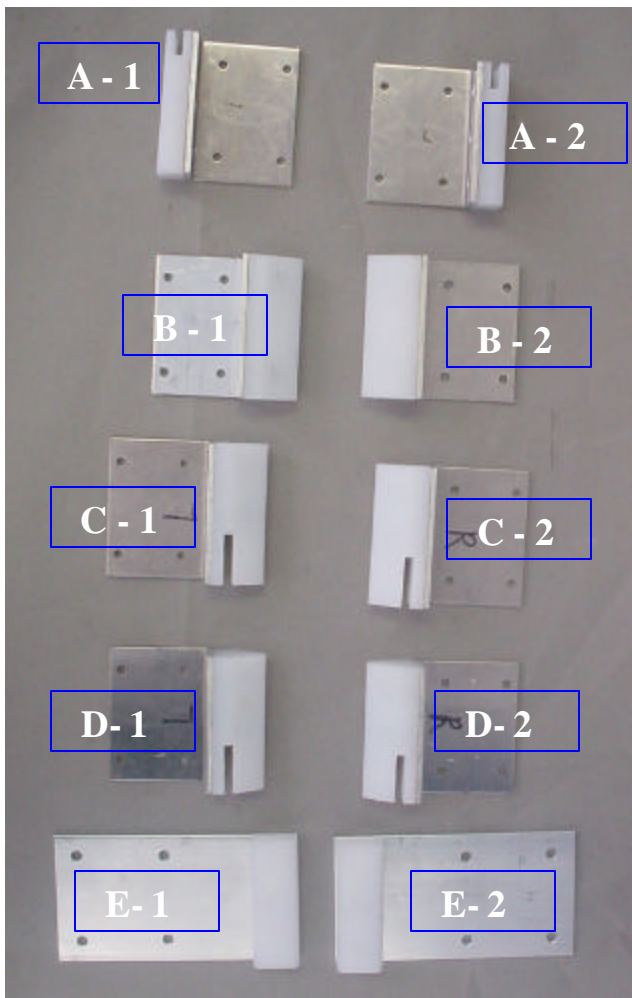
9

Slide panels #2 and #3 to the right hand side of track-  
The track that does not have the operator

Place all panels as shown on page 4 so the door is in the closed  
position

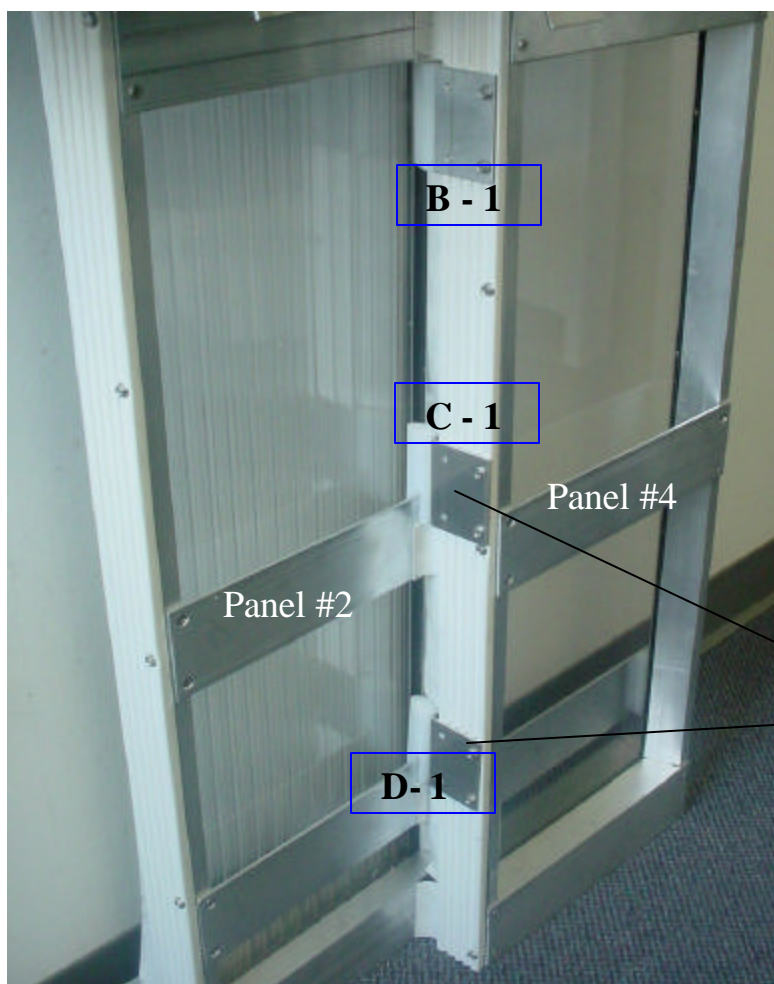
10

Preparing to install Glider blocks and Guides



See the following pages for installation of these parts

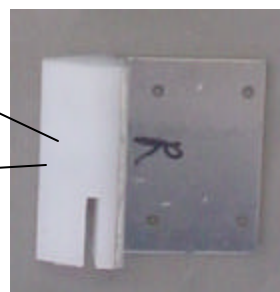


**11****Install Blocks on Door Sections**

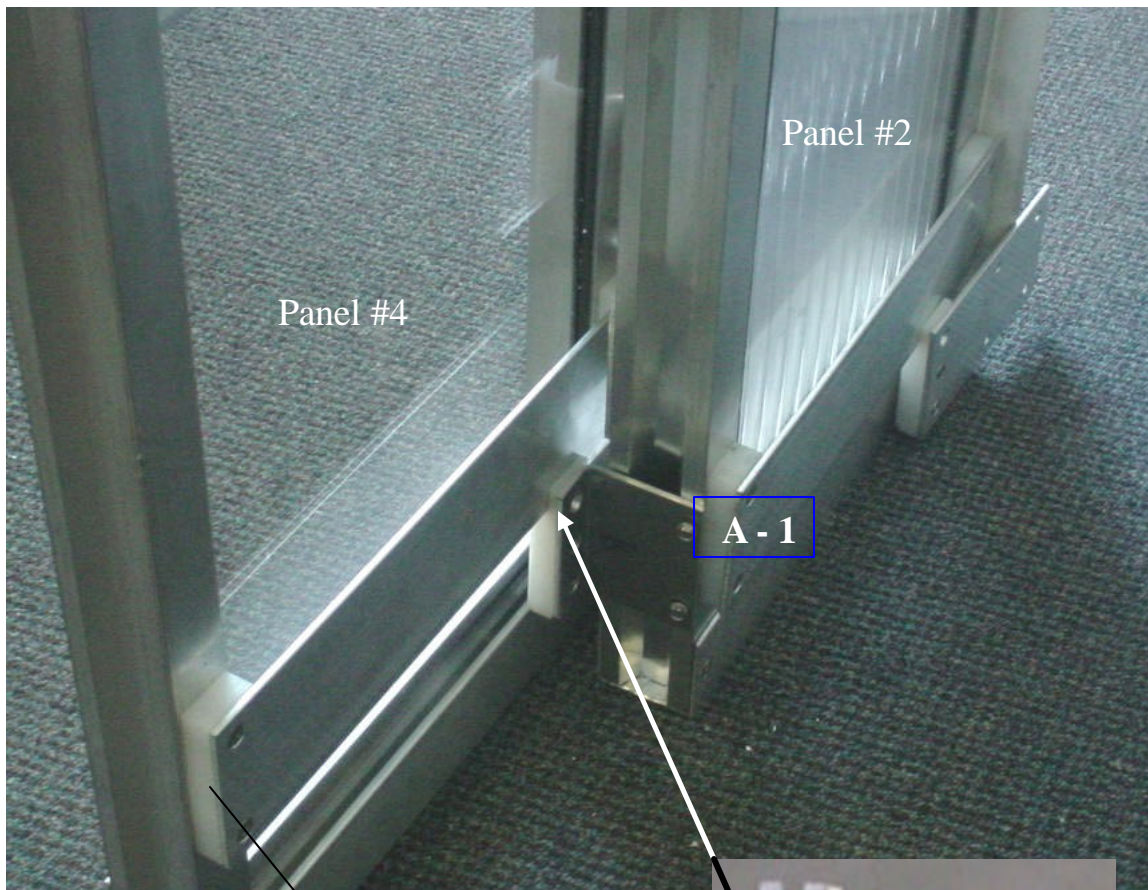
With Door Sections in Closed position:

Install Items 'B-1,C-1, and 'D-1' on Panel #2 and Panel #4 as shown

Install Items 'B-2', 'C-2' and 'D-2' on Panel #1



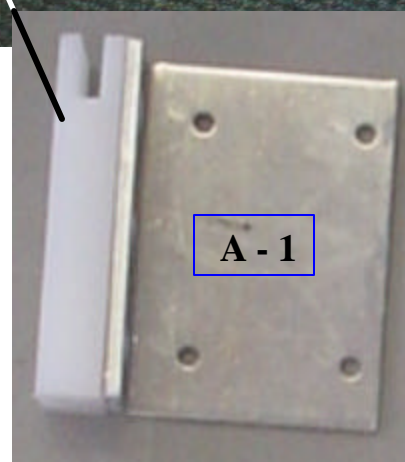
## 12 Install Items 'A-1' and 'A-2'



**\*\*IMPORTANT - MAKE SURE DOOR IS COMPLETELY CLOSED AS SHOWN ON PAGE 4**

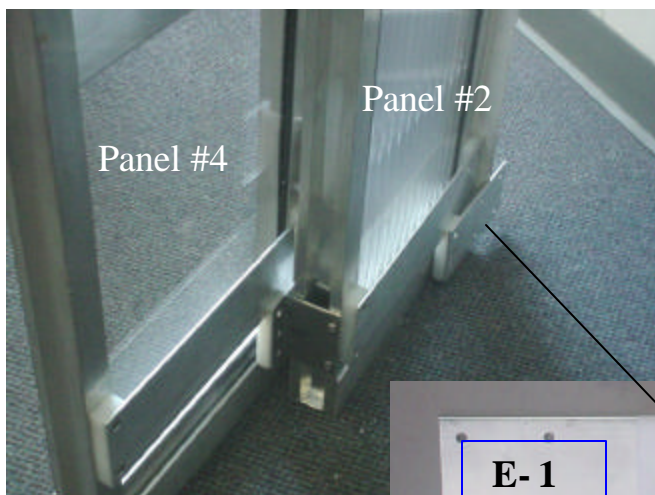
With Door Sections in Closed position:  
Install item 'A-1' on Panel #2. The guide bar is inserted into slot of A-1 as shown

Follow same steps when installing item 'A-2' on Panel #1 (no picture shown)



GSP: Glider Spacer for cross brace

### 13 Install Items 'E-1' and 'E-2'



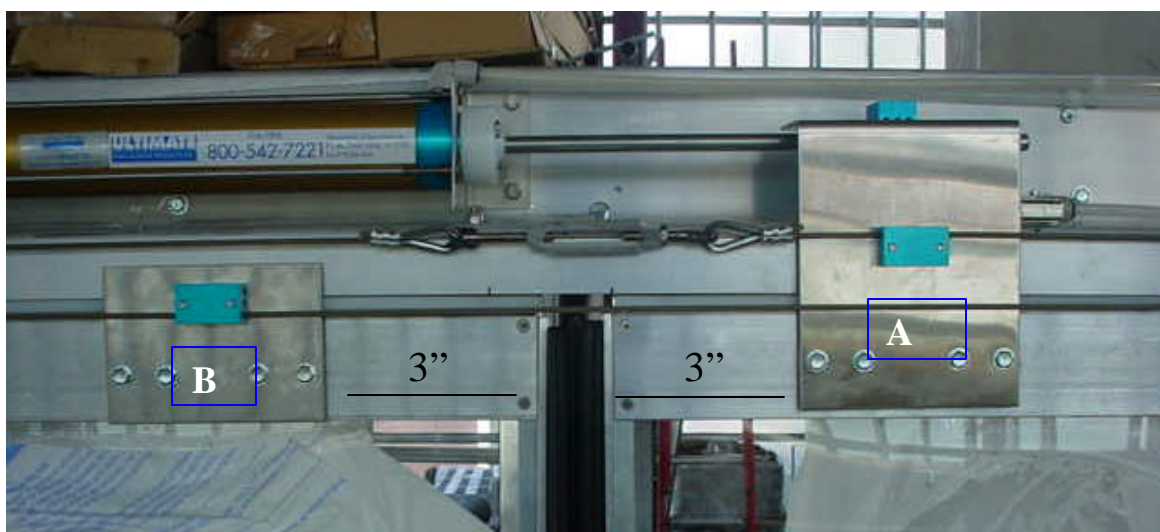
Keeping Door in Closed Position:  
Insert item 'E-1' onto guide bar  
of panel #2 and attach to wall with  
screws. (screws not provided)



### 14 Install Item 'E-2' on Panel #1 as shown in step number 13 above

### 15 Preparing to install Door Brackets:

Close panels to meet in  
the center

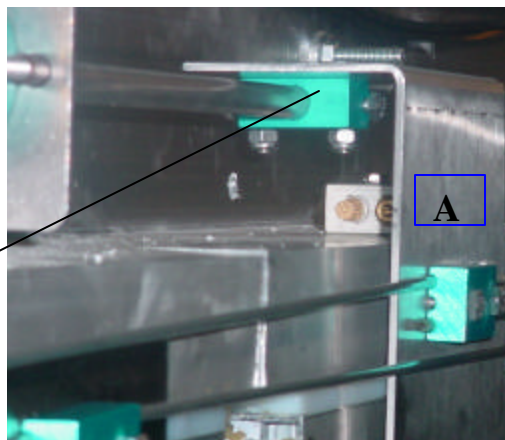




## 16 Install Bracket 'A'

\*Important: Push Operator Rod fully into cylinder.  
Now pull operator rod out of cylinder 1/4"

Slide Bracket 'A' onto operator rod and position bracket 'A' 3" from edge of door as shown on step #17. Now attach aluminum block to operator rod as shown



## 17 Pre Drill holes for Brackets 'A' and 'B' Attach Bracket 'A' to Panel #4 and Bracket 'B' to Panel #3 as shown Make sure brackets are attached 3" from edge of door as shown

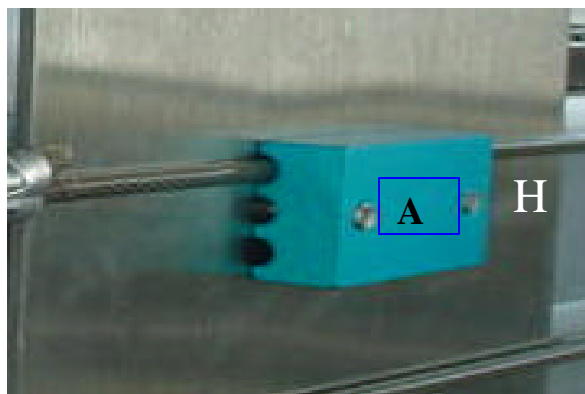


## 18 Install Door Cables

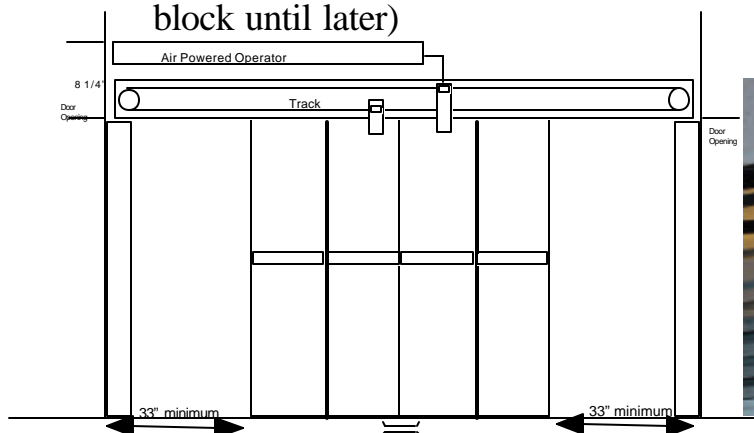
Position turnbuckle in center of door opening as shown above

**19** Run cable through top slot of bracket 'A':

Tighten bolts of aluminum block down onto cable.



**20** Run cable around top of pulley on right side of track and through top slot of aluminum block on bracket 'B' (do not tighten block until later)



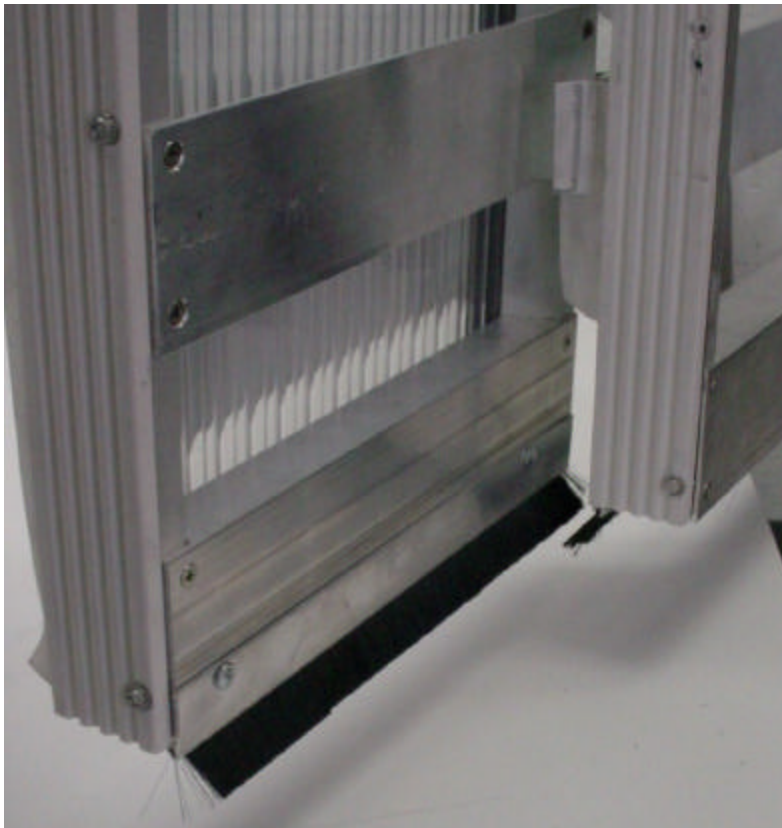
**21** Continue running cable around bottom of pulley on left side of track. Connect cables together in center with turnbuckle.

Tighten cable by adjusting turnbuckle.  
Do not over-tighten. Tighten aluminum block on bracket 'B'





## 22 Install brush on bottom of door sections



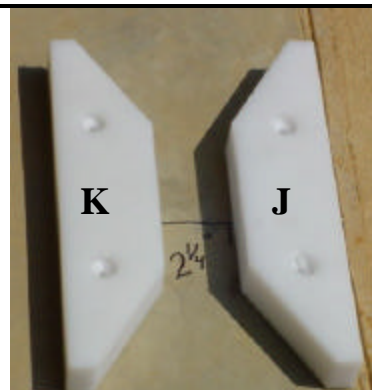
Install brush on bottom of each panel so that brush angles inward as shown. (Brushes will angle toward each other)

Bottom of brush should touch floor for a proper seal.

23

## Install floor guides

Space Items 'J' & 'K' 2 1/4" apart  
 Make sure center of floor guides are  
 in center of door opening  
 Place item 'J' even w/ door opening



24

## Install Air Fittings



Figure 1

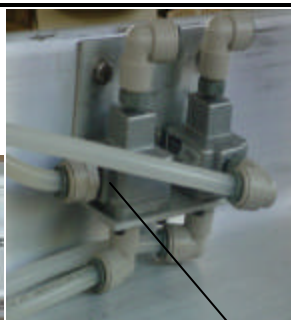


Figure 2



Figure 3

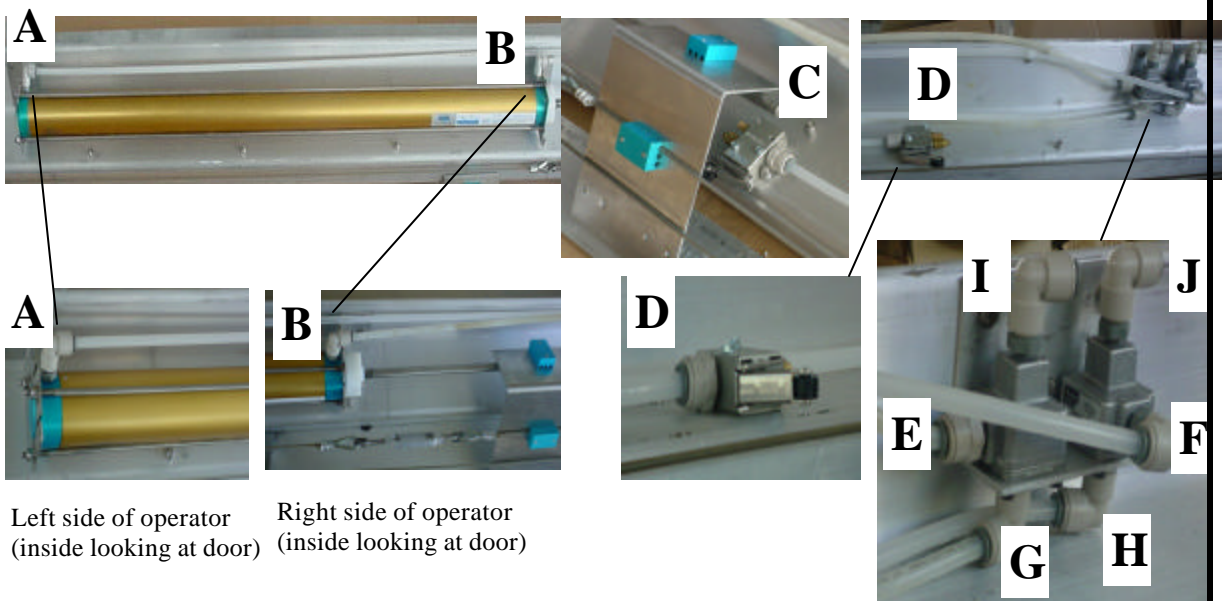
Install fittings to  
 Figure 1 & 2



Install fitting to  
 Figure 3 and here



**25** Air line connections



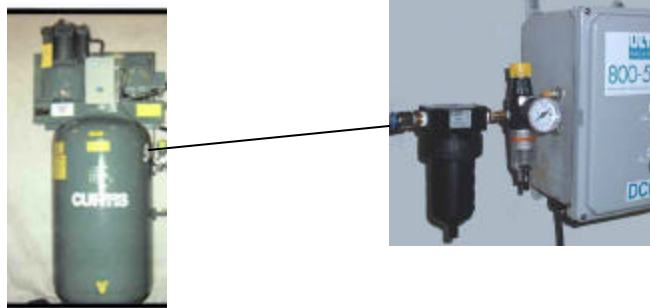
Left side of operator (inside looking at door)      Right side of operator (inside looking at door)

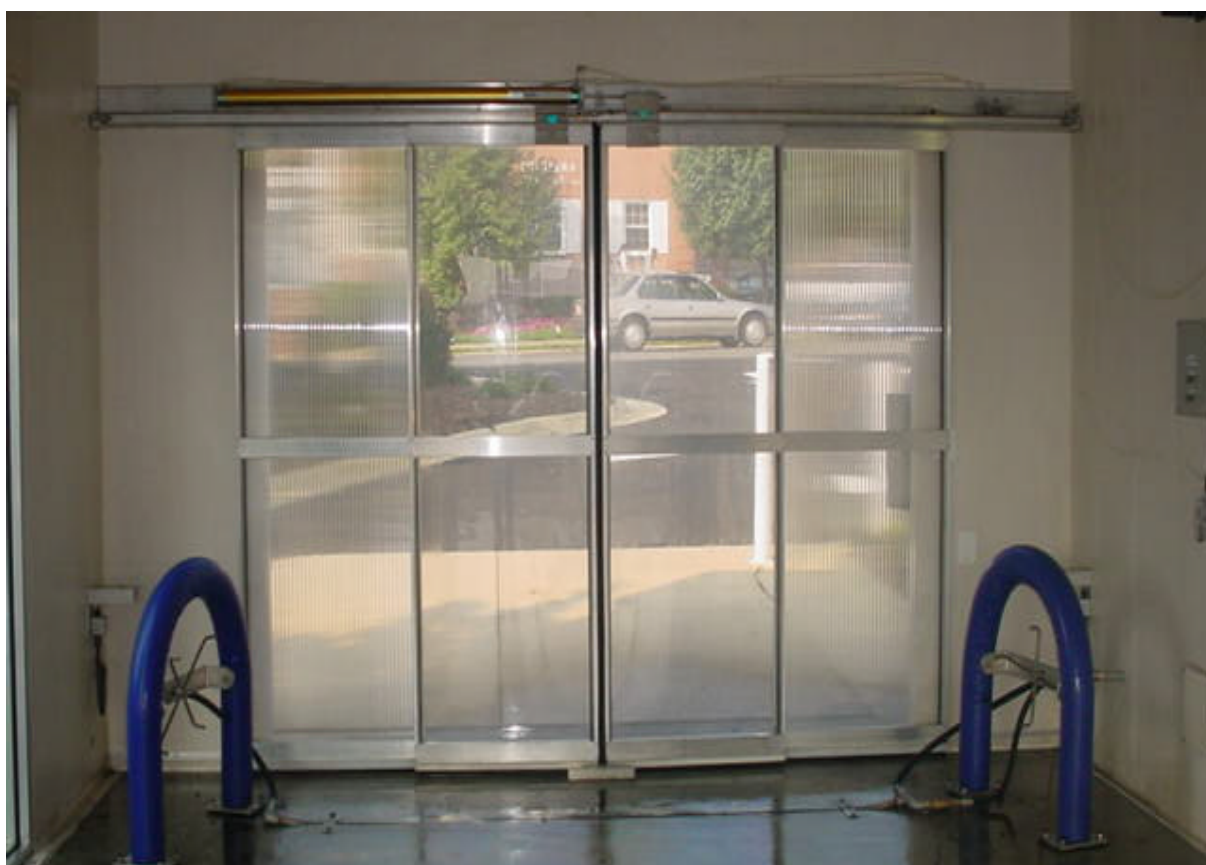
- Connect Air line from “A” (left side of operator) to “F”
- Connect Air line from “H” to “C”
- Connect Air line from “B” (right side of operator) to “E”
- Connect Air line from “G” to “D”

- Connect air line from “I” to “K”
- Connect air line from “J” to “L”



Connect air line from compressor      To      Left side of Control box



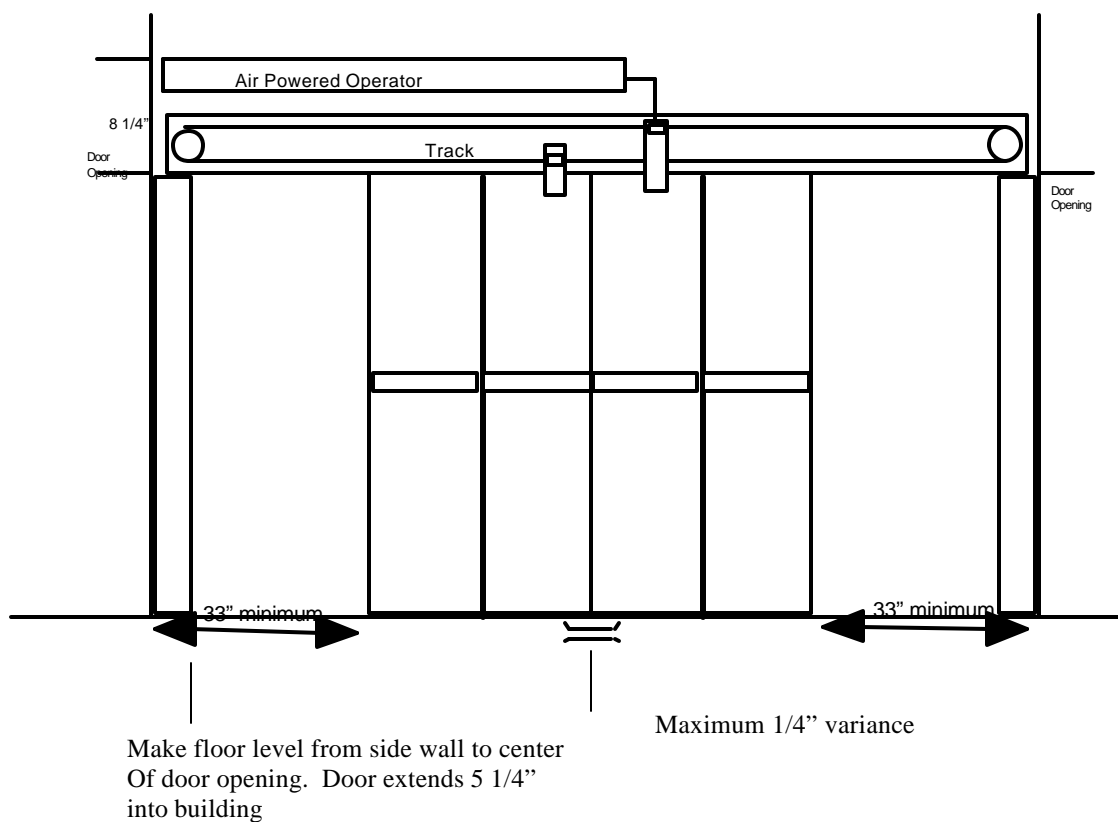


## Door opening requirements for Glider Door

For 10' opening— Minimum of 33" of side room on each side  
 Operator will open the door 9'9" wide leaving 1 1/2" of door in opening

Make Floor level! Track and operator weight approx. 155 pounds.

Track w/ operator extends 8 1/2" above door opening.  
 Track is fastened to wall w/ self tapping screws 2' apart.





## Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>