IAFO

Internal Air Flow Optimizer

OPTIMIZING TRAILER AIR FLOW

Improve airflow in your trailer and improve refrigeration efficiency

THERMO KING EASTERN CANADA

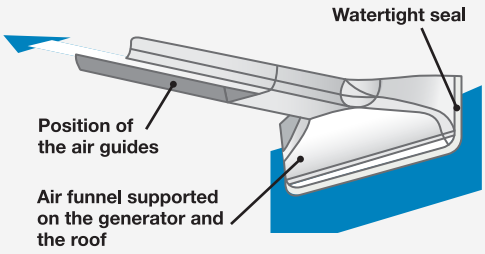
A Division of Jonjo Transport Refrigeration Limited

INTERNAL AIR FLOW OPTIMIZER

- Maintains consistent storage temperature
- Maintains air flow from front to back
- Reduces short cycling and fuel consumption
- Protects the quality of your sensitive cargo

When configuring the best transport refrigeration solution, airflow and air distribution is just as important as pairing the right refrigeration unit with an insulated transport trailer. A properly sized refrigeration solution that can't deliver cold air to all the areas of the trailer can cost you money and your reputation.

"Proper air flow and air distribution ensures that air circulation is maximized, reducing the layering effect that allows large air pockets with different core temperatures to remain intact."



By adding the Internal Air Flow Optimizer air chute technology, airflow is directed and accelerated from the front to the back of the trailer resulting in the even distribution of cold air throughout the trailer storage area.

BENEFIT: With proper circulation of cold air, short cycling of the refrigeration unit is reduced during loading and unloading, which lowers fuel consumption to save you money, and preserves the quality and integrity of your sensitive cargo.

BENEFITS

- Double digit gain in airflow speed
- +25% improvement of the temperature at the rear of the trailer
- Strong return airflow at the floor level
- Better rear ventilation; quick temperature recovery after the doors are opened

CONVENTIONAL SYSTEM

VMAX (M/S) X = 0.9M	VMAX (M/S) X = 0.9M	VMAX (M/S) X = 0.9M	VMAX (M/S) X = 0.9M
13	9	3	2

IAFO

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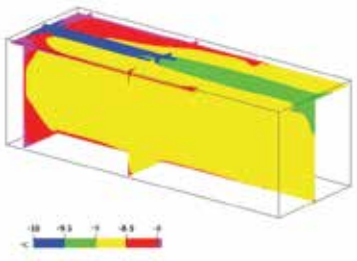
19	17	8	5

The IAFO air chute is optimized with a universal nozzle that directs and accelerates the air flow once it exits. The flow is immediately restored in the central channel. An open air guide system directs this flow with a minimal pressure drop.



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