

# RAC-1 CS

Thermo King Precedent Return Air Bulkhead

## Installation Instructions



P R O D U C T S , I N C .

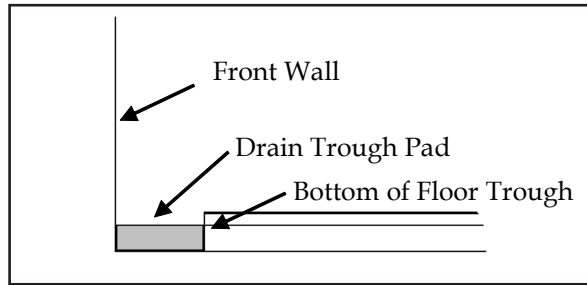
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# Introduction

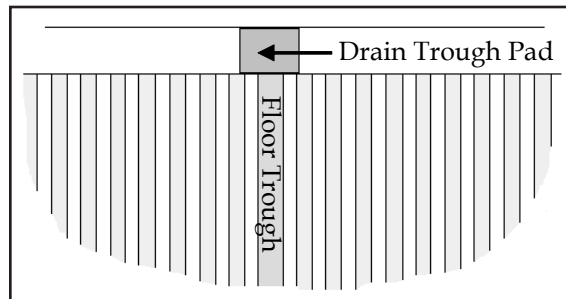
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Before beginning installation of return air bulkhead, locate and mark centerline of unit.

If drain trough is present in trailer, place gray self-adhesive gasket in drain trough to seal. The gasket should be placed between the floor trough and front wall as shown in *Diagram 1* and *Diagram 2* below.



*Diagram 1. Side View*



*Diagram 2. Top View*

# Installation

1. The return air bulkhead must be mounted starting at 14 1/2" above the bottom of the center partition floor trough - **not** the drain trough.

**NOTE:** The holes at the top of the return air bulkhead should line up with the vertical wall studs that run on either side of the reefer unit.

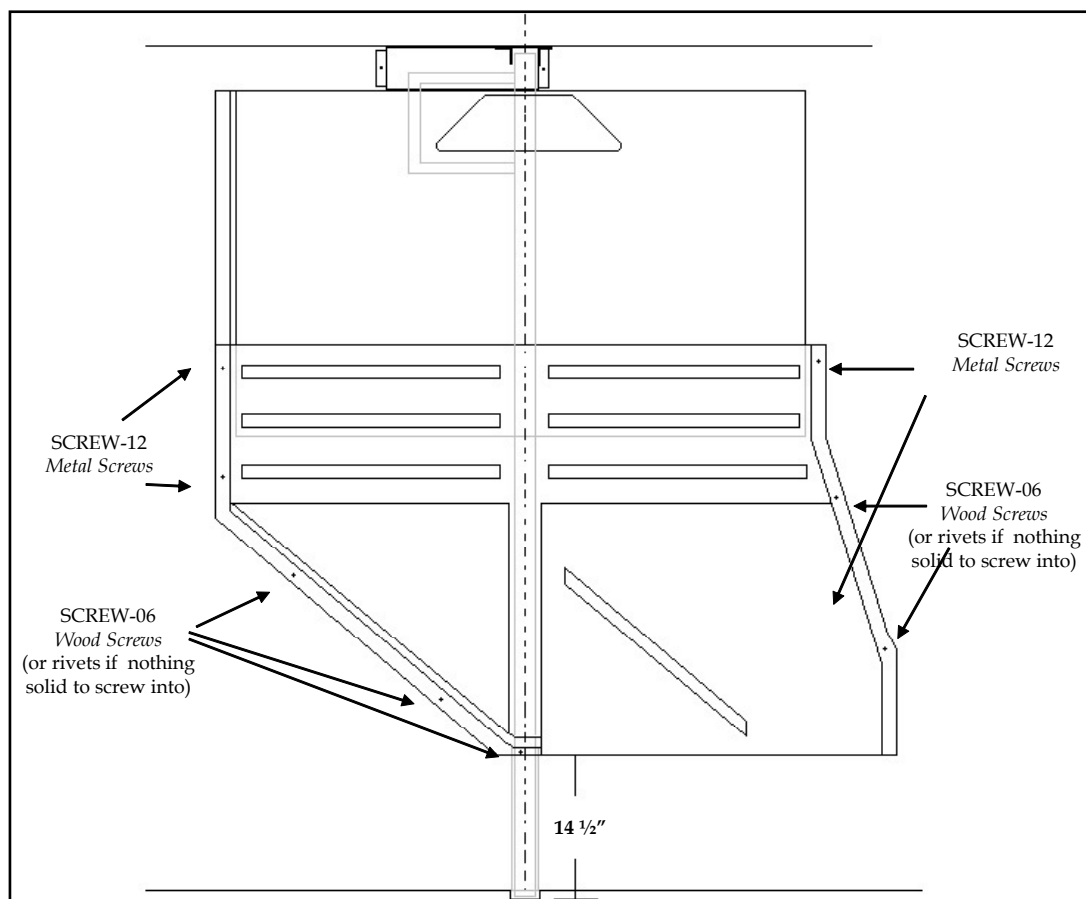
**NOTE:** These holes should be pre-drilled using a #7 drill bit.

**NOTE:** Before securing, make sure the roadside corner of the return air bulkhead is pushed tight to the refrigeration unit.

2. Fasten to the vertical wall studs with 3" self-threading screws and washers, shown in *Diagram 3* below.

3. All other areas can be secured with 1 1/4" wood screws and washers provided.

**NOTE:** If there is not anything solid to screw in to, secure with the rivets provided to the front wall skin.



*Diagram 3*

4. Next, mount the pallet stops at each location, shown in *Figure 1*. Additional wood screws may be used if necessary.
5. Install the hat section pad above the refrigeration unit by compressing the pad into place so that the curbside edge is 3” past centerline.
6. Drill 7/32” holes through the side flaps on the pad and secure with bulb rivets and washers provided.
7. Lastly, install the first center partition panel.
8. Slide the panel forward against the front wall so that the lower compression pad seals the area between the bottom of the return air bulkhead and the drain trough.

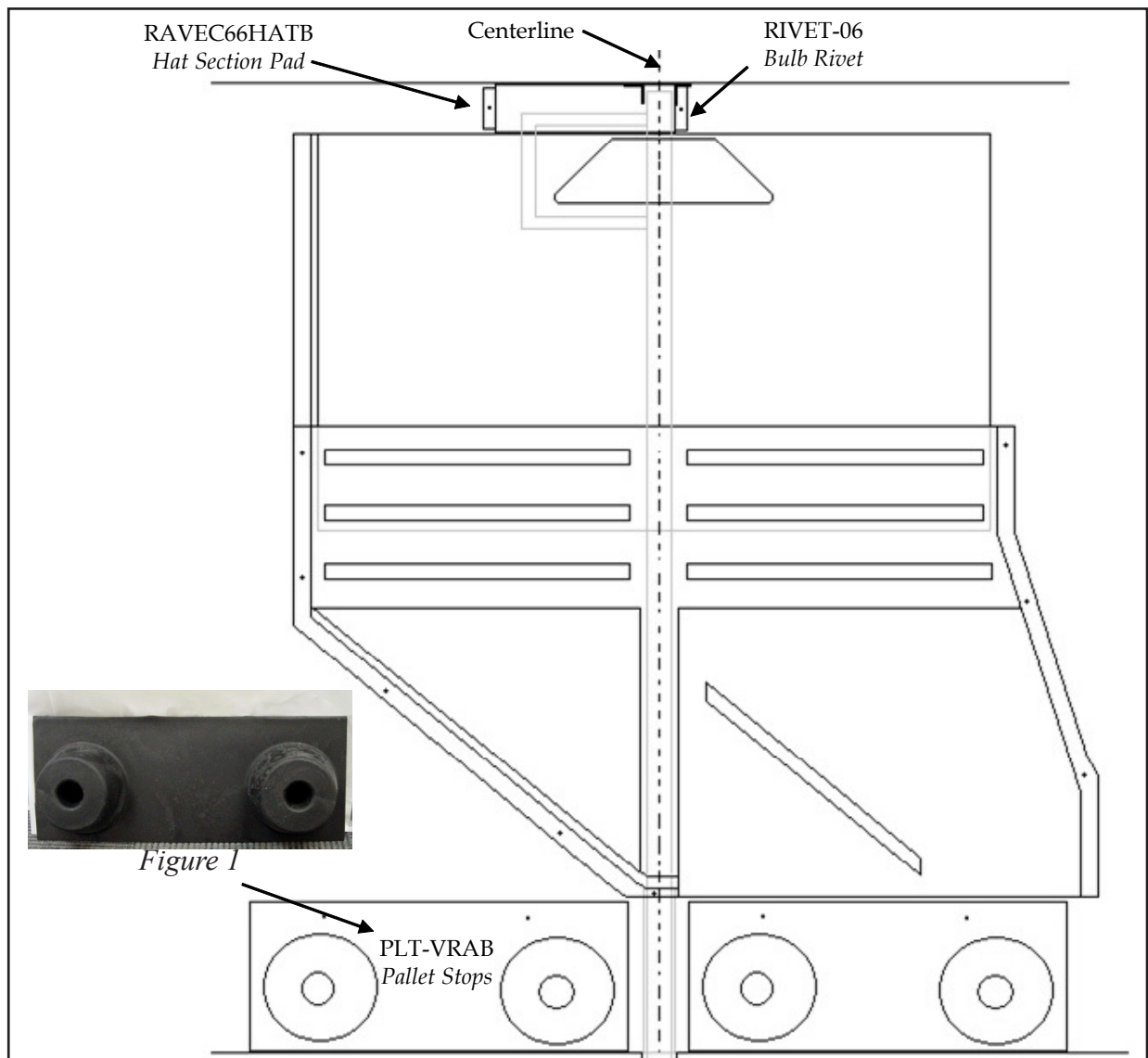


Diagram 4