INSTALLATION & MAINTENANCE MANUAL

SLIDING GRILLES
BEFORE PROCEEDING

SITE VERIFICATION

BEFORE YOU UNPACK THE GRILLE, CHECK THE DOCUMENT PACKAGE ACCOMPANYING THESE INSTRUCTIONS AGAINST YOUR FIELD REQUIREMENTS.

VERIFY THAT THE RECEIVING STRUCTURE IS CAPABLE OF SUPPORTING A FULLY STACKED GRILLE AT ANY POINT ALONG ITS LENGTH.

DO NOT BEGIN INSTALLATION UNTIL YOU ARE SATISFIED THAT ALL OF THE INFORMATION AND MATERIEL PROVIDED ARE CORRECT.

1st) CHECK YOUR PACKING SLIP AGAINST THE SHOP DRAWING TO CONFIRM GRILLE TYPE, FINISH AND QUANTITIES OF COMPONENTS.

2nd) CHECK THE HEIGHT AGAINST THAT ON THE SHOP DRAWING. IF THERE IS A SIGNIFICANT DISCREPANCY, CONTACT THE GRILLE DEALER IMMEDIATELY.

3rd) CHECK THE WIDTH AGAINST THAT ON THE SHOP DRAWING. IF THERE IS A SIGNIFICANT DISCREPANCY, CONTACT THE GRILLE DEALER IMMEDIATELY.

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SLIDING GRILLE INSTALLATION INSTRUCTIONS

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SLIDING GRILLE PACKING SLIP

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LEXAN VISTA  CLEAR ANODIZED

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INTERIOR

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EXTERIOR

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TO TOP OF TRACK = 3000mm [118 1/8"]

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FINISHED FLOOR
**TRACK INSTALLATION**

**NOTE!!**

DO NOT INSTALL YOUR GRILLE UNLESS THE STRUCTURE IS ABLE TO HOLD UP THE FULLY STACKED GRILLE AT EVERY POINT ON ITS LENGTH.

WOOD THAT IS WELL SUSPENDED (EVERY FOUR FEET) AND OF AT LEAST 1-3/4" THICKNESS IS RECOMMENDED TO SUPPORT SLIDING GRILLE TRACKS.

DRYWALL FRAMING CHANNEL THAT IS MADE OF STAMPED STEEL IS NOT RECOMMENDED AS A GRILLE SUPPORT, AS THE STEEL WALL GAUGE IS NOT NEARLY THICK ENOUGH TO HOLD ON TO ANY INSTALLATION SCREWS. THEY WILL PULL OUT OF DRYWALL STEEL.

### INSTALLATION

- #10 x 2" SCREW TYP. INTO WOOD (#10 x 1" TEK POINT SCREWS INTO STEEL) SPACED @ 12" (30cm) IN THE OPENING & @ 6" (15cm) IN THE STORAGE POCKETS
- TRACK JOINTS MUST ALWAYS BE TIGHT & WITHOUT GAPS OR THE ROLLERS WILL BECOME DAMAGED
- GENTLY DE-BURR INSIDE CUT EDGES WHERE THE ROLLERS RUN

### INSTALLATION

- RECESSED TRACK MUST BE REMOVEABLE FOR GRILLE INSTALLATION AND MAINTENANCE
- DRYWALL FRAMING CHANNEL THAT IS MADE OF STAMPED STEEL IS NOT RECOMMENDED AS A GRILLE SUPPORT, AS THE STEEL WALL GAUGE IS NOT NEARLY THICK ENOUGH TO HOLD ON TO ANY INSTALLATION SCREWS. THEY WILL PULL OUT OF DRYWALL STEEL.
- INSTALL ANY CURVES AROUND OBSTACLES, STARTING AT THE STORAGE POCKET
- INSTALL STRAIGHT TRACK WORKING FROM THE STORAGE POCKET OUTWARDS. SNAP CHALK LINES ON ALL FACES TO ALIGN STRAIGHT TRACK AND CURVES
- IT IS ESSENTIAL TO MAINTAIN 4-1/2" (114mm) CLEARANCE BETWEEN THE CENTERLINE OF THE TRACK AND ANY OBSTACLES. THE GRILLE MUST BE ABLE TO FOLD UP LIKE AN ACCORDION WHEN YOU PUSH IT TOWARDS ITS STORAGE AREA AND IT MUST CLEAR ALL CORNERS.
- USE "J" MOLD EDGING ALONG RECESSES IN DRYWAY
- INSTALL STRAIGHT TRACK WORKING FROM THE STORAGE POCKET OUTWARDS. SNAP CHALK LINES ON ALL FACES TO ALIGN STRAIGHT TRACK AND CURVES
- INSTALL A SHORT PIECE OF TRACK IN AN ACCESSIBLE LOCATION SO THAT THE DOOR IS EASILY REMOVEABLE FOR SERVICE AND MAINTENANCE.
SLIDING GRILLE INSTALLATION

1st HANG EACH CURTAIN SECTION (MARKED BY THE NUMBER OF FULL SIZED PANELS PER SECTION) AND EACH POST (CONNECT TO CURTAIN AFTER) USING THE ORIENTATION SHOWN ON THE LAYOUT DRAWING. NOTE LOCK POST DETAILS

ALTERNATE #8 FIXED TRAILING POST

#8 FIXED END POST FASTENS TO SOLID SUPPORT

TOP STOPPER ON #6 POST:

DRIVE #10 TRACK SCREW WITH 1/4" HIGH CYL. SPACER THROUGH THE TOP OF THE TRACK TO STOP THE END POST

#6 TRAILING POST:

1/4" WEDGE ANCHORS

PIN ADJUSTS UP AND DOWN

#6 POST SELF-LOCKS TO V-SHAPED STEEL STOP INSTALLED ON POCKET FLOOR

#2 TOP AND BOTTOM LOCKING LEAD POSTS

STEEL TOP BOLT LOCKS INTO HOLE DRILLED THRU THE TOP OF TRACK & INTO SUPPORT. 7/8" (11mm) MIN. OR 1/2" (13mm) MAX. DIAMETER BIT.

TO CHANGE LOCK CYLINDERS

RUBBER BUMPER IS MOUNTED ON A RIGID BACKER. PULL RUBBER AND BACKER OUT TOGETHER TO EXPOSE THE #10 CYLINDER SET SCREW UNDERNEATH. SNAP BOTH BACK INTO THE SIDE OF THE POST TOGETHER WHEN FINISHED.

LOCK CYLINDER REQUIREMENT

STANDARD 5, 6 OR 7 PIN MORTISE CYLINDER

"ADAMSRITE" TYPE CAM

ALTERNATE #7 HOOKBOLT LEAD POST

#7 POST STRIKER FASTENS TO SOLID SUPPORT

#7 POST HOOKBOLT LOCKS TO STRIKER

#2, #3, #4 POSTS:

STEEL BOTTOM BOLT LOCKS INTO DUST-FREE RECEPTICAL MOUNTED IN FLOOR. USE HAMMER DRILL INTO CONCRETE, CORING BIT INTO STONE: 3/4" DIA. (20mm BEST) DIA..

** LEVEL POSTS IN BOTH DIRECTION BEFORE DRILLING!
1) **KEEP THE TRACK CLEAN AND REGULARLY INSPECT IT FOR DAMAGE.**

2) **TRACK JOINTS SHOULD ALWAYS BE TIGHT AND SECURE OR THE ROLLERS WILL BECOME DAMAGED**

3) **ROLLERS SHOULD BE CHECKED FOR WEAR AND DAMAGE AND BROKEN ROLLERS MUST BE REPLACED WHEN NECESSARY**

4) **ROLLERS AND TRACK CURVES SHOULD BE LUBRICATED WITH A FINE SPRAY OIL, SUCH AS WD-40, EVERY FOUR MONTHS OR AS REQUIRED**

5) **IF THE TRACK SUPPORT APPEARS TO BE MOVING OR FALLING, REPORT IT IMMEDIATELY TO THE CONTRACTOR RESPONSIBLE FOR ITS CONSTRUCTION. SUPPORT FAILURE MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE**

6) **INSPECT HINGE SCREWS TO ENSURE THAT THEY REMAIN TIGHT. DAMAGED HINGES SHOULD BE REPAIRED OR REPLACED IMMEDIATELY OR THE GRILLE WILL NOT FOLD UP AND OPERATE PROPERLY.**

7) **DAMAGED GRILLE SECTIONS AND COMPONENTS SHOULD BE REPLACED IMMEDIATELY. BROKEN PARTS CAN CAUSE UNDUE STRESSES DURING THE OPERATION OF THE GRILLE THAT MAY RESULT IN INJURY TO THE OPERATOR OR OTHERS.**

8) **FLOOR SOCKETS SHOULD BE KEPT FREE OF DIRT AND DEBRIS. LIGHT SPRAY OIL SHOULD BE USED OCCASIONALLY TO FLUSH THEM OUT.**

9) **KEEP STORAGE POCKETS CLEAN AND FREE OF DEBRIS. DO NOT STORE OTHER OBJECTS IN THE POCKET WITH THE GRILLE AS THEY MAY CAUSE SUBSTANTIAL DAMAGE TO IT.**

10) **CLEAN ALUMINUM SURFACES WITH A DAMP RAG AND A NON-ABRASIVE CLEANER. [ORANGE BASED CLEANERS WORK WELL ON ANODIZED ALUMINUM.] TEST CLEANER ON AN INCONSPICUOUS AREA FIRST, IF UNSURE.**
MAINTENANCE INSTRUCTIONS FOR

SLIDING GRILLES

1. Keep track clean and regularly inspect track for damage.
2. Damaged sections should be replaced immediately. Damaged sections cause undue stress during the operation of the grille and can result in injury to the operator and others.
3. Inspect hinge screws to ensure that they remain tight. Damaged hinges should be replaced immediately.
4. Track joints should always be tight and secure.
5. Floor sockets should be kept free of dirt and debris.
6. Rollers should be checked for wear and replaced when needed.
7. Rollers and track curves should be lubricated with WD-40 or equivalent type of oil every six months or as required.
8. Keep aluminum clean with a damp rag and non-abrasive cleaner. If unsure of cleaner, test it on a small inconspicuous area first. Glass should be cleaned with glass cleaner. If cleaner is spray on to aluminum, wipe off with a damp rag.
9. If grille support appears to be moving or falling, this will eventually cause damage to the grille and can result in personal and property damage. Immediately report and bulkhead failures to the contractor responsible for its construction.
10. Keep pocket clean and free of debris.
11. When operating large sliding grille doors they come equipped with #5 bi-parting post sections. These are there to allow for the end user to separate the grille into smaller sections to reduce the force that is required to push the grille open or closed. If possible it is always better to pull the door extended out to get it to the fully open position or to take it to the mouth of the pocket when closing and then stack the unit up.
12. When using s-curves use due diligence and feed the grille carefully through these sections never try to ram a fully stacked door through any curves.

By following these basic steps your grille will last longer with trouble free use for years to come.

If regular inspection and proper maintenance is followed you can help to ensure trouble free use of your Amstel Folding Grille. Please contact us for the availability of maintenance programs. If you have any questions regarding your Amstel Folding Grille, please contact us.
Amstel SLIDING GRILLE EXTRA PANEL REMOVAL

1 [general] CLAMP A #2 SQUARE SCREWDRIVER BIT IN LOCKING PLIERS AS SHOWN

2 [general] LAY THE GRILLE SECTION ON THE FLOOR OR A BENCH AS SHOWN WITH THE LOCK POSTS REMOVED

3 [general] WITH A SECOND TECHNICIAN HOLDING THE END OF THE HINGE ROD WITH THE VISE GRIP DRIVER TO PREVENT THE HINGE ROD FROM TURNING...

4 [general] REMOVE HALF PANEL

...REMOVE HINGE SCREW AND WASHER.
TO REMOVE AN EVEN NUMBER OF PANELS...

1
[even]

REMOVE HINGE ROD

REPLACE HINGE ROD

REPLACE SCREW AND WASHER TO THE END OF THE HINGE ROD

TO REMOVE AN ODD NUMBER OF PANELS...

1
[odd]

REMOVE SCREW FROM THE END OF THE HINGE ROD

...AFTER YOU REMOVE THE HALF PANEL...

...ROTATE HALF PANEL END-FOR-END SO THAT IT WILL HINGE IN THE RIGHT DIRECTION WHEN YOU LAY IT BACK ON THE GRILLE SECTION.

2
[even]

3
[even]