

40 ft Reefer Container Powers Temperature Compliance for a Leading Chemical Manufacturer



Outside View



Inside View



Swift Setup



Precision Cooling



On-Site Storage Control





THE CHALLENGE:

- **Finished Goods Sensitivity:** The chemical manufacturer needed to store high-value finished goods that must remain at -6°C or below at all times.
- **Lack of Internal Infrastructure:** Their existing storage infrastructure could not sustain sub-zero conditions consistently.
- **Operational Pressure:** With production continuing, the company required an immediate, reliable, on-premise temperature-controlled storage solution without disrupting workflows.
- **Risk of Product Deviation:** Any temperature fluctuation would compromise product stability and regulatory compliance—an unacceptable risk.

OUR SOLUTION:

- **Rapid Deployment:** A specialized team assessed the site and deployed a 40 FT reefer within 48 hours, ensuring no production delays.
- **Sub-Zero Ready Engineering:** The reefer was configured to maintain -6°C to lower, delivering consistent, pharma-grade temperature stability.
- **Smart Monitoring & Alerts:** Real-time temperature tracking with instant notifications protected against deviations.
- **Seamless Integration On-Site:** Installed directly inside the company's own premises, enabling quick access, optimized flow, and ease of operations.

KEY RESULTS DELIVERED

- **Precise Temperature Control:** Maintained uninterrupted storage at -6°C or lower.
- **Zero Product Loss:** No deviations or spoilage since deployment.
- **On-Premise Advantage:** The team accessed materials instantly, improving process efficiency.
- **Scalable & Portable:** The setup can be expanded as operations grow.
- **Fastest Fulfilment:** From assessment to live operation, completed within 2 days.





Results That Made the Difference

- **Stable Sub-Zero Performance:** Continuous and reliable temperature maintenance at -6°C or lower.
- **Zero Deviation, Zero Loss:** No temperature excursions observed since installation, ensuring maximum product safety.
- **Operational Freedom:** Enabled uninterrupted production and smooth dispatch planning.
- **Cost Advantage:** Eliminated the need for permanent construction or CapEx-heavy cold room setups.
- **On-Premise Efficiency:** Reduced handling time and improved inventory access by storing goods within facility premises.
- **Scalable Future-Ready Model:** Containerized solution that can be replicated or expanded as demand grows.

Why the 40 ft Reefer is a Game-Changer for Chemical Storage

- Fastest sub-zero deployment for industrial use
- Fully **portable & plug-and-operate**
- Precision temperature control for **sensitive SKUs**
- **Built-in monitoring**, alarms & safety controls
- Supports **on-premise** installation
- Cost-efficient vs. building permanent cold rooms
- **Zero downtime** during installation
- Ideal for **finished goods** that require strict, stable environments

THE TAKEAWAY

The 40 FT Reefer didn't just store products, it safeguarded compliance, continuity, and peace of mind.

By deploying an on-site, sub-zero solution, the client unlocked uninterrupted production and a future-ready storage model.

Clients Testimonial

“Operational reliability was our biggest concern. This solution delivered stability, speed, and control beyond expectations.”

— Operations Head