Thermo-Kool®

TK94BC-2
Blast Chiller Roll-In

TK94BC-2

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-404A or R-448A refrigerant**

CONTROL SYSTEMS

- The TK94 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

- TK94BC-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

CAPACITY

- Two angle guide racks, for a total of up to 80 food pans
- Two universal guide racks, holds up to 80 food pans or 40 sheet pans
- Two combi oven racks
- Any size racks up to 35"(W) x 38"(D) x 75"(H)

PERFORMANCE

TK94BC-2 blast chills up to 940 lb of product from 165°F to 37°F within 2 hours when the remote condensing unit used is model TK94BC-CU-A or TK94BC-CU-W (Remote condensing unit is optional. This model 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
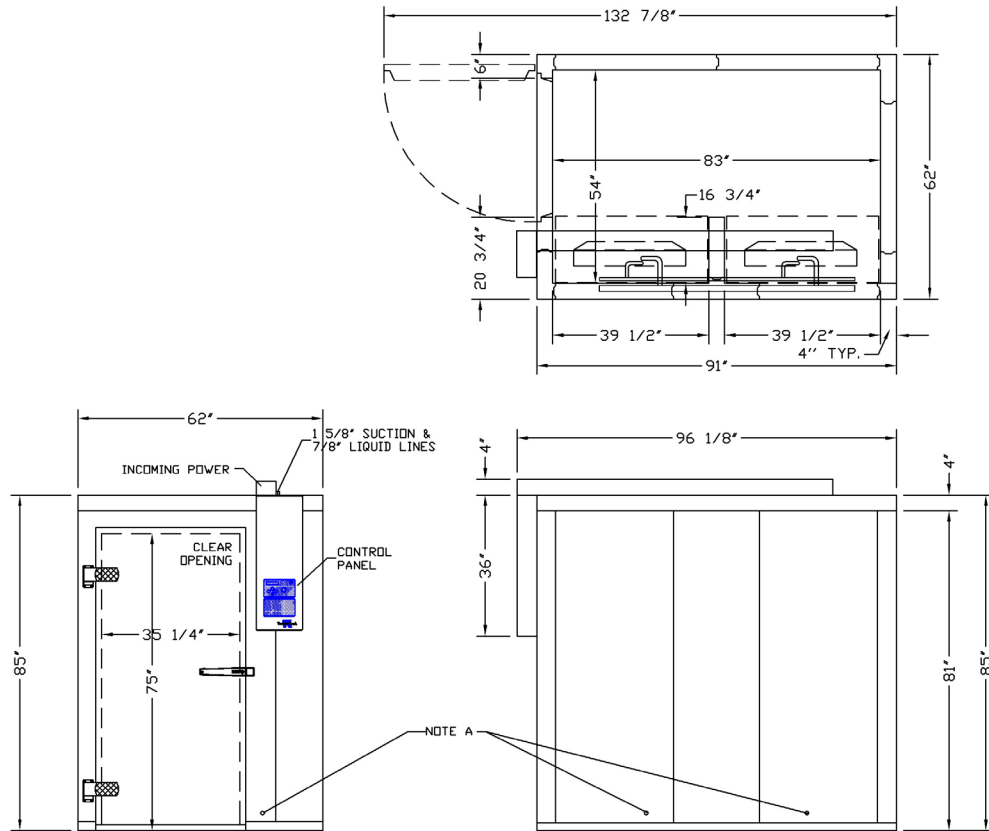
OPTIONS & ACCESSORIES

- 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

Thermo-Kool®

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

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ELECTRICAL SPECIFICATIONS

TK94BC-2	208VAC, 1Ph, 60Hz, 15 Amps Circuit

PRODUCT LOAD PER CYCLE

Chills up to 940 lb from 165°F to 37ºF within 2 hours

REQUIRED REFRIGERATION

116000 Btu/H (20°F Evap. Temp./110°F Cond. Temp.) Medium Temp., R-404A or R-448A

REFRIGERATION LINES

1-5/8" Suction Lines, 7/8" Liquid Line

SHIPPING INFORMATION

SHIPPING WT. (LBS)	Shipping: 1800
FREIGHT CLASS	110

OVERALL DIMENSIONS

HEIGHT	85"
WIDTH	62"
DEPTH	96.125"
WEIGHT	1800 lb

DOOR CLEAR OPENING DIMENSIONS

HEIGHT	75"
WIDTH	35.25"

MINIMUM CLEARANCE

LEFT/RIGHT/BACK	20"/20"/20"