



Project _____

Item No. _____

Quantity _____

TK30BCF-2

Blast Chiller & Shock Freezer Roll-In



TK30BCF-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

TK30BCF-2 blast chills up to 300 lb of product from 165°F to 37°F within 2 hours and shock freezes up to 200 lb of product from 165°F to 0°F within 5 hours when the remote condensing unit used is model TK30BCF-CU-A or TK30BCF-CU-W (Remote condensing unit is optional. These models can be connected to a medium/low 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 unit has a one-inch reinforced floor fabricated of 304 stainless steel as standard.

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 TK30 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

- TK30BCF-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

- Serial printer for complete HACCP documentation
- Label printer for complete HACCP documentation
- PC connection for complete HACCP documentation
- SD card for complete HACCP documentation
- Up to three additional food probes
- Rear door for pass-thru operation
- Remote condensing unit
- Mobile Rack
- Additional prefabricated floor thicknesses available

CERTIFICATIONS



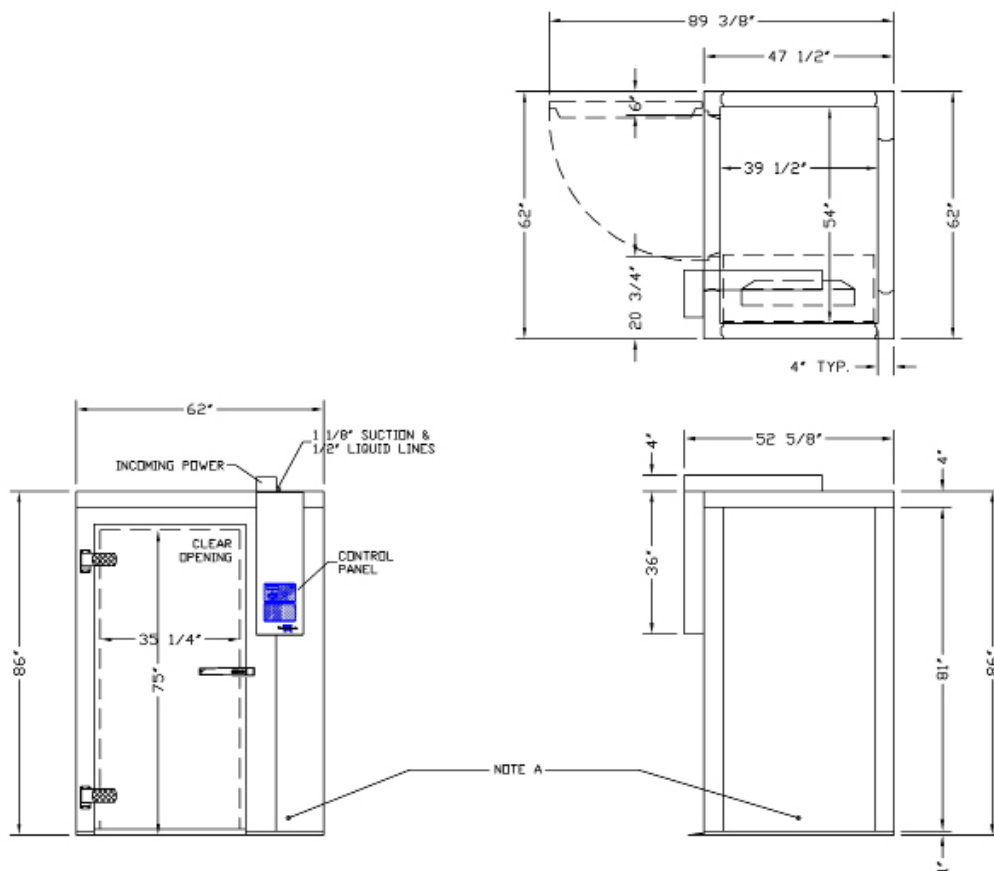
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Revision B/3/2024
Specifications are subject to change without notice and are not intended for installation purposes.



TK30BCF-2

Blast Chiller & Shock Freezer Roll In



ELECTRICAL SPECIFICATIONS

TK30BCF-2

208VAC, 1Ph, 60Hz, 15 Amps Circuit

PRODUCT LOAD PER CYCLE

Chills up to 300 lb from 165°F to 37°F within 2 hours
Freezes up to 200 lb from 165°F to 0°F within 5 hours

REQUIRED REFRIGERATION

46000 Btu/H (20°F Evap. Temp./110°F Cond. Temp.) Medium & Low Temp., R-448A

REFRIGERATION LINES

1-1/8" Suction Line, 1/2" Liquid Line

SHIPPING INFORMATION

SHIPPING WT. (LBS)

Shipping: 1000

FREIGHT CLASS

110

OVERALL DIMENSIONS

HEIGHT

86"

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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