POLAR LEASING
COMPANY, INC.

REFRIGERATION RENTAL

NATIONWIDE DEPOTS

PolarLeasing.com | 877-775-4140

POLAR LEASING
COMPANY, INC.

SHORT AND LONG TERM
REFRIGERATION
RENTAL

ON-SITE

COLD CHAIN STORAGE SOLUTIONS

BIOTECHNOLOGY, MEDICAL & PHARMACEUTICAL INDUSTRIES

NATIONWIDE DEPOTS

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POLAR LEASING NATIONWIDE ON-SITE COLD STORAGE RENTALS

BIOTECHNOLOGY, MEDICAL, & PHARMACEUTICAL INDUSTRIES

Cold Chain Solutions

The Leading Manufacturer of Compliant Temperature Controlled Cold Rooms Since 2002.

At Polar Leasing, we understand that maintaining uniform temperature is a critical factor in the cold chain for the biotechnology, medical, and pharmaceutical industries. Our one-piece fiberglass cold rooms maintain temperature control, offer quick temperature recovery times, provide excellent sanitation standards and offer peace of mind that your product is safe.

Enjoy Reliable & Efficient Cold Chain Storage Solutions With Polar Leasing!

Active compliant temperature controlled systems must be reliable to provide safe and effective cold chain storage. Pharmaceutical products such as biomedical technologies, life sciences, life systems technologies, nutraceuticals, cosmeceuticals, biomedical and environmental devices, and food processing all demand controlled environments in accordance with the international GDP directive (Good Distribution Practice).

Designed To Meet Your Specific Needs

Polar Leasing can customize a temperature controlled cold room to meet your requirements and holding specifications.

Available for a few days or a few years, our pharmaceutical temperature controlled cold rooms can be delivered anywhere throughout the cold chain and are easy to use and operate. No on-site assembly required – just a simple electrical connection and it's ready to go!

POLAR LEASING COLD ROOMS

Convenient, Efficient, Attractive

SPACE EFFICIENCY
No need to rent a huge container and only use a fraction of the space

TWO POPULAR SIZES
8X10 & 8X20
(More Available On Request)

SEAMLESS FIBERGLASS
Fiberglass offers natural insulation, providing more efficient cooling than a metal container, saving you money on energy costs.

QUIET & EASY-TO-USE
Electric-powered compressors mean quiet operation, eliminating the headache of buying diesel fuel, refueling, noisy diesel engines and exhaust.

Our dual temperature 8'x10', 8'x20', 8'x20' HD Pallet and optional 8'x20' redundant cold rooms have been temperature validated. These validation reports and evaluations may serve as a baseline and offer the assurance of the required performance.

Pharmaceutical Industry Usage

Temperature Control You Can Count On

Polar Leasing is proud to be a cold chain supplier to many pharmaceutical companies involved in temperature-sensitive distribution.

From research and development to the clinical trials phase, preconditioning gel packs or prior to transport, **Polar Leasing** temperature controlled cold room rentals are the perfect on-site solution for temporary refrigeration anywhere throughout the cold chain.

Polar Leasing maintains all temperature controlled cold rooms by offering 24/7 service, optional dataloggers and RFID tags, temperature validation reports and custom options for long-term rentals.

8x20 Cold Room
With Optional Pallet Sized Door

From raw materials storage to worldwide customer distribution, Polar Leasing temperature controlled cold room rentals offer temporary cold storage throughout the entire cold chain.

- **Nationwide Temporary On-Site Refrigeration Storage**
- **-23°C to 8°C Temperature Range** (Custom Temperature Settings Also Available)
- **Electric Powered Operation** (208-220 Volts, Single Phase)
- **Generator Adaptable** (12,000 Watt-20"/ 8,500 Watt-10")
- **Ground Resting And Aesthetically Pleasing**
- **24/7 Service**
- **Bright Interior Lighting**
- **Custom Cold Rooms Available**
- **Indoor/Outdoor Fiberglass Design**
- **Data Loggers**
- **Redundant Refrigeration**
- **KE2 Controlled Environment System**
- **Energy Efficient Vinyl Strip Curtains**
- **NSF Certified**
- **Antimicrobial Interior**
- **Floor Load Rating of 1,200 Lbs/Sq-Foot**

Polar Leasing Temperature Controlled Cold Rooms Offer Solutions During All Stages Of The Cold Chain Including:

- Bio Materials
- Research & Development
- Clinical Trials
- Bulk Drug Storage
- Vaccine Storage
- Packaging Facilities
- Gel Pack Conditioning
- PCM Conditioning
- Overflow Capacities
- Seasonal & Transport Storage

Polar Leasing
Temperature Assurance
OPTIONAL

Preserve and protect your pharmaceutical products with our on-board system. This integrated system protects your inventory by allowing you to easily access 24/7 real-time data and monitor from your desktop or mobile device, and receive notifications on the go.

KEY FEATURES
- Low Pressure Alerts
- Monitor Door Openings
- Out of Spec Temp Alerts
- Unique Login & Password
- View Temperature History

SAFE PRODUCT STORAGE
Enjoy accurate temperature control for temperature-sensitive product storage. Cold rooms are available in various sizes and operating temperatures and are easily secured to keep high value products safe.

CONVENIENT & SIMPLE USE
All Polar Leasing cold rooms are electric; there are no loud diesel generators, fumes, or fuel costs. Additionally, the ground resting design allows for easy entry; no hard-to-open doors.

PORTABLE & EASY TO MOVE
Our portable cold rooms give you the flexibility to move the refrigerated unit to various parts of your facility, as areas of need change.

REDUCE CAPITAL EXPENSES
On-site refrigeration offers instant access to products and avoids unnecessary freight charges and potential product damage due to shipping to and from a central location.

AVAILABILITY & DELIVERY
Arrives Ready– Simply Connect & Go!

Cold rooms are delivered from one of our nationwide depots, pre-assembled, pre-wired and ready to operate with a simple electrical connection.

- No On-Site Assembly Or Refrigeration Installation Required
- Delivered On A Flatbed Roll-Off Truck
- GPS Fleet Tracking
- Place Cold Rooms On Any Level Surface
- Immediate Availability
- NSF Certified
- Exceed Health Department & OSHA Standards

A Simple Process

1. Call To Set Up Reservation
   In most instances units can be delivered within 12-24 hours!
2. On-Time Delivery & Easy Set-Up
   Simply bring power to the cold room and it's ready to go!
3. Removal & Cleaning
   We remove the cold room and transport it back to one of our many facilities for cleaning and inspection.

POLAR LEASING NATIONWIDE ON-SITE COLD STORAGE RENTALS | BIOTECHNOLOGY, MEDICAL, & PHARMACEUTICAL INDUSTRIES

KE2 Evaporator Efficiency

Different from standard units, custom built cold rooms utilize a **KE2 Controlled Environment** system.

This type of system is unique for its ability to control the internal temperature, as well as the defrost cycles to one-tenth of a degree. The **KE2 Controlled Environment** manages the temperature and humidity of sensitive product inventory. By maintaining both the humidity and temperature, the **KE2 Controlled Environment** preserves product integrity, reduces spoilage and prevents shrinkage. Temperature is maintained precisely, providing the ideal environment for pharmaceutical applications.

8x20 Cold Room

15-50% ENERGY SAVINGS
Over Mechanically Controlled Systems.

- Eliminates unnecessary defrosts, reducing energy consumption and preserving product integrity.
- Maximizes energy efficiency with less compressor run time resulting from shorter defrosts.
- Eliminates ice formation on floors and ceilings.
- Eliminates excessive temperature swings.

Polar Leasing Custom Controlled Cold Rooms

Polar Leasing 8x20 temperature controlled cold rooms are walk-in combination freezer/refrigeration units, specifically designed and engineered for customers operating in the pharmaceutical cold chain. Each custom built cold room has an option of rental validation. For added efficiency and to further protect the integrity of the products stored inside, each cold room features vinyl strip curtains to reduce the amount of cold loss or heat gain.

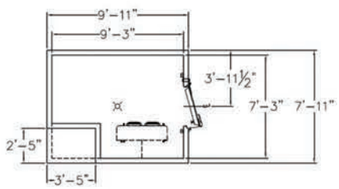
All custom built redundant cold rooms are constructed with a heavily reinforced door that is large enough to fit a hand pallet jack inside for loading and unloading. For customers that require larger storage space in which handloading is not an option, our temperature controlled cold rooms are an ideal fit.

Additionally, the heavy duty (HD) floor is durable and capable enough to hold up to 1,000 lbs. sq. ft, while the pallet duty floor is rated up to 5,000 lbs. sq. ft. For added safety and protection, the DT820P and DT820RP cold room units have an interior pallet bumper guard around the interior to prevent damage to the rental unit. As with all our NSF approved refrigeration rentals, we utilize an antimicrobial gel-coat finish on the interior. This inhibits the growth of microorganisms, such as bacteria, viruses, mold, and mildew.

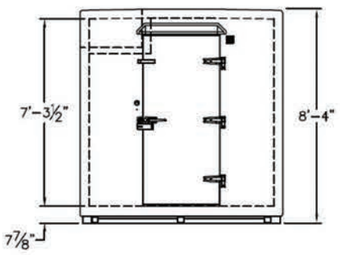
Specifications Models: DT810/DT820 DT820P/DT820RP

MODEL #:	DT810	DT820	PALLET DOOR DT820P	REDUNDANT DT820RP
Exterior Width	7'-11"	7'-11"	7'-11"	7'-11"
Exterior Length	9'-11"	19'-11"	19'-11"	23'-1"
Exterior Height	8'-4"	8'-4"	8'-4"	8'-4 3/4"
Interior Width	7'-3"	7'-3"	7'-3"	7'-3"
Interior Length	9'-3"	19'-3"	19'-3"	19'-3"
Interior Height	7'-3"	7'-3"	7'-3"	7'-3"
Interior Area	67 ft²	140 ft²	140 ft²	140 ft²
Interior Volume	489 ft³	1018 ft³	1018 ft³	1018 ft³
LED Light	1	2	2	3
Condensing Unit	FFAP-020Z-CFV	DJAF-024Z-CFV	DJAF-024Z-CFV	XFAP-030Z-CFV
Horsepower	2	2 1/4	2 1/4	3
Coil	AE26-92B	AE36-140B	AE36-140B	RL6E-142-DPA
Temperature	-23°C to 2°C	-23°C to 2°C	-23°C to 2°C	-23°C to 2°C
Refrigerant	R 404A	R 404A	R 404A	R 404A
Electrical Supply	208-230/110V	208-230/110V	208-230/110V	208-230/110V
Phase	1	1	1	1
Cycle	60Hz	60Hz	60Hz	60Hz
MCA	19.6	27.4	27.4	32.9
0°C Capacity	15000 BTU/Hr @ 32°C	21900 BTU/Hr @ 32°C	21900 BTU/Hr @ 32°C	27500 BTU/Hr @ 32°C
-23°C Capacity	6060 BTU/Hr @ 32°C	8810 BTU/Hr @ 32°C	8810 BTU/Hr @ 32°C	10950 BTU/Hr @ 32°C
Door Opening	32 1/2 " x 77 3/4 "	32 1/2 " x 77 3/4 "	51" x 77 3/4 "	51" x 77 3/4 "
Empty Weight	2000 lbs.	3750 lbs.	4000 lbs.	4250 lbs.
Floor Rating	900 lb/ft²	900 lb/ft²	1000 lb/ft²	5000 lb/ft²

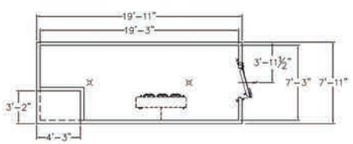
DT810 Plan View



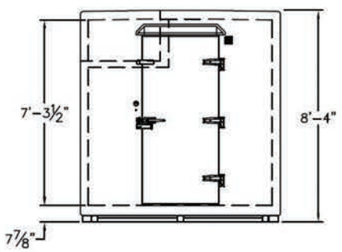
DT810 Elevation View



DT820 Plan View

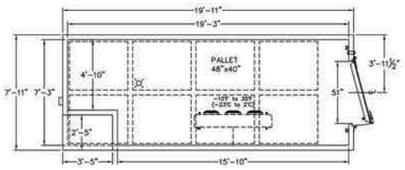


DT820 Elevation View

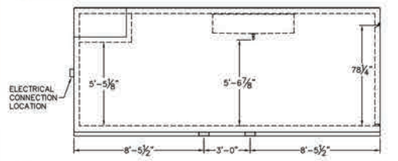


	DT810 | DT820		DT820P | DT820RP	
NSF Approved	✓	✓	✓	✓
Temperature Validated	✓	✓	✓	✓
Vinyl Strip Doors	✓	✓	✓	✓
Seamless Fiberglass	✓	✓	✓	✓
Stainless Kick Plates	✓	✓	✓	✓
2 Part Epoxy	✓	✓	✓	✓
3" Fork Slot	✓	✓	✓	✓
Bumper Guard	X	X	✓	✓
HD Floor	X	X	✓	✓
Full Redundancy	X	X	X	✓

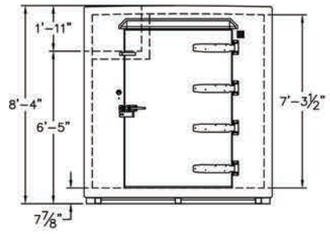
DT820P Plan View



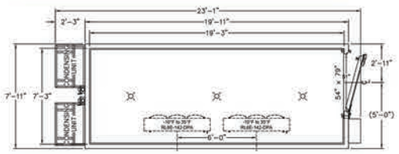
DT820P Elevation View



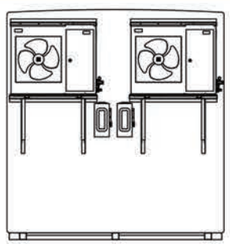
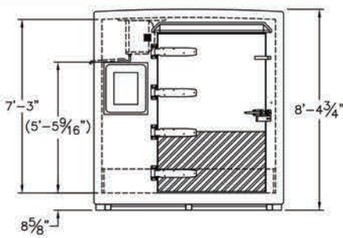
DT820P Front View



DT820RP Plan View



DT820RP Rear Elevation View



DT820RP Front Elevation View