

Thermal DESIGNS®

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Installation Instructions for Four Seasons Motorized Shades With Remote Control

1: Install the Shades

• Shades are labelled in alpha order from left to right (inside looking out), unless they are all the same size.



 Clean dirt and debris from track. Use brush provided or other soft material. Do not use tools that can scratch track surfaces.



 If installing from a ladder, rest the rolled-up shade on top to hold it while loading into track. The shipping boxes with sides cut off may make a convenient tray for this. Your ladder should face toward back of room.

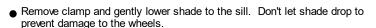


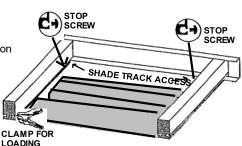
Place clamp in track 2 feet below ridge to hold shade in place while loading.

Before loading shade: If tracks do not have an opening at ridge, drill wheel access holes in tracks at least 5/16" wide using the
countersink bit provided, 3" inches below the ridge. Clean shavings from tracks. On wood models, remove the plastic access
inserts from tracks near the ridge to load wheels.

After loading shade, attach shade stop screws just below each access opening.
These will prevent the shade from being pulled out of the track during operation.
Predrill holes using 1/8" drill bit provided. Attach stop screws at the same location in each track of every bay.

• Lubricate tracks using foam brush: Spray silicone on both edges of brush, run brush up and down length of tracks. Verify smooth operation when motor is in use. Reapply silicone if needed. Notes: Silicone can be messy and slippery so do not spray brush directly over flooring or furnishings. NEVER use other lubricants such as WD-40 or Triflow as these collect dirt.



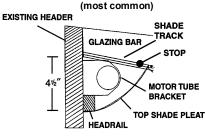


2: Install Motor Tubes and Headrails

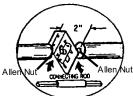
- Your installation will have at least one motor tube with motor and idler end brackets.
 If the motor will drive multiple tubes, intermediate connector bracket kits for those tubes are provided.
- Mount motor tube brackets directly beneath glazing bars where they meet the wall at ridge of room. Screws and washers are provided, two per bracket.
- Mount shade headrails, velstick Facing Down, directly beneath motor brackets and against ridge wall or beam using deck screws provided.

In the following step, position motor tube so the power cord is positioned away and to the back of the tube (if desired). Position tubes with connecting rods so the allen nut screw hole on the end caps face out and down for easy access.

Insert tube ends into brackets: Secure motor end in bracket with cotter pin. Center the
connecting rods between intermediate tube brackets. Secure connecting rods in tube ends
with set screws and thread locker, screwing tightly.



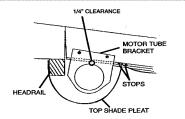
BRACKET OPTION 1



BRACKET OPTION 2

(Only if you ordered, as shades are made longer)

- Mount motor brackets to sides of glazing bars so the motor tube will have 1/4" clearance beneath glazing bars.
- Attach additional shade stop screws so there are two in each track, above and below the top shade glider.
- Top shade pleat will loop under motor tube to headrail.

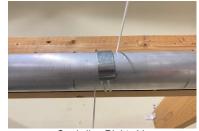


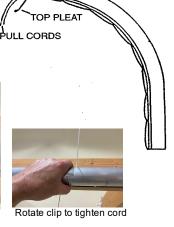
Shade Cords

Do this for every shade in the system...

- Unbundle the cords, draping them over top of shade. Pull top of shade up near the motor tube & place clamp in one of the tracks under top shade glider.
- Starting 12" in from side of glazing bar, wrap each cord 2 times OVER TOP OF MOTOR TUBE toward the center. Pull cords taut around tube so the cord tension is tight but not enough to lift the bottom of shade.







CLAMP IN SHADE TRACK

MOTOR TUBE

Wrap cords twice over tube toward its center

Cord clip - Right side

- Attach cord clips over wrapped cord. Once attached, you can twist the clip to tighten cord tension if needed. Match tension equally on both cords to minimize later adjustments. Cut off extra cord length hanging from cips.
- Repeat this process for each shade ensuring all cords on all shades have the same tension before operating the motor.
- When finished with one shade remove clamp from track for use with next shade. Do not yet attach velcro on shade to headrail. After finishing with cords of the last shade, put clamp aside.

Initiate Motor Operation

 With motor plugged into power: Initiate motor programming by pressing and holding the Up and Down arrow buttons at the same time until the motor "jogs" (a very brief up and down rotation).

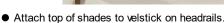
ONLY IF MOTOR IS ON THE RIGHT looking up at motor tube: Assign upward rotation direction - Press and hold the "My" (center) button on the remote until motor "jogs". (This programs the upward turn direction if motor is on the right)

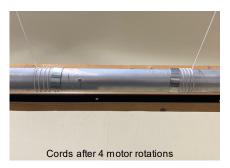


• Run motor up to raise shades: Press and hold Up arrow on remote.

Allow motor tube to raise shades with 4-5 revolutions and Stop/release button. If any shades are raising unevenly, adjust cord tension by twisting the cord clips on motor tube appropriately. When bottom of shades are all even, tension is correct. Also note that cords will wrap around tubes away from clips in a telescoping fasion.







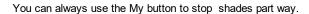
Set Motor Upper and Lower Limits

- Continue raising shades with Up arrow button until they reach your desired open (upper) limit and Stop/release button.
 STOP BEFORE shade pleats bundle too tightly at top of room.
- To set this upper limit Press both Down arrow and My (center) button together and release. Shades will begin lowering.

IF SHADES ARE NOT LOWERING EVENLY OR SMOOTHLY, STOP! - Press My button (the My button acts as a stop button). More silicone spray may be needed in tracks. Raise shades back to upper limit, apply more silicone before lowering again. Press both Down arrow and My buttons together and release to repeat.

When shades reach your desired closed (lower) limit, Stop with the My button. Use Up and Down arrow buttons to adjust lower limit.

- To set this lower limit Press both Down arrow and My (center) buttons together and release. Shades will begin raising and will automatically stop at the upper limit.
- To finalize limit settings, Press and hold the My button until the shades "jog".
- Save motor settings: Press and hold the small recessed button on the back of the remote until the motor "jogs" (You will need a small point such as a ball point pen or paper clip to do this). Limits are now in memory.
- The remote and motor are now in "User Mode" and shades can be operated with a brief press of the Up or Down arrow buttons, and shades will automitacally open or close to the programmed limits.





For These Steps with the Remote Control and Other Functions, please refer to the included "Quick Programming Guide For All RTS" or the Instructions included in the remote contol package.

- Test Drive Raise the shades up and down to confirm upper and lower limits have been set and shades run up and down smoothly and evenly.
- Note: Motors are not able to run continuously up and down for long periods. Once the motor becomes
 overheated, it will shut down and cannot operate until cooled. The cool down time is at least 10 minutes.