Thermo-Kool®

Project _____

Item No. _____

Quantity _____

TK47BC-2
Blast Chiller Roll-In

TK47BC-2

CAPACITY

- Angle guide rack, up to 40 food pans
- Universal guide rack, up to 40 food pans or 20 sheet pans
- Combi oven racks
- Any size rack up to 35”(W) x 38”(D) x 75”(H)

PERFORMANCE

TK47BC-2 blast chills up to 470 lb of product from 165°F to 37°F within 2 hours when the remote condensing unit used is model TK47BC-CU-A or TK47BC-CU-W (Remote condensing unit is optional. These models can be connected to a medium temperature refrigeration rack system.)

CONSTRUCTION

- The blast chiller cabinet is constructed of four-inch panels with a patented DURATHANE 100% urethane tongue and groove hard rail perimeter, foamed-in-place CFC-free polyurethane insulation with an exterior of polished 304 stainless steel and the interior of mirrored finish 304 stainless steel
- The door is mounted to a heavy-duty reinforced steel “U” channel frame that is foamed in place to provide additional support and rigidity to prevent racking and twisting of the door section
- The door frame is heated to avoid frost buildup and is fully controlled by the unit’s electronic control system

REFRIGERATION SYSTEMS

- All required electrical and refrigeration components are fully assembled on a 304 stainless steel standalone uniframe modular chiller system which allows for quick and easy installation
- Utilizes R-448A refrigerant

CONTROL SYSTEMS

- The TK47 control system is based on the latest microcontroller technology and comes standard with one food probe and one air probe that monitor temperatures and control the unit while operating in the fully automatic mode
- The unit is also fully functional in manual mode
- Various cycles are available: soft chill, hard chill, evaporator defrost, thaw (optional), and ultraviolet light sterilization (optional)
- The controller has a real time clock and storage capabilities for up to 150 recipes for documentation purposes as well as a built-in dry contact for an external alarm/phone dialer connection

ELECTRICAL

- TK47BC-2 is 208VAC, 1Ph, 60Hz, 15 Amps circuit
- Fuse Size: 15 Amps; Cable Size: #14-3 AWG

WARRANTY

The warranty covers parts found to be defective and the labor required to replace them for a period of one year from the date of shipment

OPTIONS & ACCESSORIES

- Insulated Floor
- Exterior ramp
- Serial printer for complete HACCP documentation
- Label printer for complete HACCP documentation
- PC connection for complete HACCP documentation
- SD card for complete HACCP documentation
- Rear door for pass-thru operation
- Remote condensing unit
- Mobile Racks

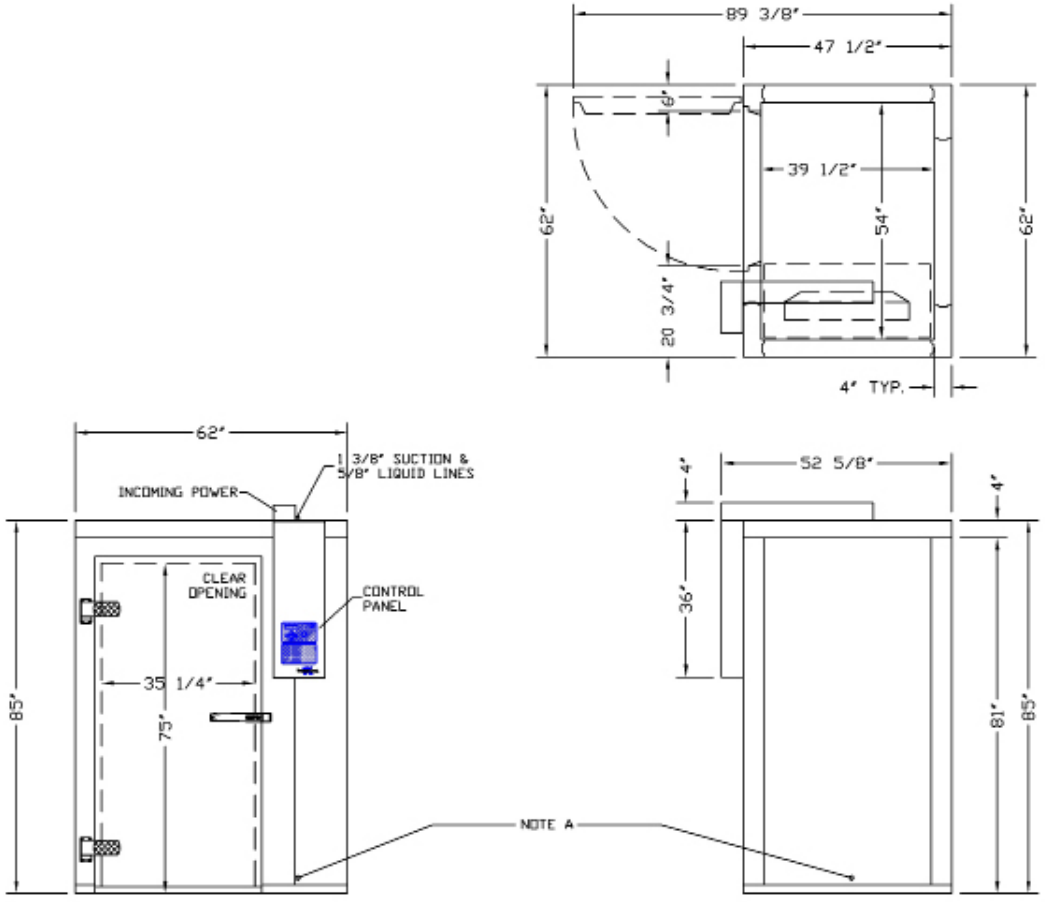
CERTIFICATIONS

ETL LISTED · ETL SANITATION LISTED Intertek · MADE IN USA

Thermo-Kool®
723 East 21st Street, Laurel, MS 39440
Phone: 800-647-7074 | **www.thermokool.com**

Revision B/3/2024
Specifications are subject to change without notice and are not intended for installation purposes.

TK47BC-2
Blast Chiller Roll In



ELECTRICAL SPECIFICATIONS	
TK47BC-2	208VAC, 1Ph, 60Hz, 15 Amps Circuit
PRODUCT LOAD PER CYCLE	
Chills up to 470 lb from 165°F to 37°F within 2 hours	
REQUIRED REFRIGERATION	
70000 Btu/H (20°F Evap. Temp./110°F Cond. Temp.) Medium Temp., R-448A	
REFRIGERATION LINES	
1-3/8" Suction Line, 5/8" Liquid Line	
SHIPPING INFORMATION	
SHIPPING WT. (LBS)	Shipping: 1000
FREIGHT CLASS	110

OVERALL DIMENSIONS	
HEIGHT	85"
WIDTH	62"
DEPTH	52.625"
WEIGHT	1000 lb
DOOR CLEAR OPENING DIMENSIONS	
HEIGHT	75"
WIDTH	35.25"
MINIMUM CLEARANCE	
LEFT/RIGHT/BACK	20"/20"/20"

Due to periodic changes in designs, methods, procedures, policies and regulations, the specifications contained in this sheet are subject to change without notice. While Thermo-Kool® exercises good faith efforts to provide information that is accurate, we are not responsible for errors or omissions in information provided or conclusions reached as a result of using the specifications. By using the information provided, the user assumes all risks in connection with such use.

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