

NORLAKE®



SCIENTIFIC **MINI ROOMS**
Controlled Temperature Chambers

PRODUCT DETAILS

Mini Rooms are ideal for general-purpose cold storage in laboratories, blood banks, university and medical research facilities, morgues, agriculture rooms, animal carcass and museum art/collections storage. Mini Rooms are used to store reagents, media, proteins, specimens and other samples and solutions.

PERFORMANCE

Mini Rooms provide $\pm 3.0^{\circ}\text{C}$ Uniformity and $\pm 2.0^{\circ}\text{C}$ Variation (excludes defrost periods on freezers).

Temperature uniformity is defined as the temperature change of each of twelve type T-24 Ga. Thermocouples located on a horizontal plane 40" from the floor, 12" from the walls, as measured over a 24-hour period.

Temperature variation is defined as the temperature variation of the single product sensing element measured over a 24-hour period.

Uniformity and variation information is based on ambient conditions of 23°C and 50% RH and they will vary more if the ambient conditions change on freezers during defrost periods and if there is interference to the airflow caused by product or other changes.



Spring actuated door closer



Adjustable door hinges



Deadbolt locking door handle with independent key/padlock feature and inside safety release



LED interior lighting



ALL MODELS SHIP WITHIN 20 BUSINESS DAYS!

PRODUCT DETAILS

CAPSULE PAK™ REFRIGERATION SYSTEMS

Capsule Pak refrigeration systems are an ideal solution for simple and rapid installation. Each system consists of a condensing unit and evaporator coil contained in a single housing. All models are factory assembled, wired, charged, tested and fully equipped for fast and easy insertion into a factory prepared walk-in opening.

- Standard on mini room coolers and freezers
- Flush coil makes full use of interior space
- Scroll™ compressors on most models for added reliability
- No room penetrations for drain lines on outdoor or remote units
- Easy installation with no floor drain required on indoor models
- UL and CSA electrical listing on complete Capsule Pak systems



STANDARD ELECTRONIC CONTROLLER

Standard on all Capsule Pak systems, Norlake's electronic controller is designed to protect your perishable products while boosting energy efficiency.



- Software allows remote monitoring and programming. If there's an issue with the refrigeration system, operators know instantly through error codes and online data.
- The patented design saves up to 27% more energy than an all-mechanical system
- Demand Defrost technology initiates defrosts only as needed for further energy savings

ADDITIONAL MINI ROOM FEATURES

- 26 ga. corrosion resistant stucco embossed coated steel on all surfaces (except interior floor)
- Smooth aluminum interior floor (on models with floor)
- Floorless models supplied with NSF listed vinyl sealers
- Digital thermometer
- 26" door opening
- Self-closing door with cam-lift hinges
- Quick inside safety release
- Magnetic door gasket
- Perimeter door heater wire
- Switch and pilot light
- CFC free polyurethane insulation - meets latest EPA rulings
- NSF, UL flame spread 25 on panels; UL and CSA electrical listing on door section
- City of New York listed
- City of Houston listed
- City of LA listed
- California State listed
- Oregon State listed
- USDA accepted
- Made in the USA

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HOW TO ORDER

ORDERING IS EASY!

Simply follow the steps below and your indoor cooler or freezer will ship within 20 working days!

STEP 1

MODEL NUMBER "MR"

In determining your mini room model number, remember all models start with an "MR" prefix.

STEP 2

DESIGN TEMPERATURE

- "C" = +4°C Cold Room ("MRC")
- "F" = -20°C Freezer ("MRF")

STEP 3

OVERALL ROOM HEIGHT REQUIRED

- " " (Blank) = height of 6'7"
- "74" = 7'4" floorless (cold room only)
- "77" = 7'7" with-floor

Heights are for the room only and do not include the top mount refrigeration system or recommended spacing for service and air flow.

STEP 4

SIZE AND SHAPE

Choose from one of the floor plans shown on the right page. Proper numbers for each layout and optional door location are shown in the center of the floor plan.

STEP 5

DOOR SWING

- "R" = right hand hinging
- "L" = left hand hinging

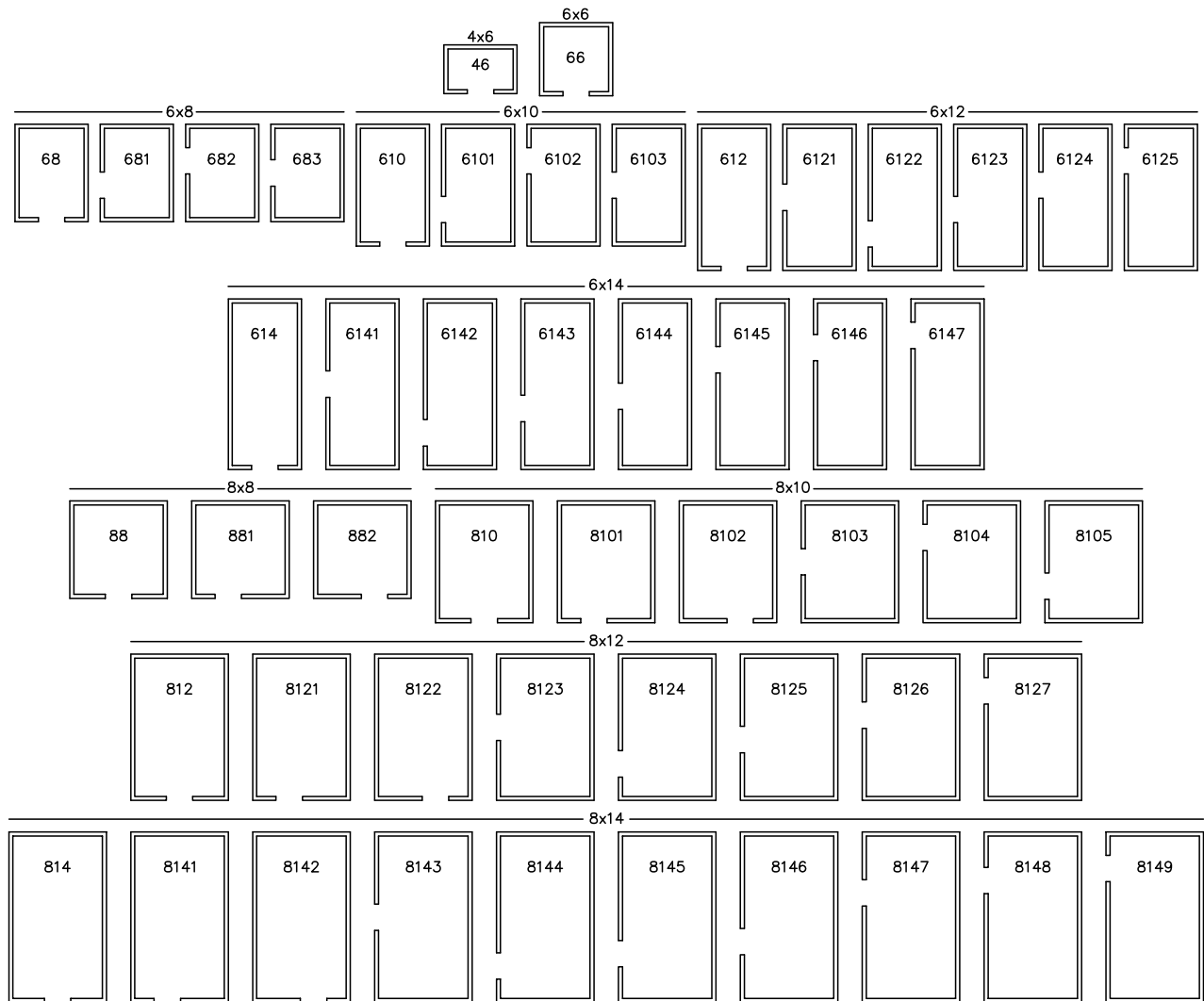
Hinging is as viewed from outside of the room facing the door.

Example: **MRC7466-CR**

Mini Room, 4°C Cold Room, 7'4" Tall x 6' Wide and 6' Long with Right Hand Door Swing

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HOW TO ORDER



Can't find what you're looking for?

Additional sizes, combination models, outdoor and remote refrigeration systems are available, contact your factory sales representative for pricing.

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SPECIFICATIONS

MINI ROOM COLD ROOMS

4°C Operation		
6'-7" With Floor Layout	Shipping Weight*	Cubic Footage
MRC46-CX	741	105
MRC66-CX	908	168
MRC68-CX	1067	231
MRC610-CX	1226	295
MRC612-CX	1385	357
MRC614-CX	1796	420
MRC88-CX	1254	318
MRC810-CX	1440	404
MRC812-CX	1880	490
MRC814-CX	2066	578

4°C Operation		
7'-4" Floor-less Layout	Shipping Weight*	Cubic Footage
MRC7466-CX	862	196
MRC7468-CX	1013	270
MRC74610-CX	1267	344
MRC74612-CX	1395	418
MRC74614-CX	1628	490
MRC7488-CX	1279	372
MRC74810-CX	1418	473
MRC74812-CX	1666	574
MRC74814-CX	1807	675

4°C Operation		
7'-7" with floor Layout	Shipping Weight*	Cubic Footage
MRC7766-CX	984	196
MRC7768-CX	1155	270
MRC77610-CX	1326	344
MRC77612-CX	1520	418
MRC77614-CX	1922	490
MRC7788-CX	1354	372
MRC77810-CX	1575	473
MRC77812-CX	2005	574
MRC77814-CX	2205	675

MINI ROOM FREEZERS

-20°C Operation		
6'-7" with Floor Layout	Shipping Weight*	Cubic Footage
MRF46-CX	906	105
MRF66-CX	1076	168
MRF68-CX	1602	231
MRF610-CX	1491	295
MRF612-CX	1668	357
MRF88-CX	1519	318
MRF810-CX	1723	404

-20°C Operation		
7'-7" with Floor Layout	Shipping Weight*	Cubic Footage
MRF7766-CX	1252	168
MRF7768-CX	1420	231
MRF77610-CX	1609	295
MRF77612-CX	1781	357
MRF7788-CX	1637	318
MRF77810-CX	1836	404

*Shipping weight may vary based on accessories ordered and does not include refrigeration system.

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OPTIONS & ACCESSORIES

- 26", 30" or 36" wide kick plates (30" high in either stainless steel or 1/8" aluminum diamond tread)
- 30" or 36" wide door section upgrade (in lieu of standard 26" width, if the standard shelving kit is used with this wider door it may extend into the door opening)
- 36" wide exterior ramp
- 24" or 48" LED light fixture (shipped loose)

SHELVING KITS

- Specially designed three- or four-tier shelving kits are available for all mini rooms
- Norlake Scientific Chrome Kote™ shelving systems are easy to assemble and feature rigid construction
- Chrome Kote shelving available as standard when included in order
- Flexible shelf adjustment in 1" increments
- Norlake shelving utilizes a support clip to eliminate center posts
- The Norlake Klip™ provides maximum space utilization for storage leaving the door opening clear of end standards
- Special epoxy coated finish Green Kote™ shelving provides extra protection from acidic products (consult factory for pricing and lead time)



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With a track record of nearly 75 years of providing quality refrigeration equipment to the Scientific and Laboratory communities, Norlake has the expertise to solve critical cold storage challenges. Our cold options are ideal for research, clinical and industrial settings.

When customers need to know their cold storage will arrive on time, perform as expected and be easy to maintain, they can depend on Norlake. By engineering our products for simple installation, reliability, long life, energy efficiency, and supporting them with industry-leading warranties, we take the worry out of protecting and preserving critical materials. Norlake is committed to ensuring our customers' success from quote, delivery and after-market support, now and in the future.



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