

Christian Aitken
Executive Vice President
Polar King Mobile



REIMAGINING COLD STORAGE: Introducing **Mobile Refrigeration Solutions** to North America

Refrigerated trailers have long been established globally, particularly in Europe where they seamlessly integrate into daily operations and serve as practical alternatives to conventional reefers, box trucks, and upfitted vans. However, the adoption of this technology in the U.S. has been gradual and measured. This can be attributed in part to differing lifestyles—Europeans frequent grocery stores more often, whereas Americans tend to buy in bulk. Spatial disparities also contribute; Europeans are accustomed to more confined living and workspaces, necessitating more compact refrigerated solutions.



Nevertheless, access to this advanced technology shouldn't remain limited to one continent. In response, the creators of industry's leading walk-in cold storage solution, Polar King, introduced Polar King Mobile (PKM) in 2020, striving to bridge this divide and make refrigerated trailer solutions more accessible domestically.

Polar King Mobile today stands as a pioneering force in North America, bringing cost-effective mobile refrigerated solutions to the market. The company's exclusive dedication revolves around crafting refrigerated trailers designed to address a broad spectrum of established and evolving requirements. Given that this technology is still in its infancy within the U.S., the true potential of its applications is unfolding as accessibility expands.

Polar King Mobile customers often share a common sentiment: "I never truly grasped the value of a refrigerated trailer until I made the investment. Now, my business would struggle to operate without it." Let's delve into the intricacies to better understand the underlying factors.

What is a Polar King Mobile Trailer?

Just like the ground-resting walk-in units produced by Polar King and Polar Leasing Company, the freezer and cooler trailers from Polar King Mobile boast a seamless fiberglass construction. These trailers are offered in three standard dimensions: 6'x8', 6'x12', and 6'x16' and provide a temperature range spanning from 0°F to 50°F. Most notably, all PKM trailers come with validated credentials, offering customers an extra layer of reassurance.

Easily connecting to the standard 110V and 15 amps outlets prevalent in North America, these compact units operate on an all-electric system. Each trailer, which is NSF listed, showcases a set of impressive features, including a sturdy 54-inch reinforced door, robust four-inch walls, a pallet-duty floor, and an interior coated with [Antimicrobial gel coating](#) for greater hygiene.

The crucial cooling function is attributed to the [GOVI arktik 2000US](#) series refrigeration unit, known for its ability to maintain temperatures within the range of 0°F to 50°F to support optimal storage conditions.

All Polar King Mobile trailers are manufactured and built in accordance with the National Association of Trailer Manufacturers (NATM) compliance standards, which reiterates the trailers are designed with safety and performance in mind. They are also ISO certified for the highest quality, health and environmental standards.

Available Models



PKM68

Dimensions: 6' x 8'
GVWR: 5,000 lbs
Trailer: 2,100 lbs
Capacity: 2,900 lbs
E-Track Ready



PKM612

Dimensions: 6' x 12'
GVWR: 7,000 lbs
Trailer: 2,700 lbs
Capacity: 4,300 lbs
E-Track Ready



PKM616

Dimensions: 6' x 16'
GVWR: 9,990 lbs
Trailer: 3,300 lbs
Capacity: 6,690 lbs
E-Track Ready



PKM Features and Benefits

PKM is redefining mobility in the realm of refrigeration and freezer storage. With an all-electric design, these units can be effortlessly towed by virtually any vehicle equipped with a hitch. The units really put the “Mobile” in Polar King Mobile, as they’re designed to be pulled behind a standard pickup truck, and all are rated at or under 10,000 lbs. gross vehicle weight (GVW) – so no CDL necessary. This groundbreaking flexibility in accessing cold storage opens doors for various users, from urban catering companies to rural farmers, and anyone else in need of convenient on-site trailer placement.

Advanced temperature control systems and an exterior crafted from durable fiberglass maintain precise conditions, even in the harshest environments. These on-the-road trailers offer users unparalleled peace of mind, made possible through cutting-edge temperature validation technology. Temperature data loggers accurately confirm temperature uniformity across multiple points within each unit prior to customer shipment. This methodical process not only enables real-time tracking but also generates graphical representations to accommodate a diverse range of validation test protocols.

When it comes to inside the units, the units are designed to meet every user’s needs. All three PKM units are E-Track ready, so you won’t need to make any adjustments or modifications to the interior once you receive the trailer. While that covers the walls, what’s within the walls is R-28 – the best thermal resistance insulation on the market, reiterating that PKM trailers are a difference maker. Oh, and don’t forget the floors are $\frac{3}{4}$ ” keg duty rated to withstand the toughest jobs.



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Polar King Mobile Applications

Polar King Mobile’s versatile trailers accommodate a range of industries, including catering, hospitality, and disaster relief. They can be found everywhere from wedding

receptions to emergency situations. They also adapt to seasonal demands, supporting events and concessions.

In agriculture, PKM trailers are a vital resource for farmers, supermarkets, and food processors to preserve produce quality. The mobile food industry benefits from the convenience of the units, while florists and growers value the controlled environment. These versatile trailers are even ideal for hunting and meat storage applications. PKM solutions can also be found in healthcare settings, maintaining critical conditions in hospitals and mobile morgues.

For any business that requires transportable cold storage, these trailers offer an affordable and space-efficient solution. Furthermore, as technology gains traction, new markets will emerge in this evolving landscape.



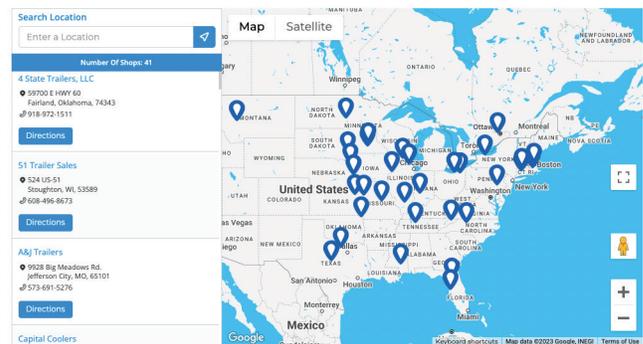
The PKM First-Mover Advantage

When it comes to refrigeration and freezer requirements, there is absolutely no margin for compromise. While PKM trailer units may seem compact to commercial users, they embody a transformative leap for farmers, bakers, butchers, event planners, healthcare providers, and numerous others. Accessibility remains prevalent even as cutting-edge technology takes center stage.

With the emergence of this new category, the scope of potential applications is primed for extensive growth. Additionally, developing trends in the wake of the pandemic underscore an intensified reliance on cold storage, with demand soaring to unparalleled heights. In an era defined by convenience, where doorstep grocery deliveries and overnight shipments are standard, Polar King Mobile is poised to assume an even more crucial role as its trailer solutions bridge a marketplace gap by facilitating seamless pickups and deliveries with heightened efficiency.

Over-The-Road Opportunities

As the pioneering force to introduce refrigerated and freezer trailers in North America, Polar King Mobile is still in the early stages of this emergent trend. However, as demand steadily escalates, the spectrum of use cases is set to broaden. Polar King Mobile is backed by the extensive expertise of Polar King, a name synonymous with cutting-edge cold storage technology for over four decades. Moreover, PKM trailers are equipped with GOVI cooling equipment, a proven success in Europe over many years. This brings an assurance of quality with every Polar King Mobile trailer.



Find a Dealer

As the need for refrigeration solutions continues to surge, so too will the presence of refrigerated trailers in the market. Polar King Mobile not only leads the charge in fulfilling this demand but also cements its position as the foremost choice for customers seeking a dependable solution to fuel their business growth.

ABOUT POLAR KING MOBILE

Polar King Mobile was founded in 2020 to provide North America with the first affordable, small, refrigerated trailer solution. The company's refrigerated and freezer trailers, engineered specifically for outdoor and over-the-road use, feature a 100% seamless fiberglass design with a continuous surface. Polar King Mobile trailers are used by single-unit operators, chain restaurants, schools, health care facilities, government agencies and many others requiring dependable outdoor refrigeration. For more information, visit polarkingmobile.com or call (866) 260-4686. Polar King Mobile is located at 4410 New Haven Ave Suite A, Fort Wayne, IN 46803 USA.

