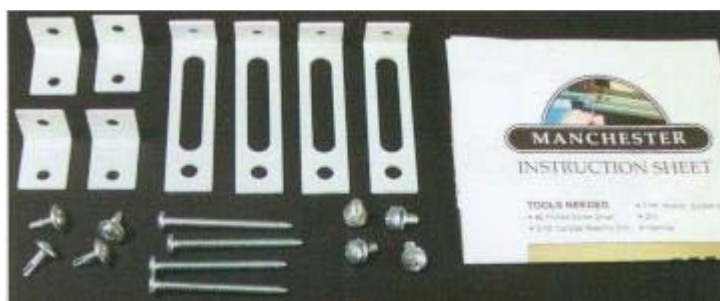


# MANCHESTER

## INSTRUCTION SHEET

### TOOLS NEEDED

- #2 Phillips Screw Driver
- Drill / Screw Gun
- Straight Screw Driver
- 3/16" Carbide Masonary Drill Bit



### STEP 1

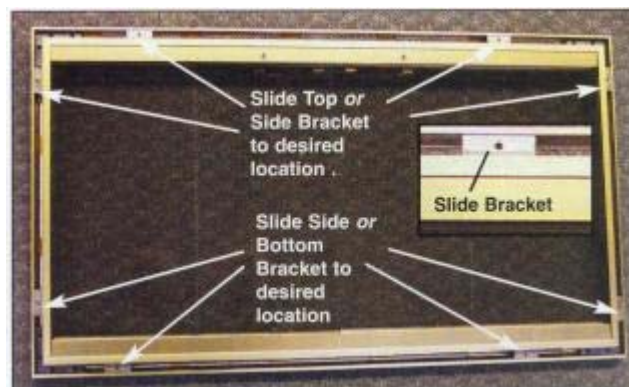
Inventory parts included with kit.

- 4 5-ZCMA 1" - Mounting Angle
- 4 5-ZCMS 3" - Mounting Strap
- 4 #8 x 2" Pan Head Phillips Sheet Metal Screws
- 4 #8 x 1/2" Self Drilling Washer Head - Tek Screws
- 4 10/32 x 3/8" Phillips Machine Screws with Lock Washers



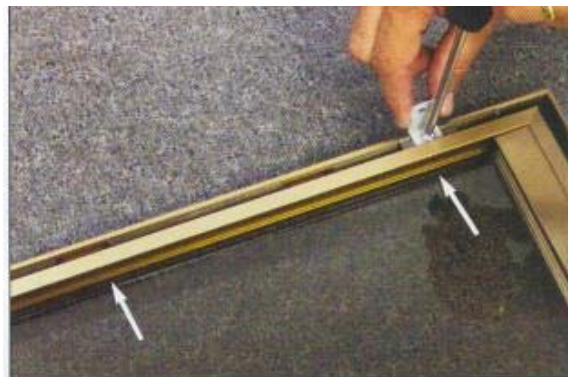
### STEP 2

Check fireplace measurement and location for mounting brackets



### STEP 3

Slide brackets to desired location.



### STEP 4

Attach 4 Mounting Angles to slide bracket using 10-32 Machine Screw with Lock Washer. **NOTE:** This will lock slide bracket in place.



### STEP 5

Optional Strap is used when mounting through REFRACTORY PANELS or other installations.



### STEP 6

Press top of door frame tight against opening of fireplace. Check alignment and center unit in opening.



**STEP 7** Use a self drilling screw supplied in Kit.



**STEP 8** Screw into position at top left. *(Note: Make sure frame does not move.* Screw into position at top right. *Do not over tighten, this may strip out screw.*



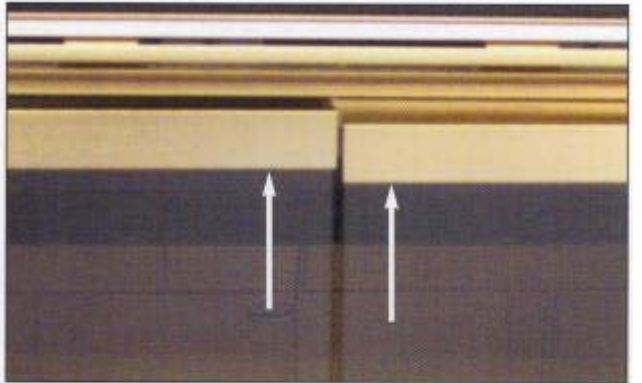
**STEP 9** Check alignment at top of doors. Note: magnets hold doors at bottom in alignment. If alignment is needed at top of doors see Step 10.



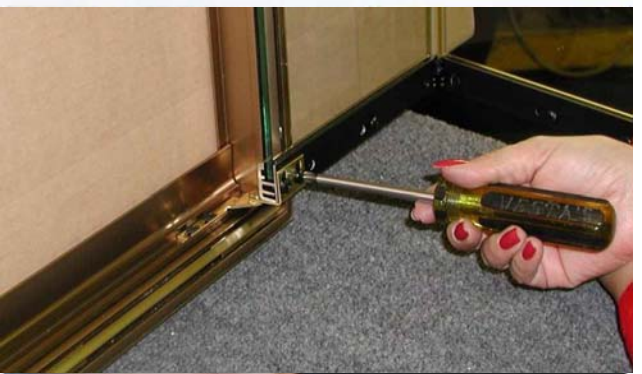
**STEP 10** Move bottom of door in or out to align top face of doors.



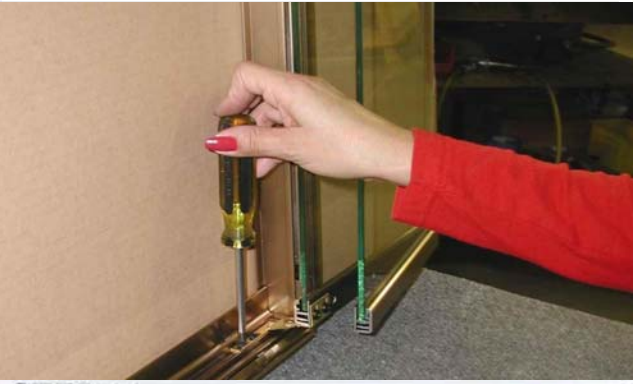
**STEP 11** Gently open left door ( **Do not move alignment**), and install self drilling screw . Close and recheck alignment. **Repeat Step 11** on right side.



**STEP 12** Check height of door panels. *Note: Two different adjustments are available, see Step 13 or 14.*

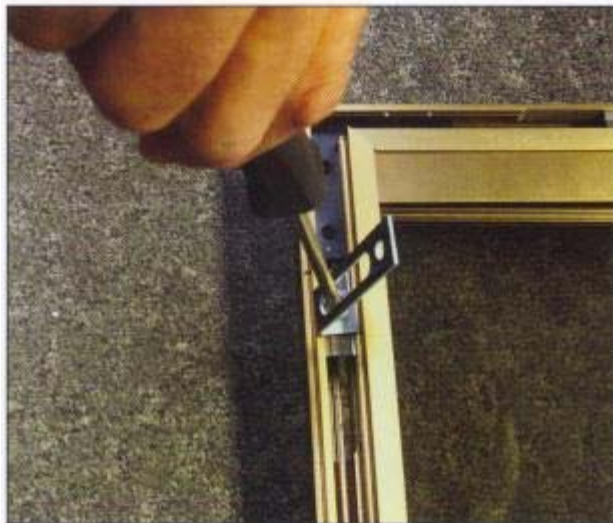


**STEP 13** Loosen set screws on back of hinge, adjust doors using screw driver. Snug screws, check alignment.



**STEP 14** **Alternate adjustment**, - loosen screws on hinge in track - adjust doors, snug screws. Check alignment.

# INSTRUCTIONS FOR INSTALLATION OF **OPTIONAL** MOUNTING STRAP

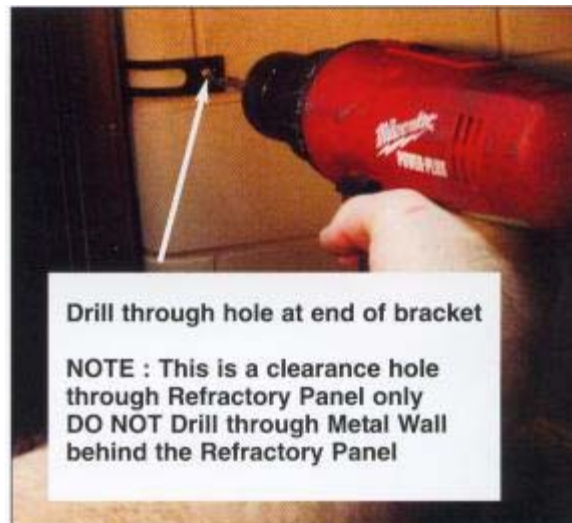


**STEP 1** Mount Strap in desired position on back-side of door frame.



**STEP 2** Strap can be bent to conform as necessary for proper mounting fit (see demonstration shown above)

**Note:** *Bending of Strap should be done at time of installation to insure proper fit.*



Drill through hole at end of bracket

**NOTE :** This is a clearance hole through Refractory Panel only **DO NOT** Drill through Metal Wall behind the Refractory Panel

**STEP 3** Using a 3/16" masonry bit drill a clearance hole through refractory panel as shown.

**Note:** *Do not drill through metal wall behind refractory panel.*

**Do Not** use anchors in the refractory panel they may break or crack the refractory panel.



**STEP 4** Using a #8 x 2" Sheet Metal Screw to install into metal wall behind the refractory panel.

**Note** **DO NOT** over tighten this may strip out screw.

## **Adjusting Doors**

The bifold doors are adjusted for spacing at the factory. If they should need adjustment, please refer to Steps 12, 13 & 14.

## CARE & CLEANING

Never use an abrasive polish on the finish on your firescreen—clean with a mild soap solution and a soft cloth then dry. Use a mild soap solution to remove any stubborn stains from the glass, then follow with a dampened towel, followed by a dry towel. *Do not use ammonia or ammonia-based glass or household cleaners to clean the glass or the firescreen, as these types of cleaners may damage the finish of your firescreen.* Minor finish scratches can be removed by applying lemon oil. **DO NOT CLEAN GLASS WHEN HOT OR BREAKAGE MAY OCCUR.**

Building a fire. **WARNING:** Never use gasoline, gasoline-type lantern fuel, kerosene, charcoal lighter fluid, or similar liquids to start or “freshen up” a fire. Keep all such liquids well away from the fireplace while it is in use.

**WARNING:** Do not place combustible material close to fireplace opening. Close the curtain mesh and keep closed while the fire is burning to prevent any sparks or hot coals from escaping the fireplace. You may also wish to close the glass doors, but do so *only after allowing the doors to warm up and only if the fire is not too large.* The flames of the fire should never be allowed to come any closer than about 8” from the glass doors.

**WARNING:** Operate only with both doors fully open or fully closed to reduce the risk of smoke and flame spillage. Avoid building a fire that is especially large or hot. The tempered glass in the doors and the finish on your firescreen should be able to withstand temperatures as high as 375° F without sustaining any damage. Temperatures as high as this or higher are not likely to occur with normal use. Should a fire become too large or hot, open both glass doors all the way, this will quickly reduce the interior heat of the fireplace. For extreme cases, a light spray of water directly on the fire will help to quickly reduce its temperature and size. Use a poker to push the wood to the back of the fireplace and tend the fire until its size is reduced.

**WARNING:** Never allow any cold objects or water to come into contact with the glass in the doors when hot or breakage may occur.

## FIRESCREEN LIMITED WARRANTY

The manufacturer warrants to you, the original retail purchaser only, that your firescreen will be free of defects in material and workmanship at the time of your purchase from an authorized dealer or distributor for a period of one year beginning with the date of purchase.

At any time during this stated period, should any of the parts be found to have been defective in material or workmanship at the time of purchase, the manufacturer will repair or replace same at no cost to purchaser. However, purchaser must pay labor and transportation cost for removal and return of the firescreen, or its parts, to the manufacturer, as well as labor costs for reinstallation of repaired unit. Proof of purchase must accompany the returned product. If you believe the product is defective notify your dealer who can assist you in returning it to the manufacturer whose address is: Portland Willamette 6800 NE 59th Place, Portland Oregon, 97218. In case of breakage of a pane of glass on the firescreen, these are warranted to the original purchaser against breakage for as long as you own the firescreen in the original installation. Portland Willamette's liability under this warranty is limited to replacement, without charge, except for transportation and installation labor of the glass panel. In the event of breakage upon receipt of notice in writing to Portland Willamette or their authorized dealer of such breakage. This warranty shall not apply to any firescreen panel of glass which, in Portland Willamette's judgment has been subject to misuse, negligence or accident.

**PORTLAND WILLAMETTE LIMITS THE DURATION OF THE IMPLIED WARRANTY OF MERCHANTABILITY TO THE PERIOD SET FORTH ABOVE, APPLICABLE TO THE PARTS AS SPECIFIED, AND OTHERWISE DISCLAIMS ALL IMPLIED WARRANTIES WITH RESPECT TO THE FIRESCREEN AND ITS PARTS.**

Some states disallow certain limitations on implied warranties, so you should consult your state law if you have a question regarding this limitation and disclaimer. The manufacturer disclaims any and all liability for incidental, consequential, special or indirect damages arising out of any claimed breach of warranty or otherwise. However, some states do not allow exclusion or limitation of such damages so this disclaimer may not apply to you. The remedies provided in this limited warranty for a defective firescreen is the purchaser's sole and exclusive remedy subject of your state law. Further, this warranty gives you specific legal rights and you may also have other rights which vary from state to state.



**PORTLAND  
WILLAMETTE**

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