
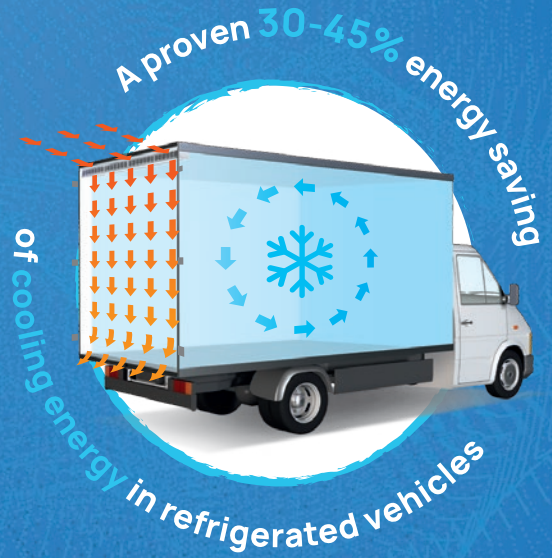


*blueSeal* air curtains are available exclusively  
in the United States and Canada from your local  
 **THERMO KING** dealership



*blueSeal*®  
air curtains for transport



# blueSeal®

air curtains for transport

Brightec, founded in 2010, is an innovative company built upon our roots in physics and energy technology.

We have a long track record in the research and development of environmentally friendly, energy saving and sustainable energy solutions.

Our product BlueSeal® solves the problem of warm air infiltration during door cargo openings which has been identified as the most vulnerable stage of the cold chain during deliveries. Unlike other options on the market, air curtains create a consistent climate barrier that allows drivers to make deliveries unhindered while keeping the cold chain intact.

Driven by global climate change and the exhaustibility of fossil fuels, Brightec is a front-runner company that aims to create breakthrough technologies in the temperature controlled transport sector, and we are committed to commercializing these technologies.

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**World leader in high quality, tailor-made air curtains for temperature-controlled transport.**

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**Trusted by leading food wholesalers, retail chains and pharmaceutical companies to help deliver produce with a decreased risk of spoiling during delivery.**

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[www.bluesealaircurtains.com](http://www.bluesealaircurtains.com)





# blueSeal®

air curtains for transport

BlueSeal® air curtains are used throughout the world to safely transport temperature-sensitive products.

Popular in food and pharmaceutical distribution where effective temperature control can be a critical factor, BlueSeal solves a huge problem faced by transporters.

Once doors are opened during loading and delivery, cargo temperature is compromised by outside temperatures and products become prone to spoiling. This becomes especially problematic during urban distribution when there are many door openings on one route.

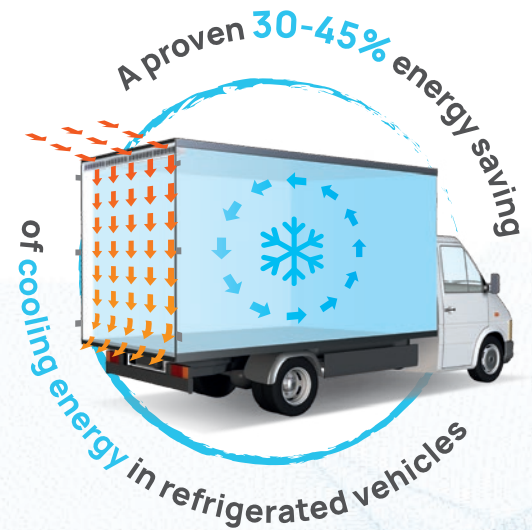
Thanks to a powerful and invisible climate separation, BlueSeal keeps goods fresh and reduces the amount of fuel needed to restore cargo temperature.

With BlueSeal, drivers are able to make deliveries unhindered by a physical barrier while cargo temperature is maintained effectively.



# Advanced cargo climate control

Keeps hot or cold inside your vehicle during door openings with no obstruction to the driver.



## Reduction of fuel

Saves up to 45% of fuel needed to return cargo to it's desired temperature after door openings



## Comfortable & safe

Maintains cargo temperature without obstruction to drivers during loading and delivery



## Maintain temperature zones

BlueSeal keeps the winter cold and summer heat out of the cargo space



## Fits everywhere

BlueSeal fits in all types of road transport vehicles; trailers, trucks, vans (incl. vehicles with roll-up doors)



## Effective barrier

BlueSeal keeps insects, dust, smoke, exhaust gases and bad odors out of your vehicle



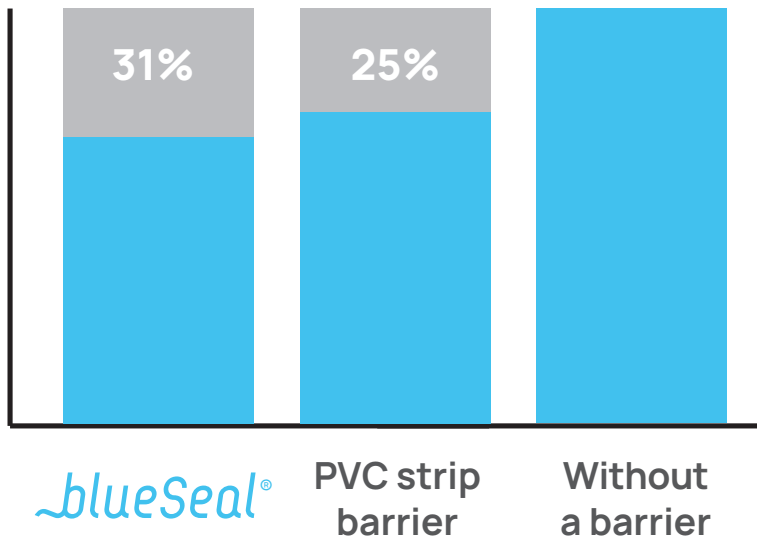
## Easy installation

Installation is easy with our click-to-mount system. Simply attach a mounting place to the ceiling of your vehicle.

“Use of BlueSeal with an optimal air flow took care of approximately **30%** less energy to recover the cargo temperature in a small box truck, and a dramatic energy saving of approximately **45%** in their 18 tonne truck model.”



### Saving of yearly refrigeration fuel consumption



**8%**  
fuel savings  
compared to a PVC  
strip curtain

Up to **30%**  
fuel savings linked  
to a refrigeration unit  
over one year

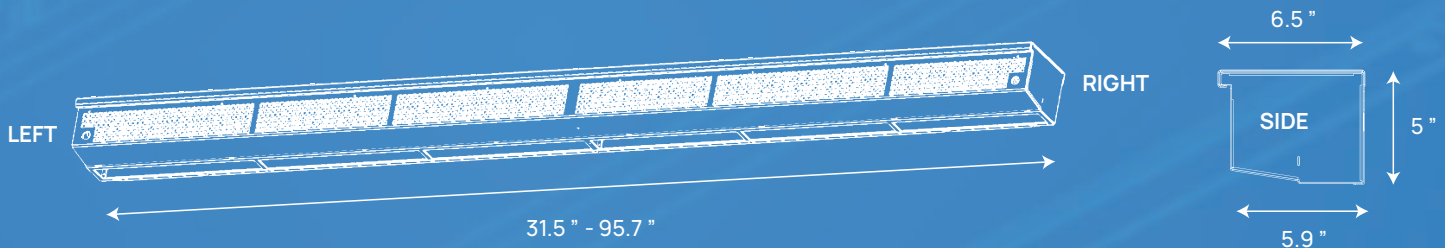
Confirmed by independent  
customer tests.

Refrigeration fuel consumption measured  
by a food wholesaler during one full year



# Technical specification

<b>Length</b>	31.5" - 95.7"
<b>Height</b>	5.0"
<b>Depth</b>	5.9"
<b>Material</b>	Aluminium (anodized)
<b>Fan Type</b>	Axial
<b># Fans</b>	27
<b>Voltage</b>	12 V
<b>Electric Power</b>	105 W (46 W per 40")
<b>Electric Current</b>	8.8 A (3.7 A per 40")
<b>Power Cable Position</b>	Right or left. Front, back or side
<b>Air Flow</b>	1271 CFM (532 CFM per 40")
<b>Environmental Temp</b>	-22°F to +140°F
<b>Weight</b>	28.2 lb (11.8 lb per 40")



**✳ Made to specification**

Speak to your local dealership today for a quote to suit your vehicle or fleet.

# Some of our valued customers and strategic partners.

## BRAKES FOODSERVICE

"Brakes Foodservice are a leading foodservice company that value sustainable transport at the heart of our daily operation. That's why we are delighted to equip BlueSeal air curtains to keep refrigerated air inside our vehicles during loading and unloading. This helps to keep our produce fresh during deliveries, while reducing the carbon emissions from our vehicles by reducing the energy needed to keep the trailer at the right temperature."

## BIDFOOD

"BidFood NL has been using BlueSeal air curtains for more than 5 years. During our distribution runs with many drops, the BlueSeal is able to maintain the desired temperature in the cargo area."

"Our drivers are very satisfied with the BlueSeal air curtains. The BlueSeal creates a virtual door through which the driver can load and unload without any physical hindrance."

## TRANSGOURMET

"For our drivers who practice urban distribution, the use of an air curtain is undoubtedly the best solution compared to strip curtains. Classic strip curtains age poorly over time, do not last, end up torn and can also be dangerous for users in terms of visibility during loading and unloading operations. In addition, the use of a BlueSeal air curtain allows perfect temperature maintenance inside the refrigerated body when the doors are opened. We have much less temperature loss inside. Finally, the BlueSeal air curtain is very practical because it is triggered automatically when the doors open."





## Enhanced cold chain preservation

BlueSeal maintains cargo temperature during door openings, helping to preserve temperature-sensitive products even when there are multiple delivery stops.



## Fuel efficient

BlueSeal considerably reduces cooling fuel use required by vehicles to restore cargo to its desired temperature.



## Contact free solution for drivers

BlueSeal offers a comfortable, hygienic and safe solution. Drivers are not obstructed during deliveries and are able to load and unload without hindrance.

[www.bluesealaircurtains.com](http://www.bluesealaircurtains.com)