

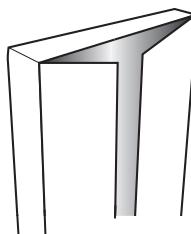
Recessed Mount

1-PANEL ULTIMATE SECURITY PATIO SCREEN DOOR INSTALLATION INSTRUCTIONS

MESHTEC
Advanced Screen Systems



- Read completely through the installation instructions before proceeding with installation
- Installation requires two people
- Use appropriate protective equipment, including safety glasses
- Children should not be allowed in work area
- Failure to install door correctly could result in injury



RETAIN PACKAGING DURING INSTALLATION

Do NOT discard packaging materials until
installation is complete



PROFESSIONAL INSTALLATION RECOMMENDED

Above average degree of difficulty. Requires
installation experience.



NEED HELP?

REVIEW INSTALLATION VIDEO

Even professional installers will benefit from watching.



1-866-317-8867
support@uhdco.com

CONTACT US BEFORE RETURNING

Customer service and technical support are available.
Monday - Friday: 7:00am - 5:00pm PT

RECOMMENDED TOOLS



Safety Glasses



Measuring Tape



Pencil



Box Cutter



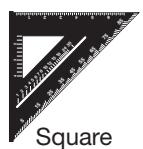
Drill Bit
3/32"
minimum length: 2-3/4"



Drill



Phillips-head & Flat-blade
screwdriver



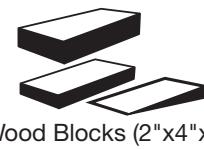
Square



Level



T20 Star Drive
Security Bit



Wood Blocks (2"x4"x6")
Shims



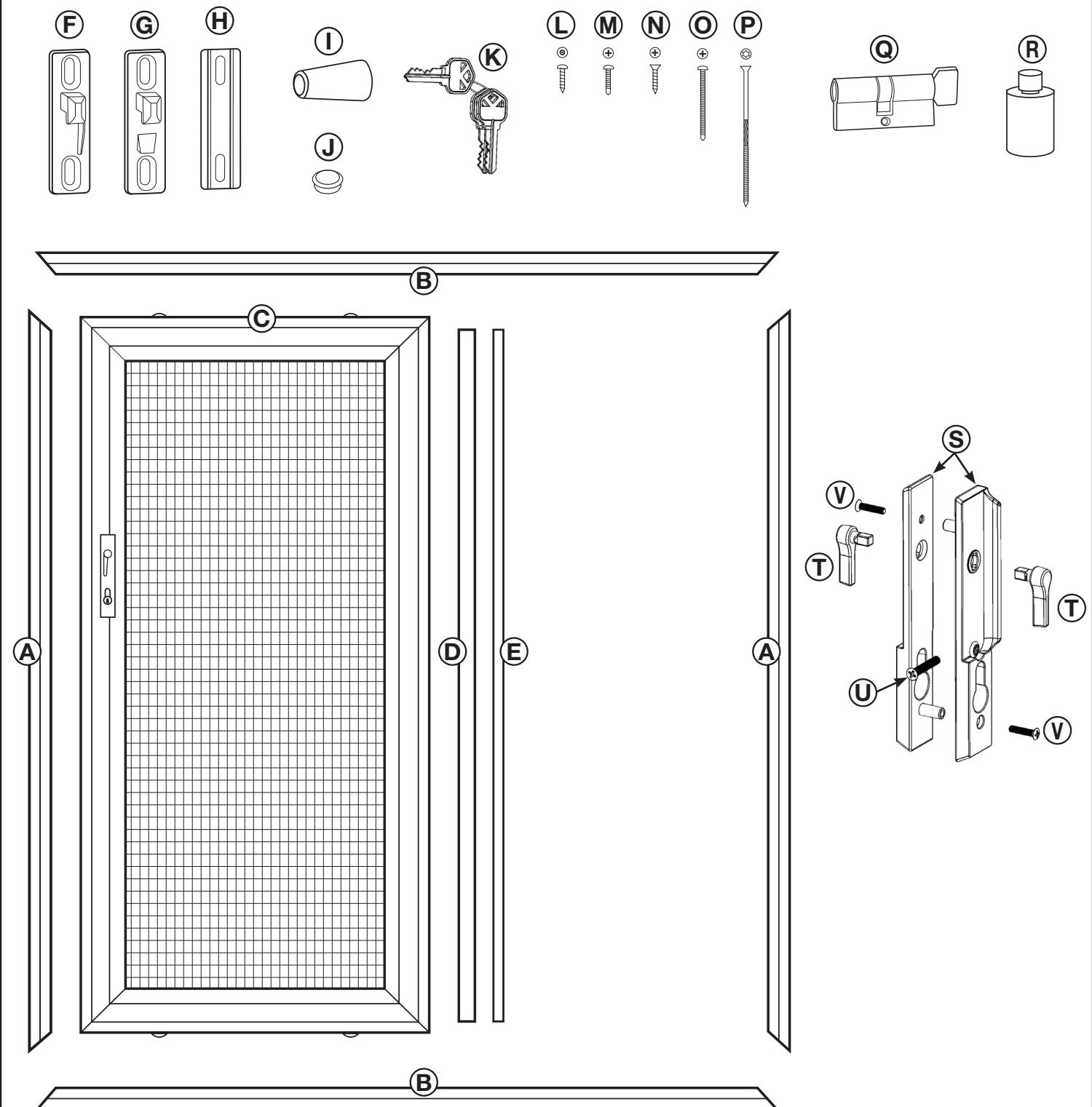
Paintable Caulk &
Caulk Gun

DOOR PARTS

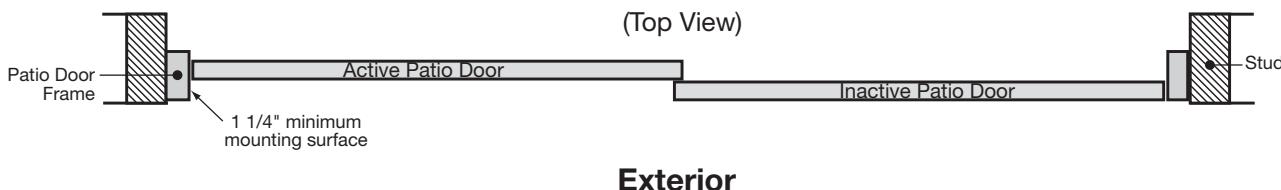
- A) Side track channels (2)
- B) Top & Bottom track channels (2)
- C) Security screen door (1)
- D) Screen door interlock channel (1)
- E) Patio door interlock channel (1)

HARDWARE & FASTENERS

- F) Top & Bottom latch keepers (2)
- G) Center latch keeper (1)
- H) Latch keeper shims (4)
- I) Door bumpers (2)
- J) Adjustment screw caps (4)
- K) Keys (3)
- L) #10x1/2" button head T20 star drive (5)
- M) #6x5/8" pan-head screws (9)
- N) #8x1/2" flat-head screws (6)
- O) #8x1-1/2" pan-head screws (2)
- P) #9x3" T20 trim screw (22)
- Q) Lock cylinder
- R) Touch-up paint
- S) Handle (2)
- T) Spindle (2)
- U) #10x1-1/4" flat-head cylinder retainer screw (1)
- V) #8x3/4" oval head handle mounting screw (2)



1) Identify mounting surface



Exterior

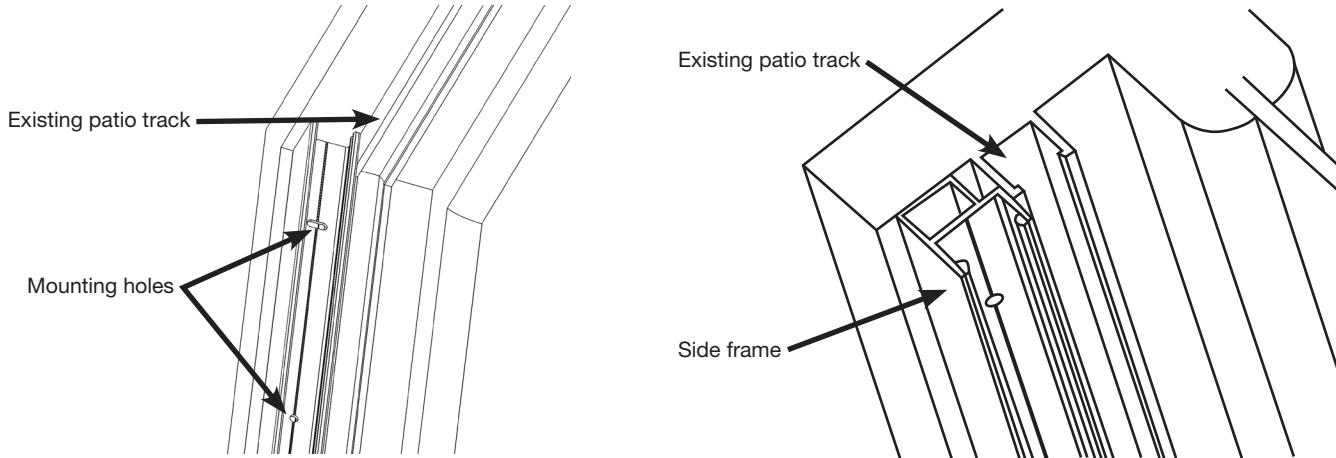
Inspect Your Entryway

Check for minimum mounting surface of 1-1/4" on the inside corner of the trim or frame. Make sure there is sufficient depth on the threshold to avoid creating a tripping hazard.

Determine which panel is the active door of your sliding glass door. The Meshtec patio door must latch on the same side as the active door panel.

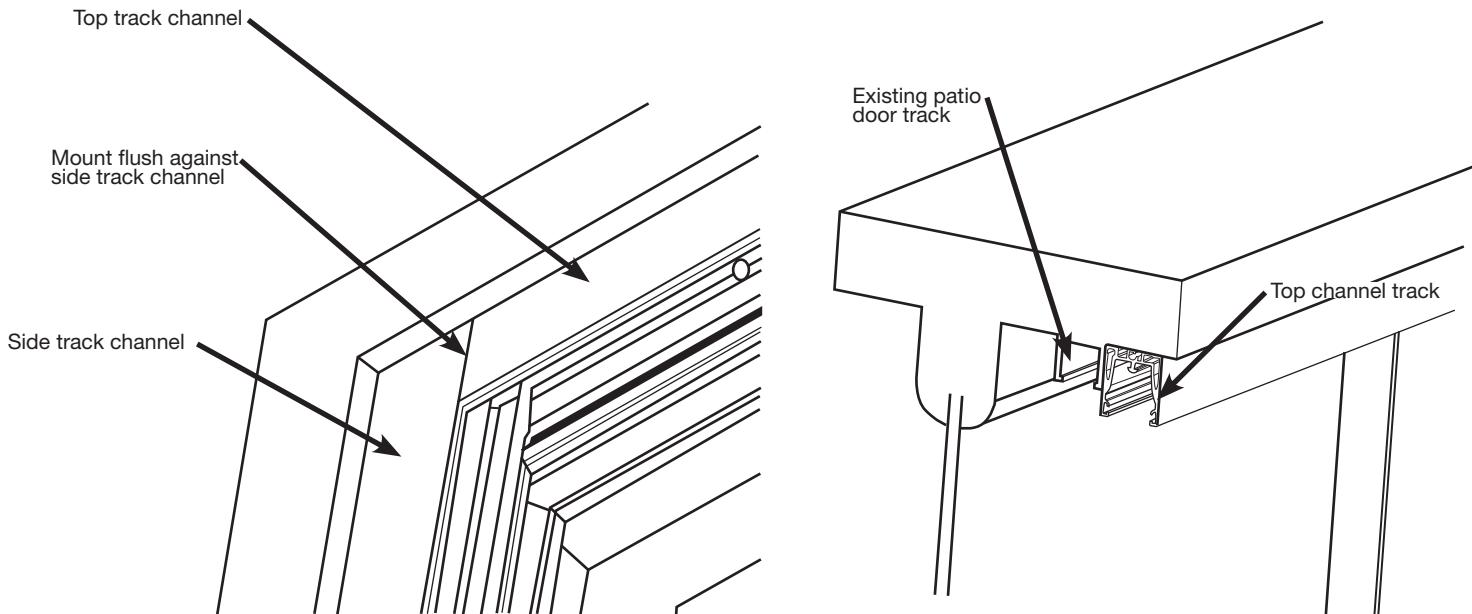
2) Mount side frames

Mount both side frame channels (**A**) flush against the mounting surface with #9x3" T20 trim screws (**P**) making sure the tracks are plumb. If necessary, shim between the mounting surface and frame or the existing track and the frame.



3) Mount top frame

With a helper to hold the track in place mount the top frame channel (**B**) flush against the side track channel and the existing patio slider with #9x3" T20 trim screw (**P**) making sure the track is level. If necessary shim between the mounting surface and frame or the existing track and the frame.

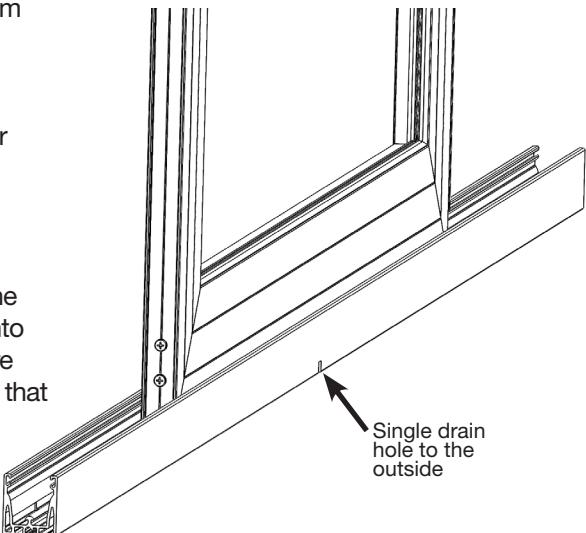


4) Test fit the bottom frame channel and install the door

Before mounting the bottom channel (**B**) and installing the door, test fit the bottom frame channel by placing it on the mounting surface between the side frames.

With the single drain hole facing outward, place the bottom track in front of the existing sliding patio door. Using a helper lift and insert the Meshtec screen door inside the bottom track carefully leaning it against the patio door. Make sure the Meshtec screen door handle latch is on the same side as the active patio door before installing.

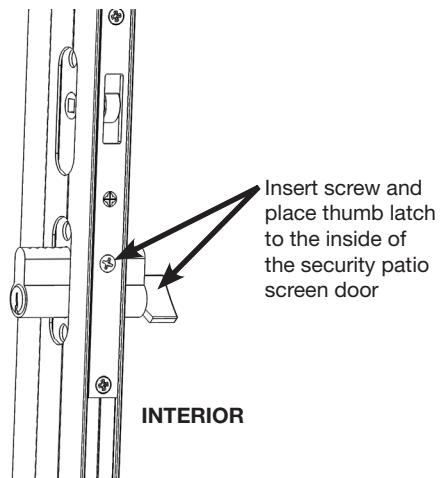
With one person on each end of the track holding the door with one hand and the track with the other, lift the door and track together guiding the top of the door into the top track and placing the bottom track on the mounting surface. Next ensure that the bottom track is flush with both the left and right side track channels and that the bottom track is level.



5) Temporarily install lock cylinder and check for hardware interference

Although the handle is offset to avoid hardware interference check before securing the bottom channel. Insert the cylinder (**Q**) into the door with the thumb latch to the inside of the door and secure with screw.

Slide the door into a position where the hardware for the main active door and the screen door will meet. If there is interference you will have to build out your mounting surface. If no interference is detected remove the cylinder for later installation.

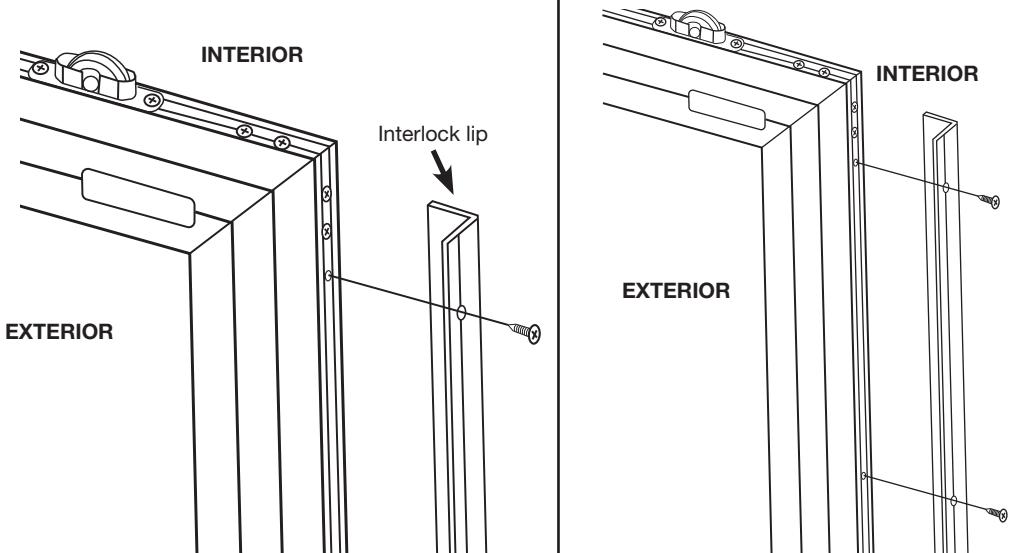


6) Mount bottom channel

Mount the bottom channel (**B**) by sliding the screen door all the way to the left and securing with #9x3" T20 trim screws (**P**). Next, slide the screen door all the way to the right and securing the remaining holes with #9x3" T20 trim screws (**P**).

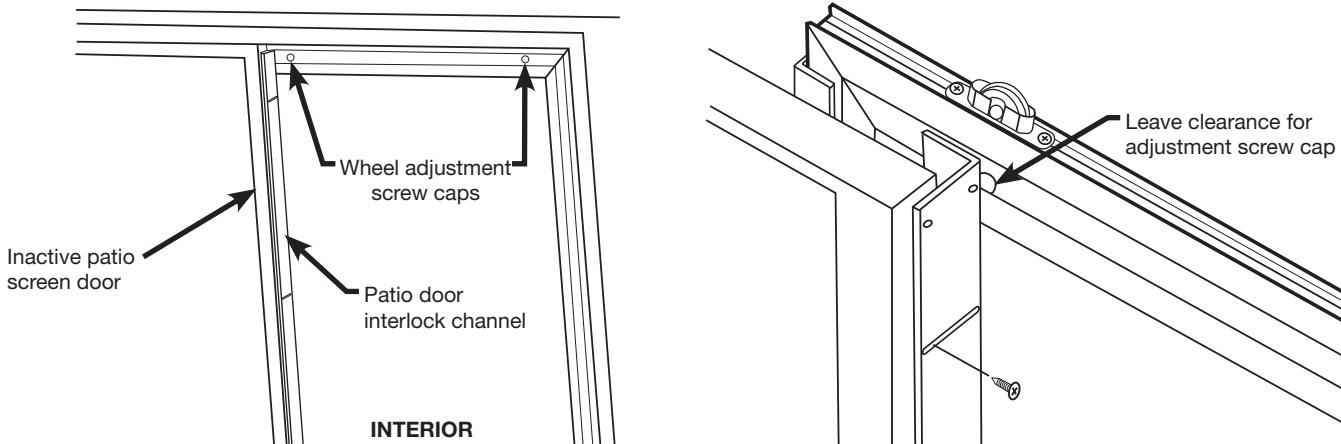
7) Attach interlock channel

With the screen door interlock channel (**D**) facing the house, attach the channel to the back end of the door through the pre-drilled holes in the channel opposite the lock side using five #10x1/2" button head T20 star drive (**L**).

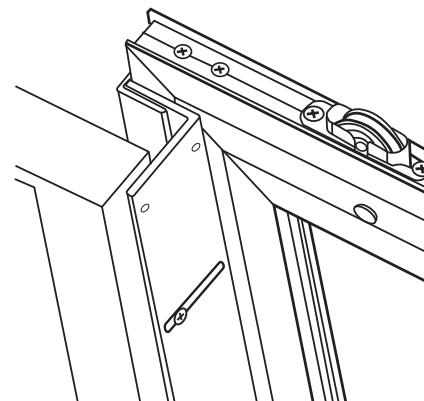


8) Attach the inactive patio screen door interlock channel

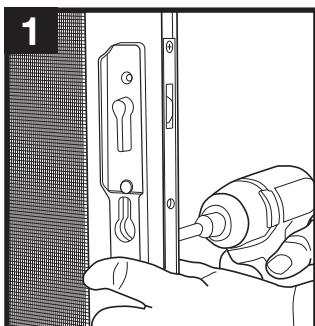
Place the side of patio door interlock channel (**E**) with the holes and slots against the end of the inactive panel and center between the top and bottom track. Move the channel toward the patio screen door until it touches. Secure the interlock with a #6 X 5/8" pan head screw (**M**) in the slot but do not drive the screw all the way in. Repeat this process on the bottom of the interlock then the remaining three slots allowing it to slide . After all the slots have been loosely secured move the interlock toward the screen door leaving 1/16" - 3/32" clearance between the interlock and the door. Test the movement of the door and make sure there is enough clearance for the adjustment screw cap (if they are located on the inside) and that the interlock properly overlaps with the interlock on the screen door.



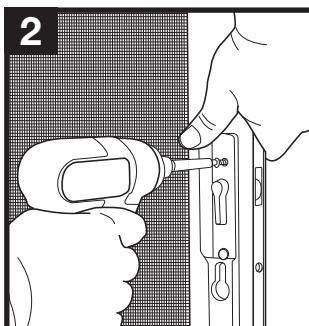
After testing the movement of the door secure the screws in the slots until tight. Secure the patio door interlock channel (**E**) in place by driving four screws into the remaining holes.



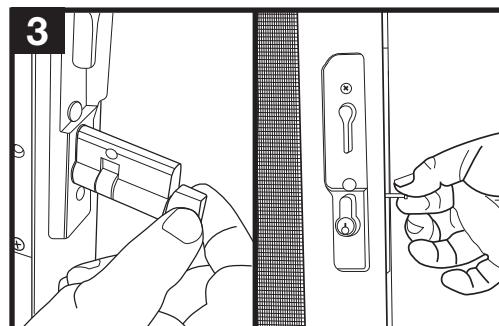
9) Install handle hardware



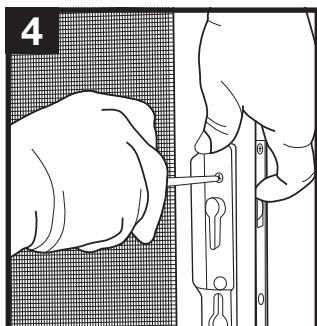
Start on the interior of the active door. Insert the spindle (**T**) and mounting screws (**V**) through the mortise gear in the door panel.



Move to the exterior of the active door. Align the openings on the inside of the other handle (**S**) with the spindle and 2 mounting screws and position the handle against the door frame.



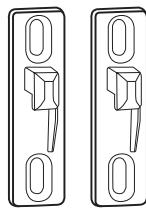
From the inside of the door, insert the active door lock cylinder (**Q**) into the door through the trim plate. Using a Phillips-head screw driver, tighten the retainer screw (**U**) until snug. Do **NOT** over-tighten.



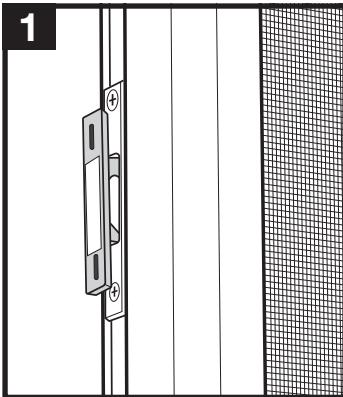
While holding both handle trim plates in place tighten the mounting screws (**V**).

10 Install latch keeper

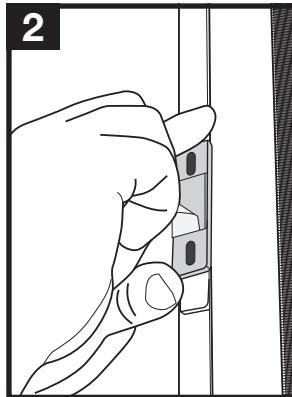
Top & Bottom (F)



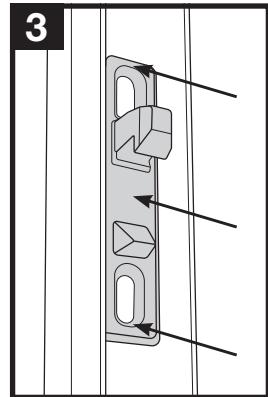
Center (G)



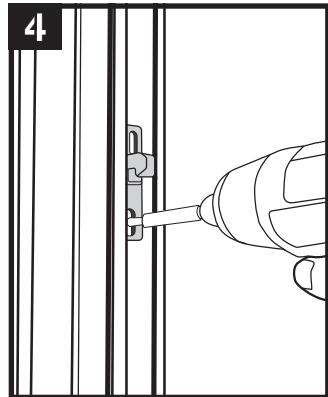
Place the latch keepers (**F,G**) into the latch holes on the active door edge with 2-sided tape facing away from the door panel. Use the thumb turn to engage the lock to keep latch keepers in place.



Remove two-sided tape backing from all three latch keepers.



Slide the door closed and firmly push the door into side jamb to stick the latch keepers into place. Using thumb turn unlock the door and carefully slide the door open. Press each latch keeper to secure in position.



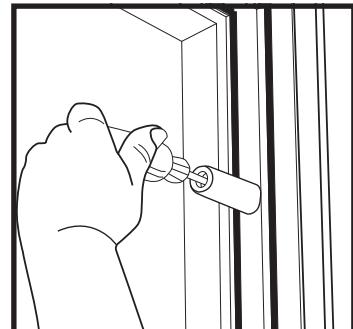
Using a 3/32" drill bit pre-drill holes and attach with #8 x 1/2" flat-head (**N**) screws permanently install the latch keepers.

Note: If latch keepers do not stick to the side jamb remove the screw caps (**J**) and adjust the wheels until all three stick and replace the screw caps. If maximum wheel adjustments are made and the latch keepers still do not stick, use latch keeper shims (**H**) behind the latch keepers.

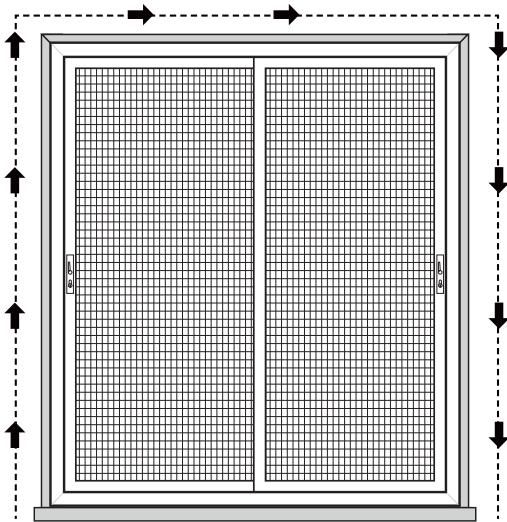
11 Install door bumpers

Remove existing screw at top and bottom of inactive side jamb. Using #8x1-1/2" pan head screws (**O**) install door bumpers (**I**) in the permanent screw hole on the opposite track the latch keepers were installed.

Note: If installing this door on a custom width patio door that has an active panel smaller in width than the inactive panel may result in interference between the screen door handle and the patio door interlock. To remedy this issue you may shim out the door bumpers to stop the handle from interfering. If this occurs, shim the door bumpers out slightly.



Final touch-up suggestions



① Caulk (not included)

Caulk around the outside of the security door jamb frame, using paintable caulk, and paint to the desired color.

Care and maintenance

Over time, airborne dust, dirt, and impurities can accumulate, which will cause visual defects to the door or window screen and - if so equipped - the Meshtec screen, and - if not regularly and properly removed - can lead to further damage, staining, and corrosion. Your cleaning schedule depends upon your environment:

ENVIRONMENT	DESCRIPTION	CLEANING SCHEDULE
Mild	Inland, rural, and away from urban activity	every 6 months
Moderate	Urban/suburban, inland	every 3 months
Extreme	Urban/suburban, coastal (within 25 miles)	every 2-4 weeks

Thoroughly wash the door frame and Meshtec screen - if so equipped - using a soft cloth, mild soap, and water. Do not use strong solvent or abrasive based cleaners. Take care to avoid exposing handles, hinges, and lock(s) to excessive amounts of water. Using a dry, soft cloth, remove any excess water when done. For products including a Meshtec screen, pay particular attention to drying the screen to frame attachment area fully. Avoid using any sharp objects or abrasive materials on the door frame or screen. Use white grease to lubricate the hinges at each cleaning.

Warranty

Your Unique Home Designs/Titan security door or window screen is covered by a 10 Year Replacement Warranty. You will receive a new door or window screen at no additional charge if your product shows defects in materials or workmanship within 10 years of the date of manufacture. An additional 5 year warranty protection is awarded (for 15 year total warranty) when the product is registered on-line at uniquehd.com/registration. If your home is burglarized and entry was accomplished through a properly installed UHD/Titan security door locked with a double deadbolt, 3-point locking system or single deadbolt on a door equipped with a perforated metal or Meshtec screen or a properly installed and closed window screen, you are covered by the Home Protection Guarantee and will receive a new door or window screen (product only, installation excluded) at no charge or reimbursement of up to \$1,000 of your insurance deductible. Components pre-installed on the security door or window screen (such as locks, handles, rollers, sweeps) are covered for one year from date of purchase. Accessories added to the security door by the purchaser are not covered by this warranty. Failure to follow the installation instructions included with the product voids this warranty. Any problem caused by abuse, misuse, failure to follow the care and maintenance instructions, adjustments due to settling of the structure that the product is mounted on, or acts of God, are also not covered under this warranty. Replacement items may vary in style due to changes in suppliers, products, and colors. UHD/Titan is not responsible for any labor expense required to install the replacement product. UHD/Titan is not responsible for securing the property while warranted items are being repaired or replaced.

To make a claim under this Warranty, send a brief written description of the problem, a picture of the claim, proof of purchase, and your contact information to: Unique Home Designs, Attn.: Warranty Claims, 973 N. Colorado Street, Gilbert AZ 85233

'Meshtec' is the registered Trade Mark of Meshtec International Co., Ltd. ('MTC') in the United States and other various worldwide jurisdictions (including registrations pending) and may not be used without the prior written consent of MTC. Genuine Meshtec is registered trademark of Meshtec International Co., Ltd. Patent #'s: 6,802,357 & 8,191,606 Registered Trademarks 4,337,128 ('Meshtec') & 4,337,135 ('Genuine Meshtec Security Mesh').

Extend Your Warranty!

When you register on-line at uniquehd.com/registration

Instalación empotrada

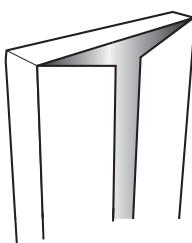
Puerta con malla, para patio, con seguridad superior, 1 panel

Instrucciones de instalación

MESHTEC
Advanced Screen Systems



- Lee todas las instrucciones de instalación del kit antes de la instalación
- La instalación requiere de dos personas
- Usa el equipo de protección apropiado, incluyendo gafas de seguridad
- Mantén los niños alejados del área de trabajo
- Instalar incorrectamente la puerta puede causar lesiones



CONSERVA EL EMPAQUE DURANTE LA INSTALACIÓN

NO deseches los materiales del empaque hasta
que la instalación haya terminado.



SE RECOMIENDA UNA INSTALACIÓN PROFESIONAL

Grado de dificultad por encima del promedio.
Requiere experiencia en la instalación.



helpmeinstallit.com

¿NECESITAS AYUDA? CONSULTA EL VIDEO DE INSTALACIÓN

Incluso los instaladores profesionales se benefician al verlo.



1-866-317-8867
support@uhdco.com

CONTÁCTANOS ANTES DE DEVOLVERLO

Servicio al cliente y soporte técnico disponibles.

Lunes - Viernes: De 7:00 am a 5:00 pm Hora del Pacífico

RECOMMENDED TOOLS

	Gafas de seguridad		Cinta de medir		Lápiz		Cortador de cajas		Broca 3/32" tamaño mínimo: 2-3/4"		Taladro
	Destornillador plano y de cabeza Phillips		Plaza		Nivel		Punta de seguridad Star Drive T20		Bloques de madera (5.1 cm x 10.2 cm x 15.2 cm) Cuñas		Pistola para pasta selladora y pasta selladora que se puede pintar

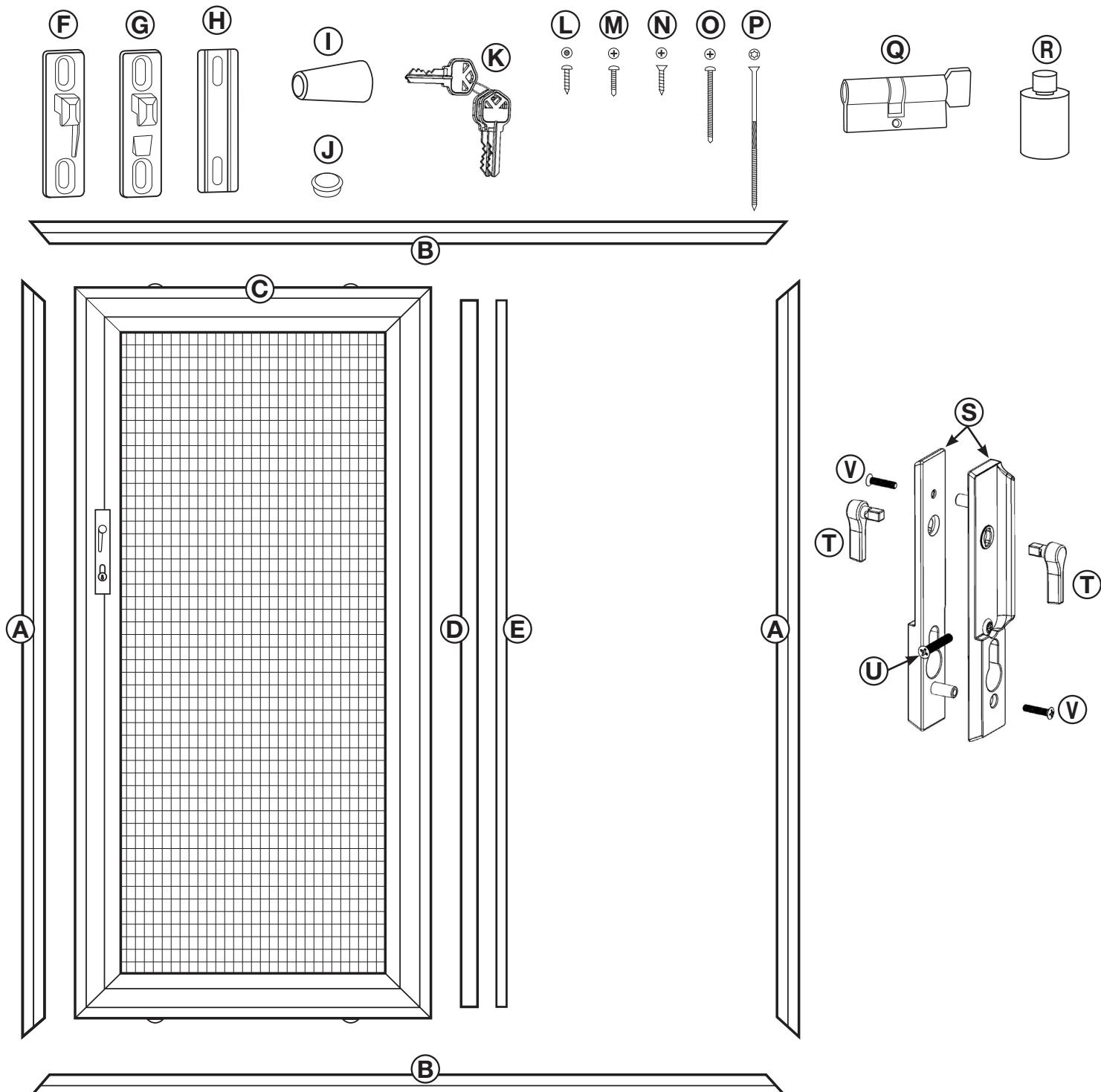
PIEZAS DE LA PUERTA

- A) Canales para riel lateral (2)
- B) Canales para riel superior e inferior (2)
- C) Puerta con malla de seguridad (1)
- D) Canal de bloqueo de la puerta con malla (1)
- E) Canal de bloqueo de la puerta para patio (1)

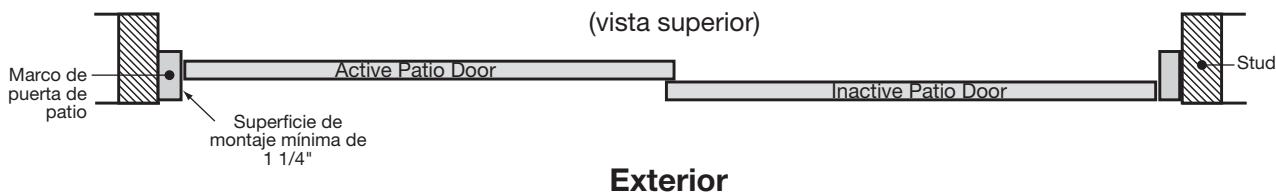
HERRAJES Y SUJETADORES

- F) Enganches de pestillo inferior y superior (2)
- G) Enganche de pestillo central (1)
- H) Cuñas para enganche de pestillo (4)
- I) Topes para puerta (2)
- J) Tapas para tornillo de ajuste (4)
- K) Llaves (3)
- L) #10x1 1/2" punta star drive T20 con cabeza redondeada (5)
- M) #6x5 8/ " tornillos de cabeza troncocónica (9)
- N) #8x1 1/2" tornillos de cabeza plana (6)

- O) #8x1 1/2" tornillos de cabeza troncocónica (2)
- P) #9x3" tornillo T20 para moldura (22)
- Q) Cilindro de la cerradura
- R) Pintura para retoques
- S) Manija (2)
- T) Manija (2)
- U) #10x1 1/4" tornillo de retención de cilindro, con cabeza plana (1)
- V) #8x3 4/ " tornillo de montaje de manija, con cabeza ovalada (2)



1) Determina y prepara la superficie de montaje



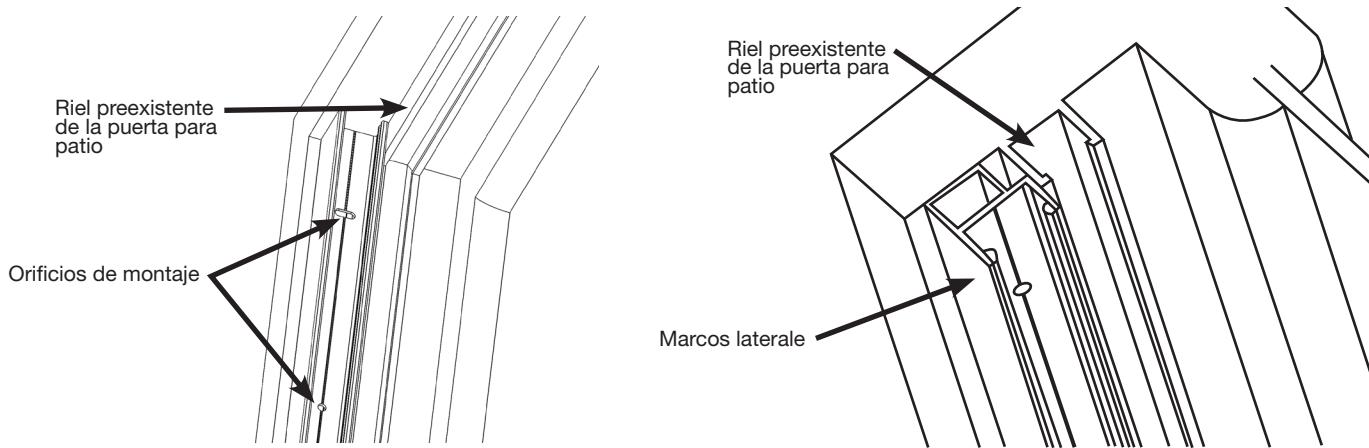
Revisa si hay obstáculos en la entrada

Verificar que la superficie mínima de montaje tenga 1-1/4" en la esquina interior de la moldura o marco. Asegurar que el umbral tiene profundidad suficiente para evitar peligro de tropezar.

Determinar qué panel es la puerta activa de la puerta deslizante de vidrio La puerta Meshtec para patio tiene pestillo al mismo lado del panel de la puerta activa.

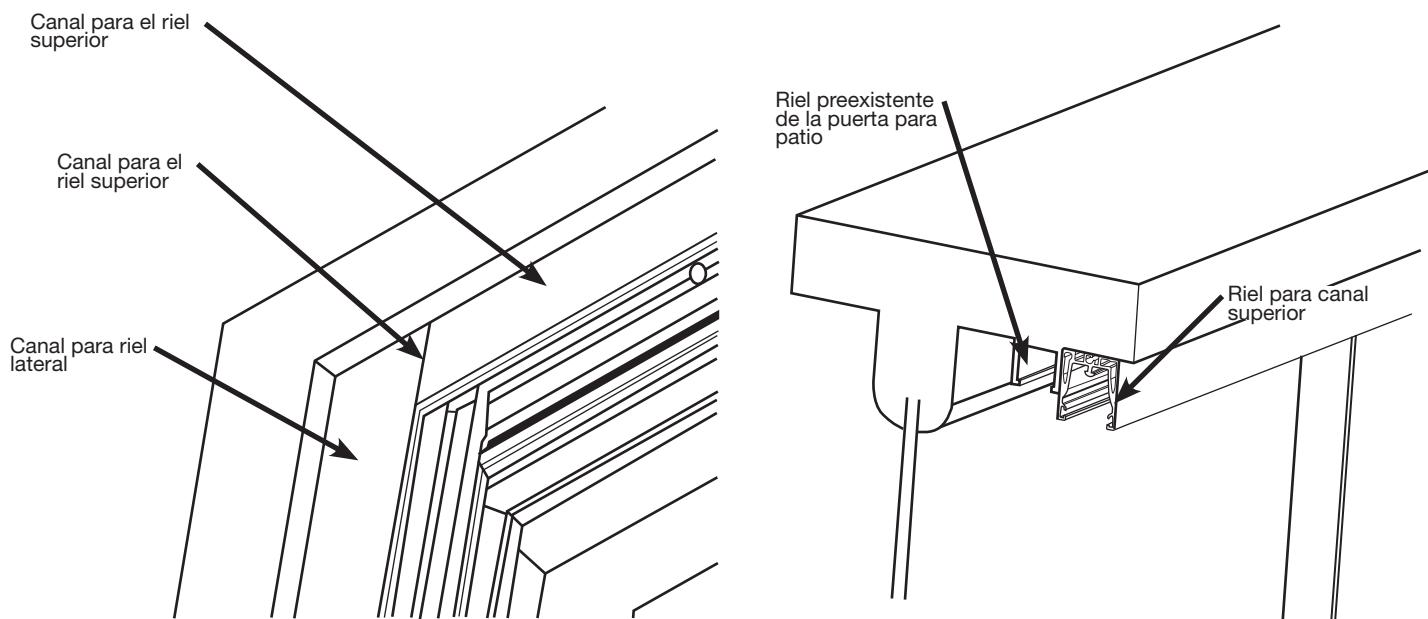
2) Montar los marcos laterales

Montar ambos canales (**A**) de marco lateral a ras contra la superficie de montaje, usando los tornillos T20 para moldura #9x3" (**P**) y asegurando que los rieles queden a plomo (nivelados verticalmente) Si es necesario, poner cuña entre la superficie de montaje y el marco o entre el riel preexistente y el marco.



3) Montaje del marco superior

Con ayudante sosteniendo el riel en su lugar, montar el canal del marco superior a ras contra el canal del riel lateral (**B**) y la corredera preexistente, usando tornillo para moldura #9x3" T20 (**P**) y asegurando que el riel quede nivelado. Si es necesario, poner cuña entre la superficie de montaje y el marco o entre el riel preexistente y el marco.



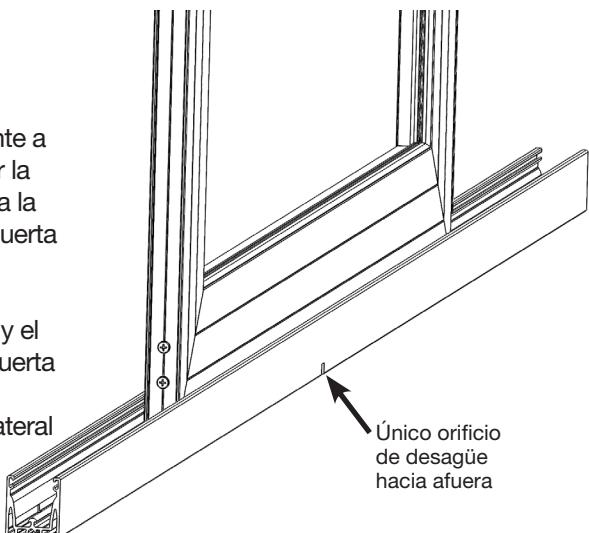
4) Comprobar el ajuste del canal de marco superior e instalar la puerta

Antes de montar el canal inferior (B) e instalar la puerta, comprobar el ajuste del canal de marco superior colocándolo sobre la superficie de montaje entre los marcos laterales.

Con el único orificio de desagüe mirando hacia afuera, colocar el riel inferior frente a la preexistente puerta corrediza para patio. Con un ayudante, levantar e insertar la puerta con malla Meshtec dentro del riel inferior, inclinándola con cuidado contra la puerta para patio. Antes de instalar, asegurar que el pestillo de la manija de la puerta con malla Meshtec quede del mismo lado de la puerta activa.

Con una persona en cada extremo del riel sosteniendo la puerta con una mano y el riel con la otra, levantar juntos la puerta y el riel guiando la parte superior de la puerta dentro del riel superior y colocando el riel inferior sobre la superficie de montaje.

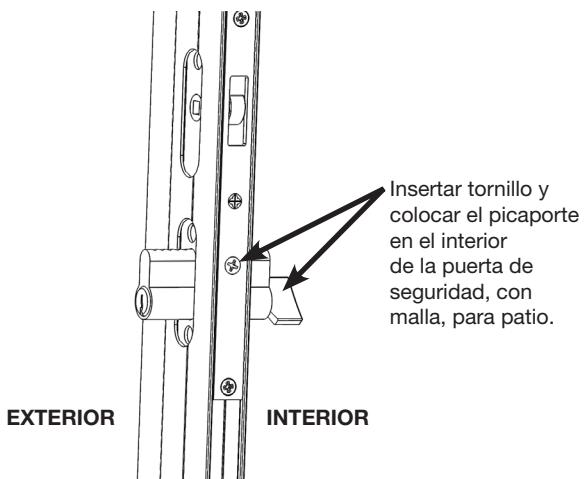
Seguidamente garantizar que el riel inferior quede a ras con los canales de riel lateral en ambos lados (derecho e izquierdo) y que el riel inferior quede nivelado.



5) Instalar temporalmente el cilindro de la cerradura y revisar si interfiere con los herrajes

Aunque la manija está compensada para evitar interferir con los herrajes, hay que revisar antes de fijar el canal inferior. Insertar el cilindro (Q) dentro de la puerta con el picaporte hacia el interior de la puerta y fijar con tornillo.

Deslizar la puerta a una posición donde converjan los herrajes de la puerta activa principal y la malla de la puerta. Si hay interferencia tiene que ampliarse la superficie de montaje. Si no se detecta interferencia, se procede a quitar el cilindro para su posterior instalación.

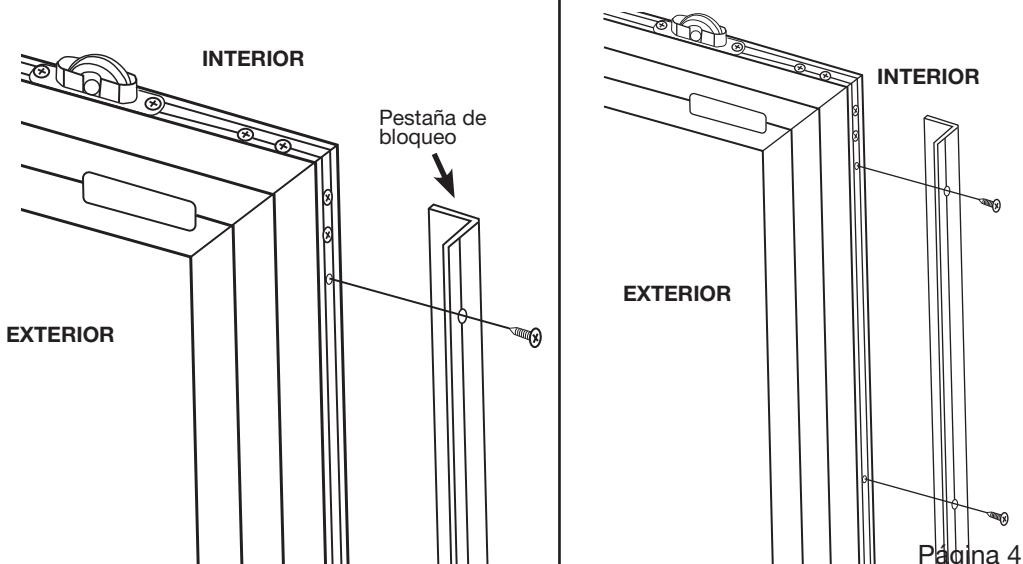


6) Montar el canal inferior

Montar el canal inferior (B) deslizando la puerta con malla por completo hacia la izquierda y fijando con tornillos T20 para moldura #9x3" (P). Seguidamente deslizar la puerta con malla por completo hacia la derecha y fijar los restantes orificios con tornillos T20 para moldura #9x3" (P).

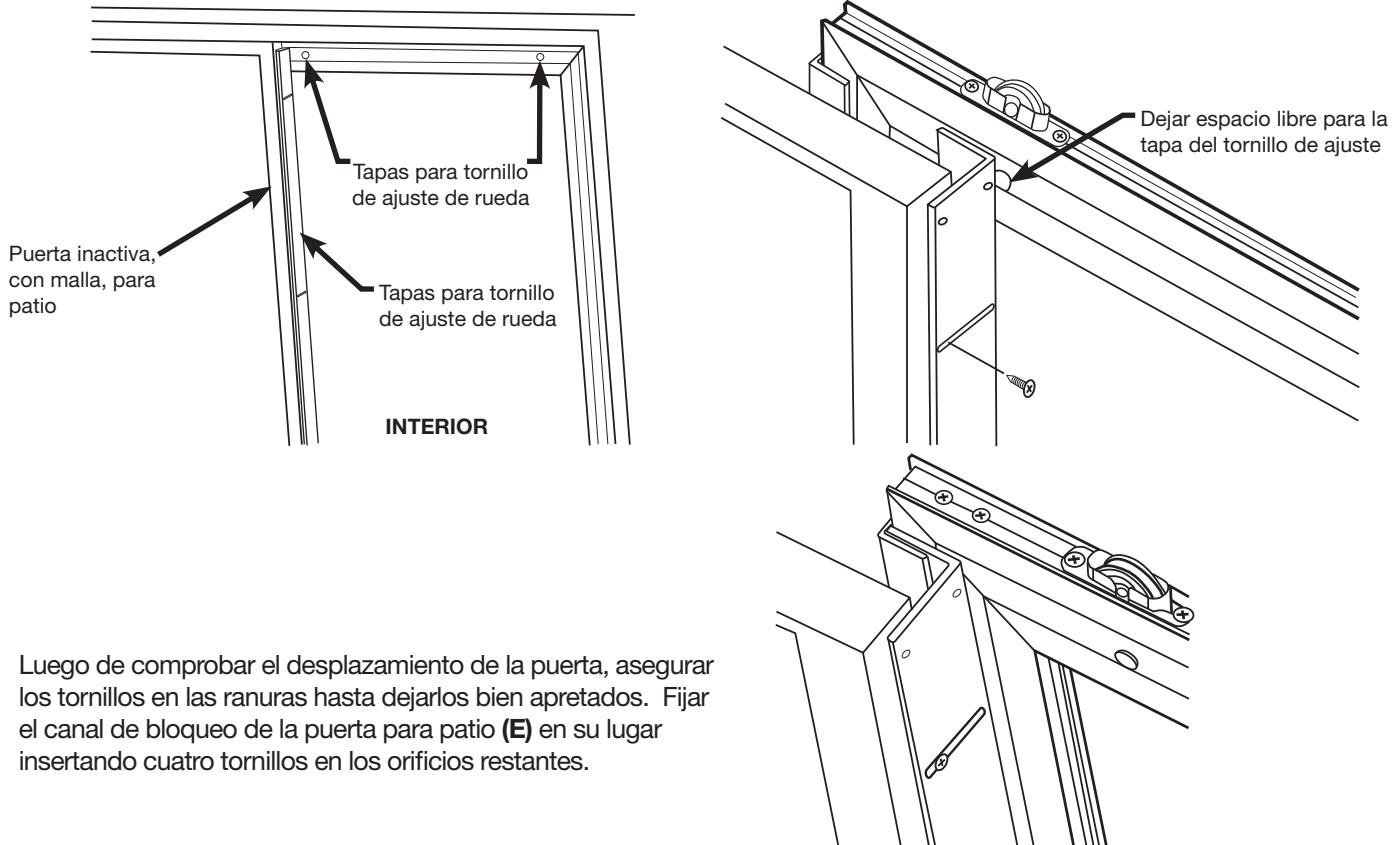
7) Fijar el canal de bloqueo

Con el canal de bloqueo de la puerta de malla (D) mirando hacia la casa, fijar el canal al fondo de la puerta a través de los orificios pretaladrados en el canal opuesto al lado de la cerradura, usando cinco tornillos Star Drive T20 de cabeza redondeada #10x1/2" (L).

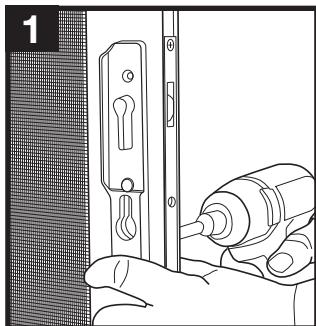


8) Fijar el canal de bloqueo de la puerta inactiva, con malla, para patio

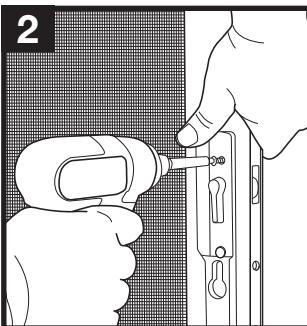
Colocar el lado del canal de bloqueo de la puerta para patio (**E**) con los orificios y ranuras contra el extremo del panel inactivo y centrar entre los rieles superior e inferior. Desplazar el canal hacia la puerta con malla para patio hasta tocarla. Asegurar el bloqueo, con un tornillo de cabeza troncocónica #6 X 5/8" (**M**), en la ranura, pero sin atornillar por completo. Repetir este proceso en la parte inferior del bloqueo y seguidamente en las tres ranuras restantes para permitir el deslizamiento. Después que todas las ranuras se hayan asegurado sin apretar, desplazar el bloqueo hacia la puerta con malla dejando espacio libre de 1/16" a 3/32" entre aquel y esta. Comprobar el desplazamiento de la puerta y asegurar que haya espacio suficiente para la tapa del tornillo de ajuste (si estuviere ubicado en el interior) y para que este bloqueo se superponga bien con el otro en la puerta con malla.



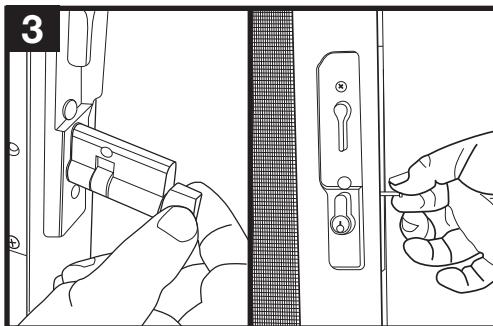
9) Instalar los herrajes de la manilla



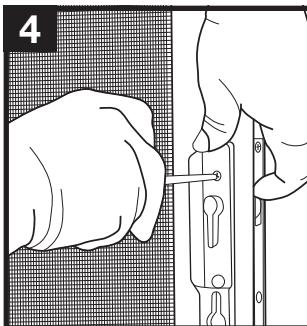
Comienza desde la parte interior de la puerta activa. Insertar el eje (**T**) y los tornillos de montaje (**V**) a través del mecanismo de mortaja en el panel de la puerta.



Mover hacia el exterior de la puerta activa. Alinear las aberturas en el interior de la otra manija (**S**) con el eje y los 2 tornillos de montaje, así como colocar la manija contra el marco de la puerta.



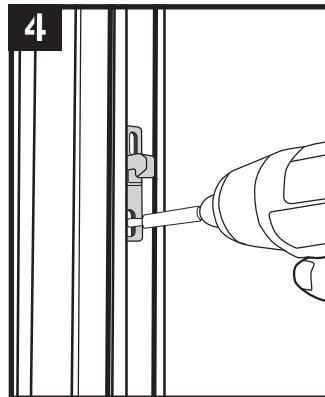
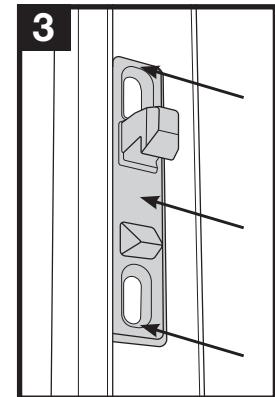
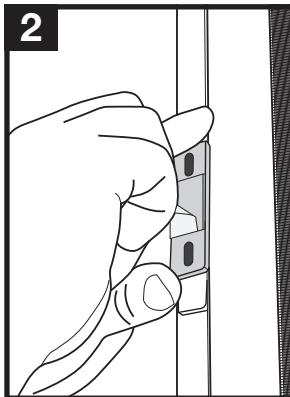
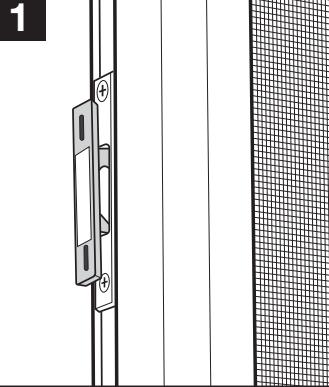
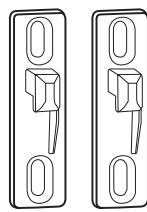
Desde el interior de la puerta, insertar el cilindro de la cerradura (**Q**) de la puerta activa en la puerta a través de la placa decorativa. Con un destornillador Phillips, apretar el tornillo de retención (**U**) hasta que dejarlo bien ajustado. **NO** apretar demasiado.



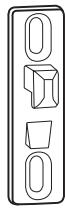
Sosteniendo ambas placas decorativas de la manija en su lugar, apretar bien los tornillos de montaje (**V**).

10 Instala los enganches de pestillo en ambos paneles de puerta

Superior e Inferior (F)



Central (G)



Colocar los enganches (F,G) de pestillo dentro de los orificios correspondientes en el borde de la puerta activa con la cinta adhesiva de doble cara mirando hacia fuera del panel de la puerta. Usar el cerrojo manual para enganchar la cerradura y mantener los enganches de pestillo en su lugar.

Quitar la cubierta de la cinta adhesiva de dos caras de los tres enganches de pestillo.

Deslizar la puerta hasta cerrarla y empujarla firmemente dentro de la jamba lateral para que los enganches de pestillo entren en su sitio. Usando el cerrojo manual, destrabar la puerta y abrirla deslizándola cuidadosamente. Presionar cada enganche de pestillo para asegurarla en su posición.

Con una broca de 3/32", pretaladrar orificios y fijar permanentemente los enganches de pestillo con tornillos de cabeza plana #8 x1/2" (N).

Nota: Si los enganches de pestillo no se fijan a la jamba lateral, retirar las patas de tornillo (J), ajustar las ruedas hasta que las tres se fijen y volver a colocar las tapas de tornillo. Si luego de los máximos ajustes de rueda, los enganches de pestillo no se fijan, usar las cuñas correspondientes (H) detrás de los enganches.

11 Instala los topes para puerta

Quitar el tornillo preexistente en las parte superior e inferior de la jamba lateral inactiva. Con tornillos de cabeza troncocónica #8x1-1/2" (O), instalar los topes de la puerta (I) en el orificio para tornillo permanente del riel opuesto a donde los enganches fueron instalados.

Nota: Si instalar esta puerta sobre una de patio, con ancho a la medida, resulta en que el panel activo es menos ancho que el panel inactivo, esto pudiera provocar interferencia entre la manija de la puerta con malla y el bloqueo de la puerta para patio. Para remediar esta situación pudiera usarse cuña para sacar un tanto los topes de la puerta y evitar que la manija interfiera.

