



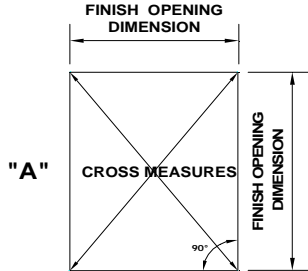
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windows and doors

STANDARD & FOLDING DOORS INSTALLATION PROCEDURES

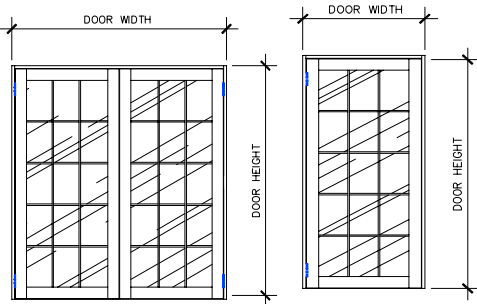
Tools & Accessories Needed for installation:

Carpenter Square Ruler // Plumb or Level // 1/4" Drill Bit (Metal)
 5/16" Drill Bit (Masonry) // Installation Screws Kit // Carpenter Hammer
 Electric drill // 1/2" Drill Bit (Metal) // 1/2" Drill Bit (Masonry)



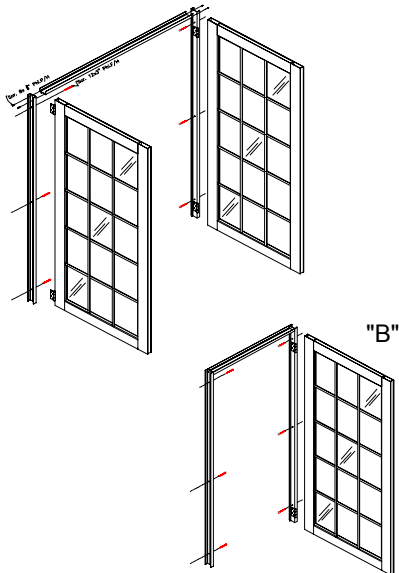
STEP I : OPENING

- Opening shall be finished before starting the installation
- Verify the finish opening dimension, F.O.D. (width & height)
- Verify if opening is square and plumb taking cross measures and angle as shown on detail "A". Cross dimensions shall be the same for a plumb opening. Angle at each corner shall be ninety degrees (90°) for a square opening.



STEP II : DOOR

- Verify Door dimensions (width & height) and compare the measurements with the finished opening dimension. Both, door width and height, must be between 1/8" and 3/8" less than the opening.



STEP III : INSTALLATION

- Install Frame Head using the screws provided to the Frame Jambs.
- Put Door at opening and using temporary shims (wood or plastic) fixed it maintaining the same perimeter separation between window and masonry (1/8" to 3/8").
- Using a 1/4" drill bit make installation holes as shown on detail "B", proceed with installation using screws and expansion shields depending on application. Be sure to install 14x3" F/H S/S screws & 5/16"x 2" blue expansion, if the door is model 4000 install with 14x 4" F/H S/S at the jambs & 12x 3" F/H S/S at the frame head with 5/16"x2" blue expansion
- After Door installation, use the 1/2" Drill bit (metal) to make a hole in the frame top head for the top flush bolt and with the 1/2" Drill Bit (Masonry) make another hole in the floor for the bottom flush bolt.
- After Door installation, clean the opening with pressure air or a brush.
- Apply perimeter caulking sealant as recommended by manufacturer to seal the open space between the Door frame jambs and the masonry opening.

HARDWARE REPLACEMENT PARTS

All standard and custom hardware can be replaced in case of damage or bad function . It is recommended that replacement will be done by a technician trained in Door operation.

In case of problems or assistance with Door operation, please contact Air Master Inc. head quarters, Customer Service Division at (787) 623-1800 or (787) 846-1800 .



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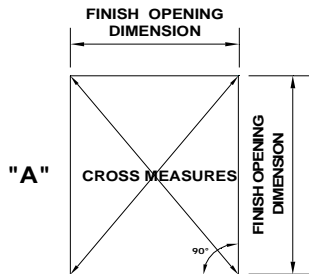
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SLIDING DOOR INSTALLATION PROCEDURES

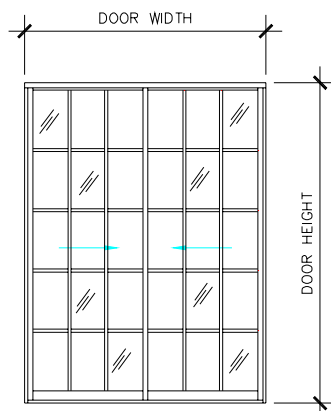
Tools & Accessories Needed for installation:

Carpenter Square Ruler // Plumb or Level // 1/4" Drill Bit (Metal)
1/4" Drill Bit (Masonry) // Installation Screws Kit // Carpenter Hammer
Electric drill // wood shims.

STEP I : OPENING



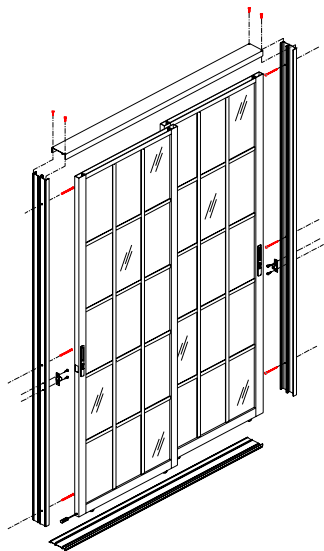
- Opening shall be finished before starting the installation
- Verify the finish opening dimension, F.O.D. (width & height)
- Verify if opening is square and plumb taking cross measures and angle as shown on detail "A". Cross dimensions shall be the same for a plumb opening. Angle at each corner shall be ninety degrees (90°) for a square opening.



STEP II : DOOR

- Verify Door dimensions (width & height) and compare the measurements with the finished opening dimension. Both, door width and height, must be between 1/8" and 3/8" less than the opening.

STEP III : INSTALLATION



"B"

- Install Frame Head using the screws provided to the Frame Jambs.
- Place the frame track on the floor
- Put Door Frame at opening and using temporary shims (wood or plastic) fixed it maintaining the same perimeter separation between Frame and masonry (1/8" to 3/8").
- Using a 1/4" drill bit make installation holes as shown on detail "B", proceed with installation using screws and expansion shields depending on application. Be sure to install 10x2" F/H S/S screws & 1/4"x 2" green exp. at each drilled hole to guarantee the door compliance with local codes.
- Install the door catch to the frame jamb and adjust
- Install the door leaves to the frame
- Adjust the door high & level by adjusting the roller wheels using a Phillip screwdriver & verify the door catch position.
- After Door installation, clean the opening with pressure air or a brush.
- Apply perimeter caulking sealant as recommended by manufacturer to seal the open space between the Door frame jambs and the masonry opening.

HARDWARE REPLACEMENT PARTS

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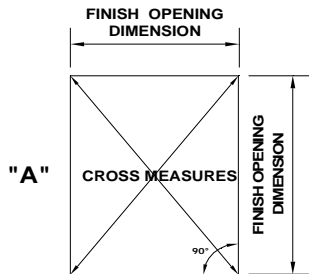
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CASEMENT WINDOW INSTALLATION PROCEDURES

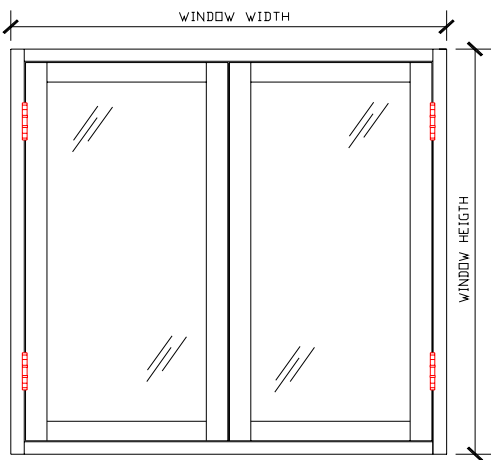
Tools & Accessories Needed for installation:

Carpenter Square Ruller // Plumb or Lever // 1/4"Drill Bit (Metal)
 1/4" Drill Bit (Masonry) // Installation Screws Kit // Carpenter Hammer
 Electric drill // wood shims.

STEP I : OPENING



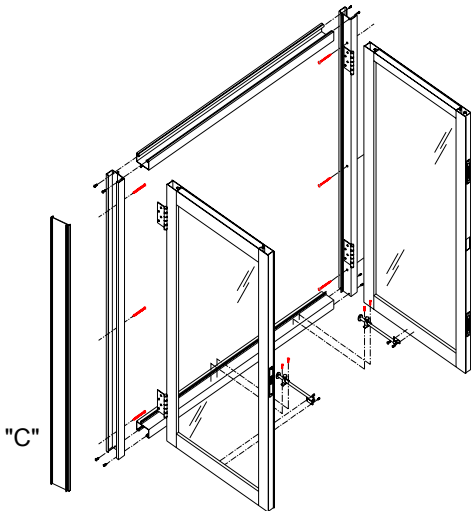
- Opening shall be finished before starting the installation
- Verify the finish opening dimension, F.O.D. (width & height)
- Verify if opening is square and plumb taking cross measures and angle as shown on detail "A". Cross dimensions shall be the same for a plumb opening. Angle at each corner shall be ninety degrees (90°) for a square opening.



STEP II : WINDOW

- Verify Window dimensions (width & height) and compare the measurements with the finished opening dimension. Both, Window width and height, must be between 1/8" and 3/8" less than the opening.
- When the casement is used in combination with a Master Guard window you must use a mullion (# 77235) to join the windows. Please refer to detail "C"

STEP III : INSTALLATION



- Put Window Frame at opening and using temporary shims (wood or plastic) fixed it maintaining the same perimeter separation between Frame and masonry (1/8" to 3/8").
- Using a 3/16" drill bit make installation holes as shown on detail "B", proceed with installation using screws and expansion shields depending on application. Be sure to install 12x3" F/H S/S screws & 1/4"x2 green exp. at each drilled hole to guarantee the door compliance with local codes.
- After Window installation, clean the opening with pressure air or a brush.
- Apply perimeter caulking sealant as recommended by manufacturer to seal the open space between the Door frame jambs and the masonry opening.

HARDWARE REPLACEMENT PARTS

All standard and custom hardware can be replaced in case of damage or bad function . It is recommended that replacement will be done by a technician trained in Door operation.

In case of problems or assistance with Door operation, please contact Air Master Inc. head quarters, Customer Service Division at (787) 623-1800 or (787) 846-1800 .



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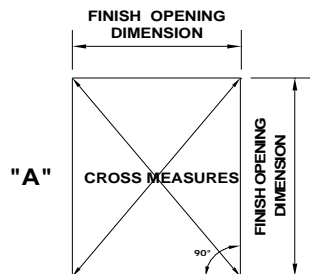
ROLLING WINDOW INSTALLATION PROCEDURES

Tools & Accessories needed to install this product:

Carpenter Square Ruller // Plumb or Lever

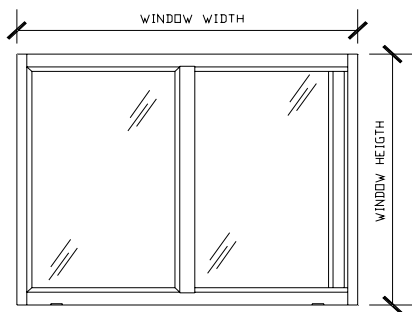
1/4" Drill Bit (Masonry) // Installation Screws Kit // Carpenter Hammer

Electric drill // Construction adhesive



STEP I : OPENING

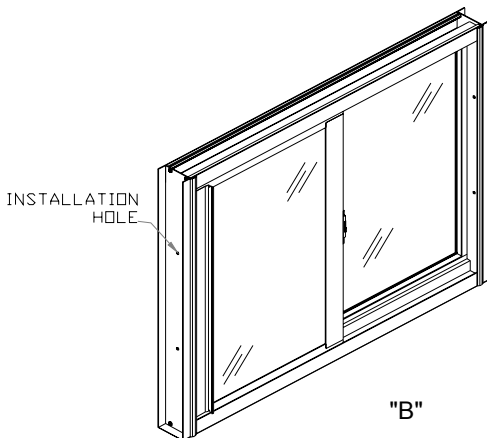
- Opening shall be finished before starting the installation
- Verify the finish opening dimension, F.O.D. (width & height)
- Verify if opening is square and plumb taking cross measures and angle as shown on detail "A". Cross dimensions shall be the same for a plumb opening. Angle at each corner shall be ninety degrees (90°) for a square opening.



STEP II : WINDOW

- Verify window dimensions (width & height) and compare the measurements with the finished opening dimension. Both, window width and height, must be between 1/8" and 3/8" less than the opening.
- Manually, verify the window operation by opening and closing vents. Process should be easy. If a rough movement is noted, add a lubricant to all vent intersections with operational system. If situation persists do not proceed with next step and call Air Master Customer Service Division.

STEP III : INSTALLATION



- Apply adhesive to the bottom window & to the bottom of the opening.
- Put window at opening and using temporary shims (wood or plastic) fixed it maintaining the same perimeter separation between window and masonry (1/8" to 3/8").
- Using the pre-drilled installation holes as shown on detail "B", proceed with installation using screws and expansion shields depending on application. Be sure to install 10x3" F/H screws S/S & 1/4" green exp. At each pre-drilled hole to guarantee the window compliance with local codes.
- After window installation, clean the opening with pressure air or a brush.
- Apply perimeter caulking sealant as recommended by manufacturer to seal the open space between the window jambs and the masonry opening.

HARDWARE REPLACEMENT PARTS

All standard and custom hardware can be replaced in case of damage or bad function . It is recommended that replacement will be done by a technician trained in windows operation.

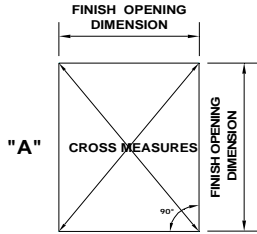
In case of problems or assistance with window operation, please contact Air Master Inc. head quarters, Customer Service Division at (787) 623-1800 or (787) 846-1800 .



SINGLE HUNG WINDOW INSTALLATION PROCEDURES

Tools & Accessories Needed for installation:

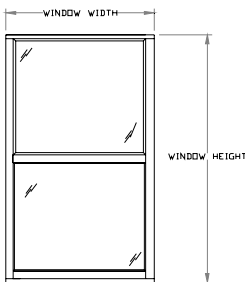
Carpenter Square Ruller // Plumb or Lever
1/4" Drill Bit (Masonry) // Installation Screws Kit // Carpenter Hammer
Electric drill



STEP I : OPENING

- Opening shall be finished before starting the installation
- Verify the finish opening dimension, F.O.D. (width & height)
- Verify if opening is square and plumb taking cross measures and angle as shown on detail "A". Cross dimensions shall be the same for a plumb opening. Angle at each corner shall be ninety degrees (90°) for a square opening.
- If the window is Single Hung 250 please refer to detail "C" to make the bottom part of the window opening.

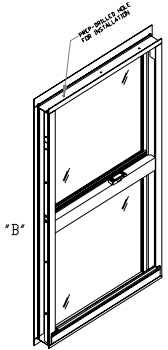
STEP II : WINDOW



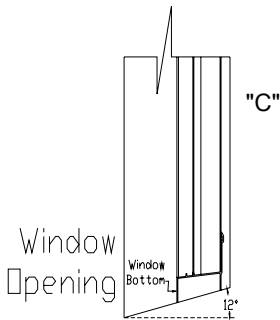
- Verify window dimensions (width & height) and compare the measurements with the finished opening dimension. Both, window width and height, must be between 1/8" and 3/8" less than the opening.

- Manually, verify the window operation by opening and closing vents. Process should be easy. If a rough movement is noted, add a lubricant to all vent intersections with operational system. If situation persists do not proceed with next step and call Air Master Customer Service Division.

STEP III : INSTALLATION



- Put window at opening and using temporary shims (wood or plastic) fixed it maintaining the same perimeter separation between window and masonry (1/8" to 3/8").
- Using the pre-drilled installation holes as shown on detail "B", proceed with installation using screws and expansion shields depending on application. Be sure to install 10x3" F/H S screws & 1/4" green exp. at each pre-drilled hole to guarantee the window compliance with local codes.
- If the windows are join 10-24 x 1/2" F/H S/S screw & 10-24 nut blind are needed
- After window installation, clean the opening with pressure air or a brush.
- Apply perimeter caulking sealant as recommended by manufacturer to seal the open space between the window jambs and the masonry opening.



HARDWARE REPLACEMENT PARTS

All standard and custom hardware can be replaced in case of damage or bad function . It is recommended that replacement will be done by a technician trained in windows operation.

In case of problems or assistance with window operation, please contact Air Master Inc. head quarters, Customer Service Division at (787) 623-1800 or (787) 846-1800 .

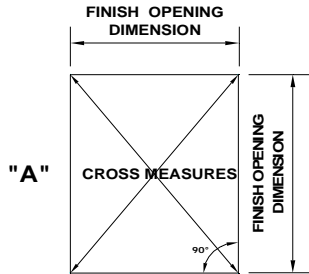


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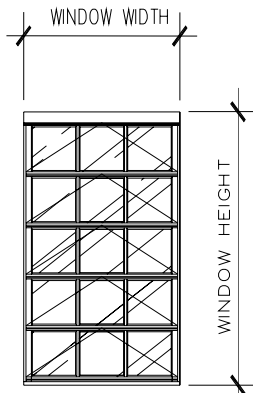
STANDARD WINDOW INSTALLATION PROCEDURES

MODELS: S-4// Master Guard// Storm Guard// Aluminum Jal.// Tubular 2375// Awning S-9*



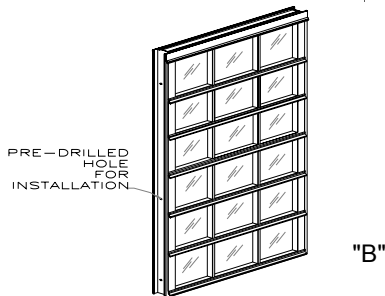
STEP I : OPENING

- Opening shall be finished before starting the installation
- Verify the finish opening dimension, F.O.D. (width & height)
- Verify if opening is square and plumb taking cross measures and angle as shown on detail "A". Cross dimensions shall be the same for a plumb opening. Angle at each corner shall be ninety degrees (90°) for a square opening.
- When the window is Awning S-9 please refer to detail "E" to make the bottom part of the window opening



STEP II : WINDOW

- Verify window dimensions (width & height) and compare the measurements with the finished opening dimension. Both, window width and height, must be between 1/8" and 3/8" less than the opening.
- Manually, verify the window operation by opening and closing vents. Process should be easy. If a rough movement is noted, add a lubricant to all vent intersections with operational system. If situation persists do not proceed with next step and call Air Master Customer Service Division.

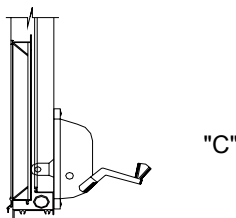


STEP III : INSTALLATION

- Put window at opening and using temporary shims (wood or plastic) fixed it maintaining the same perimeter separation between window and masonry (1/8" to 3/8").
- Using the pre-drilled installation holes as shown on detail "B", proceed with installation using screws and expansion shields

we recommend use 10x3" P/H S/S & 1/4" green exp.
10-24x 1 1/2" P/H S/S screw with 10-24 nut for window join.

- After window installation, clean the opening with pressure air or a brush.
- Apply perimeter caulking sealant as recommended by manufacturer to seal the open space between the window jambs and the masonry opening.

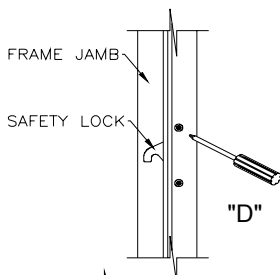


STEP IV: HARDWARE

- Install operator using the provided screws.
- All screws must be adjusted as shown on drawing "C".
- Verify window operation.

STEP VI : ADJUSTMENTS

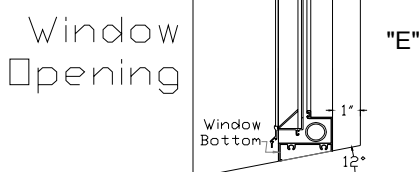
- After the window have been installed you must adjust the safety lock for better
- Using a Phillip screwdriver loose each safety lock half turn counter clockwise as shown on drawing "D"
- Using the operator close the window at the same time apply small pressure to the vents to be sure that is closed.
- Using the screwdriver adjusts the safety locks again.



NOTE: DO NOT USED ELECTRIC SCREWDRIVER TO PERFORM THIS ADJUSTMENT

STEP V : FINAL CLEANING

- Upon completion of the installation process, all aluminum painted and glasses must be cleaned only with plain water and a soft cloth, for no reason an abrasive agent will be use for cleaning.



HARDWARE REPLACEMENT PARTS

All standard and custom hardware can be replaced in case of damage or bad function. It is recommended that replacement will be done by a technician trained in windows operation. In case of problems or assistance with window operation, please contact Air Master Inc. head quarters, Customer Service Division at (787) 623-1800 or (787) 846-1800.