



Air Management Systems

Solutions for improving the temperature management of your cargo.



The PrimAir™

Bulkhead

- Easy to install, no trimming required
- The only one-piece bulkhead with hinged top for evaporator access
- Built-in support pod design mixes return air for consistent temperature entering evaporator
- Numerous mounting points for wall attachment to any brand of trailer
- High-density polyethylene construction: rigid, durable, FDA approved
- Adaptable to fit virtually any low intrusion evaporator

The PrimAir™

Duct System:

- Multiple air outlets provide complete air circulation to help eliminate hot spots and top freezing
- Unrestricted airflow maximizes unit refrigeration capacity
- Provides secure installation, yet allows for quick access or removal
- Made of high density polyethylene material: rigid, durable and FDA approved
- Transition section pushes up, out of the way, to provide full space utilization for back hauls

Easy access bulkhead fits most refrigeration systems.



No trimming required: installation is easy compared to other bulkheads.

Rigid, high-density polyethylene material: resists damage and meets FDA approval for food handling.

Hinged top: folds down for easy access to the evaporator.

Support pod configuration: provides mounting to front wall supports of any brand of trailer.

Angled support pod design: effectively mixes return air flow to deliver a more consistent air temperature back to the evaporator.

Integral pallet stops: resists damage to the bulkhead and evaporator.

With the PrimAir™ bulkhead, servicing the evaporator is a whole lot easier. By simply unlatching the top half of the bulkhead, it can be lowered to provide access to evaporator, a highly practical design that saves on maintenance time.

operating unit that delivers better cooling to the cargo and saves energy. The angled support pod configuration also provides contact points for attaching to the trailer front wall supports, regardless of the trailer manufacturer. The bulkhead does not need to be attached to the evaporator itself.

The PrimAir bulkhead is constructed of a thick polyethylene material. It is strong, durable, resistant to damage from the cargo and provides protection for the evaporator. The non-porous material is

easily cleaned and specifically approved by the FDA for contact with food products. It can be ordered in white or black, weighs just 59 lbs. and comes with all necessary mounting hardware for most refrigeration systems.

The PrimAir bulkhead fits all Thermo King and Carrier® wide post models (fits other models with appropriate adaptor kit).

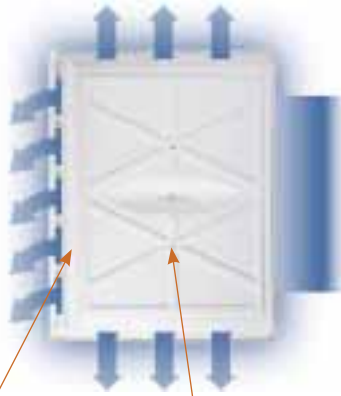


But that's just one of several benefits. This bulkhead's support pods have been uniquely designed and positioned so that return air actually mixes to deliver a more consistent temperature upon entering the evaporator coil. That results in a more efficient



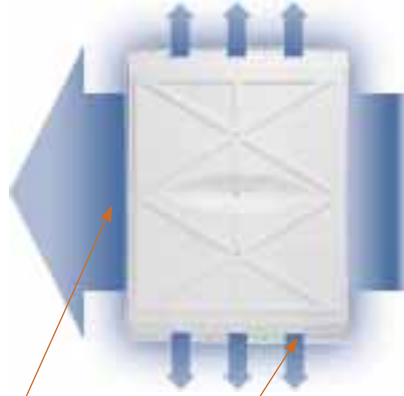
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Ducting maximizes air circulation and air distribution.



End section:
directs air down at rear of trailer.

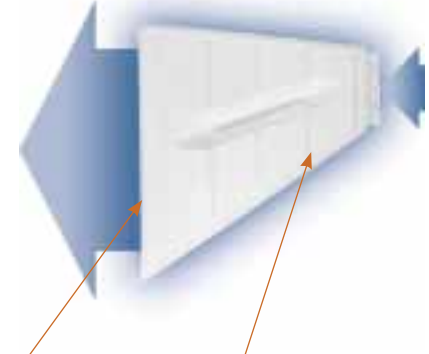
Self-draining openings:
assist in cleaning and also prevent water accumulation.



Center section:
effectively moves airflow to rear of the trailer.

Direct model (for frozen):
has no side openings and channels all air to back.

Distributed model (for non-frozen):
has openings to distribute air on sides.



Transition section:
channels air from the evaporator to center sections.

Flat-folding:
the section pushes up and out of the way to allow for full-height dry cargo stacking on back hauls.

The PrimAir air duct is a uniquely designed system and the answer to getting the most out of your refrigeration unit, because it delivers conditioned air, to your entire cargo. It does it so efficiently that hot spots and top freezing are much less likely to occur in a properly loaded trailer. Tests have shown that the PrimAir duct system is far superior to other systems that only accomplish part of the circulation task.



Constructed of the same polyethylene material as the bulkhead, but lighter-weight, the PrimAir duct offers a tough, yet flexible, long life system. It is comprised of three component sections that are designed to link together, forming a continuous air duct, the length of your trailer. Panels are easy to install and individual sections can be easily removed, without tools, for cleaning or replacement. Panels are colored white to make cleaning more effective, making dirt easier to see. They're also designed with self-draining openings to prevent load-damaging water accumulation. The material meets FDA approval for food contact.

In short, the PrimAir Duct System was designed to work better than any other and save time and avoid inconvenience along the way. Even the

transition section can be pushed up to allow full height dry cargo stacking next to the evaporator, for full space utilization on back hauls.





Providing equipment and services to manage controlled-temperature environments for food and other temperature-sensitive products, our Climate Control Technologies sector encompasses both transport and stationary refrigeration solutions. Our product brands include Thermo King®, a world leader in transport temperature control systems, and Hussmann®, a manufacturer of refrigeration and food merchandising equipment.

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