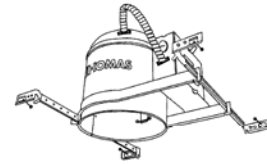


PS 1 / PS 5 Air Seal Recessed Housing

For Insulated (Type-IC) or Non-Insulated Ceilings



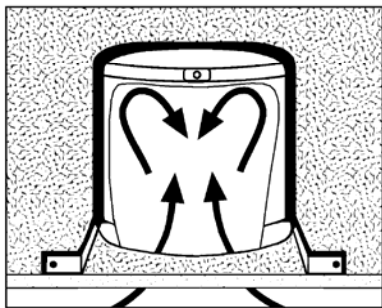
INSTALLATION INSTRUCTIONS

WARNING: FIRE HAZARD/ELECTRICAL HAZARD

This equipment is intended to be installed only by qualified personnel. The installation must be made in accordance with the current edition of the National Electrical Code, and all applicable state and local building codes. The final installation must be approved by the appropriate, qualified electrical/building inspector(s). Improper installation may result in a fire or electrical hazard. Comply with all building codes!

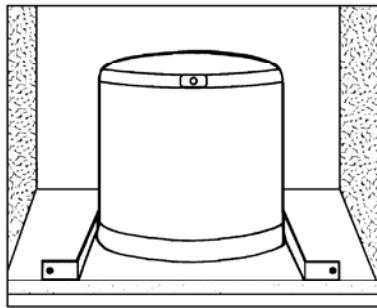
This recessed housing is approved by the Washington State Energy Code to restrict air flow.

This housing may be completely covered with insulation when used in Type-IC mode. Higher wattage bulbs may be used in non-insulated areas provided housing is converted to non-IC mode. Maximum wattage will vary depending on the trim. Refer to the label inside the housing for all allowable lamp type, wattage and trim combinations.



FOR HOUSINGS WHICH ARE TO BE COVERED BY THERMAL INSULATION. (Type-IC)

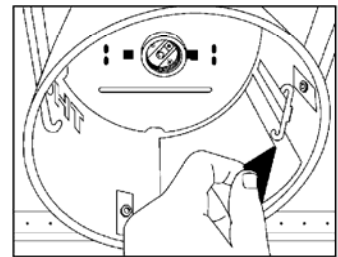
Disregard the label on top of housing. **DO NOT** remove the stop-tab that limits height of the socket plate. Removal of the socket plate is required by some trims.



FOR HOUSINGS NOT COVERED BY THERMAL INSULATION. (non-IC)

Remove the insulated ceiling wattage label from inside of housing and follow the wattage ratings listed on the label beneath.

IMPORTANT: INSULATION MUST BE KEPT A MINIMUM OF 3" FROM THE FIXTURE TO COMPLY WITH THE NATIONAL ELECTRICAL CODE. CONSULT CODE FOR REQUIREMENTS. The stop tab may be removed from the socket plate to allow greater adjustment of the socket.

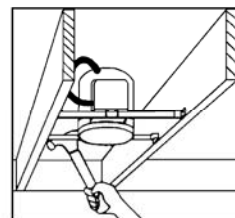
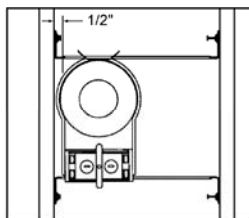


1. MOUNT THE HOUSING

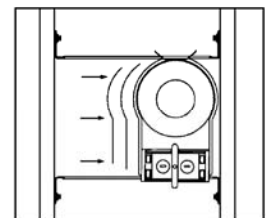
Locate the housing along the joist.

Adjust each bar hanger to length and align the bottom edges with joists.

Allow 1/2" gap between the joist and the housing.

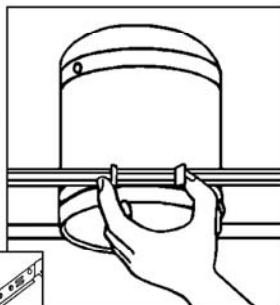


Drive the nail on each bar hanger into the joist.

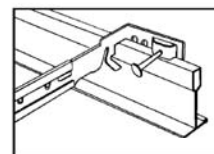
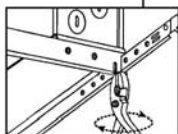


To ensure the bars are parallel, slide the housing to the opposite joist before setting the nails.

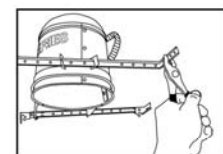
Squeeze the spring clip and slide the housing to desired location along the bar hanger. Release the spring clip to lock position.



If additional support is needed, twist the tabs on the frame.



To install on a suspended ceiling grid: Position notched area of bar hanger over T-bar and lock by bending the tab.



If the joist spacing is closer than 16", remove the male portion of the bar hanger and bend to fit.

2. MAKE ELECTRICAL CONNECTIONS

Lift spring tab to open junction box door. Remove knockouts as required.

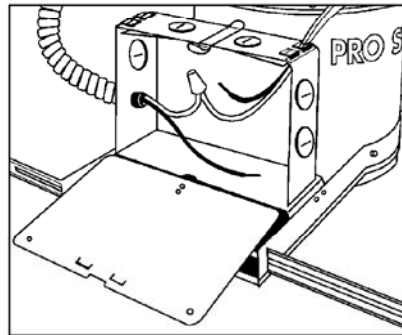
A strain relief is provided for Romex connections. Use the four rectangular knockouts on top of the junction box for Romex wire.

Use 1/2" diameter knockouts for conduit. The 1/2" diameter knockouts may also be used for Romex, provided a suitable strain relief is used.

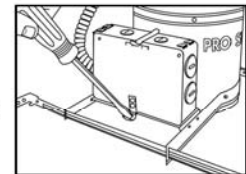
Connect fixture leads and ground wire to electrical supply; black to black, white to white, and green to ground. See label inside housing for maximum number of branch circuit conductors.

Always use wire connectors suitable for the number and gauge of wire being used.

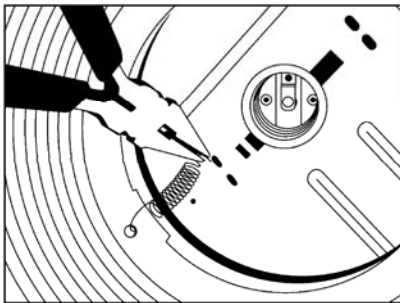
Close junction box door.



If removal of the door is necessary, straighten the hook with a screwdriver or pliers.



3. INSTALL TRIM



Baffle and open trims are held in place by two coil springs. Position the trim over the ceiling opening. Use needle nose pliers to hook the springs in the slots in the socket plate.

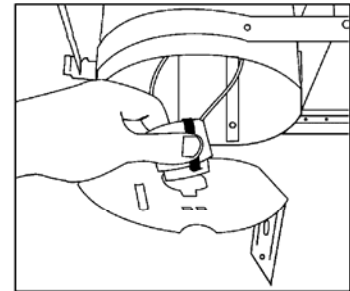
Some trims use compression springs to mount to the housing (not shown). Simply align and push straight in.

In non-insulated applications when the socket plate is moved to the highest location, hook the coil springs to the top of the torsion spring bracket.

In some applications the torsion spring bracket may interfere with the trim. Remove the bracket by bending the bottom portion up and down several times to break off.

Some trims require the socket to be snapped into the trim or reflector. Eyeball, I.C. shower and fully enclosed trims will support the fixture socket in place of the socket plate provided with the housing. Remove the socket plate for these type trims ONLY.

Remove the wing nut securing the plate and pull the plate down and out of the housing. Remove the socket from the plate by squeezing the spring clip. The plate should be saved in case future conversion to a baffle trim is necessary.



Eyeball, I.C. shower and fully enclosed trims are held by two torsion springs.

Snap the socket into the back of the trim (NOTE: Orient the socket spring with the wide slots in the top of the trim.)

Compress the legs of the torsion spring and insert them in the hooks of the bracket. Do one side at a time. Push the the trim straight up.

