

Project	Quantity	Item #
Model Specified:		CSI Section 11400

## Blast Chillers For Corrections Applications



**Model RBC200-COR01**  
(corrections features not shown)

**Model RBC100-COR01**  
(corrections features not shown)



- |                                  |               |
|----------------------------------|---------------|
| 100 lb. Capacity Reach-In Model  | RBC100-COR01  |
| 200 lb. Capacity Roll-In Model   | RBC200-COR01  |
| 200 lb. Capacity Roll-Thru Model | RBC200R-COR01 |

Traulsen's blast chiller models are designed to quickly cool their respective capacity of hot product through the HACCP danger zone in approximately 90-minutes. They are available already built with all the features needed for use in a corrections environment.

They are optimized for the demanding needs of all security levels, and each is built with microprocessor controls, communications ability and stainless steel cabinet interior/exterior construction.

The correctional package is designed to protect the cabinet from unwanted damage/vandalism, removal of contents or components, as well as from being pushed over (see details below).

Models RBC200 & RBC200RT require a remote condensing unit for blast chill operation.

## High Quality Standard Features

- Stainless Steel Exterior & Interior Construction
- Patented, Easy-to-Use SmartChill® Control System
- One Button EZ-START™ Feature
- Three (3) SmartProbes™ Automatically Record Product Temps
- On-Board Label Printer (prints adhesive labels which can be placed directly on to product containers)
- Communications Capable & NAFEM Data Protocol Compliant
- On-Board Batch Data Printer
- Three (3) Chilling Functions
  - 1) Blast Chill (135° to below 41°F in approx. 90-minutes)
  - 2) Soft Chill (for use with delicate products)
  - 3) Freeze (target temp can be set for as low as -22°F)
- Three (3) Chilling Modes For Each Chilling Functions
  - 1) By Temperature
  - 2) By Product
  - 3) By Time
- Automatic Refrigerated Hold Mode After Each Cycle
- Dual Refrigeration Systems
- Magnetic Door Gaskets
- Stainless Steel Breaker Caps
- Self-Closing and Stay Open Door Features
- Horizontal Work Flow Door Handle(s) Guaranteed for Life
- Automatic Defrost With On-Demand Feature
- Adjustable Product Chill Target Temperatures
- Adjustable Product Holding Temperature
- One Year Parts/Labor Warranty
- Five Year Compressor Warranty

## Corrections Feature Package

- Lexan Control Cover Protects This From Damage While Allowing Full Visibility & Use
- Stainless Steel Screen Protects The Refrigeration System From Damage or Unwanted Removal of Components
- Use of Safety Screws Throughout Secures All Cabinet Components From Unwanted Removal
- Locking Hasps Secure Cabinet Contents (padlocks supplied by others)
- No Hinge Covers
- 5 Pairs Universal Type Tray Slides Welded to a Fixed Frame
- 6" High Stainless Steel Flanged Legs To Allow Secure Mounting To Floor (RBC100 only)

## Options & Accessories

- One or Two Day On-Site Blast Chill Training
- Electric Condensate Evaporator
- Remote Condensing Unit (RBC200 & RBC200RT only)
- SmartChill® Communications Software Package
- Communications Gateway (required for use within a NAFEM Data Protocol compliant network)
- Modification For Use With Combi Oven Racks
- Two Year Service Labor Warranty Available



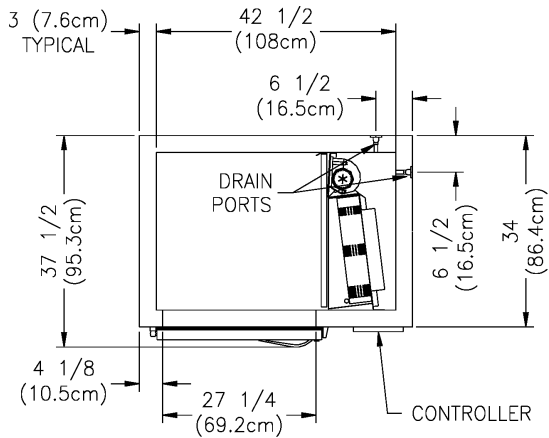
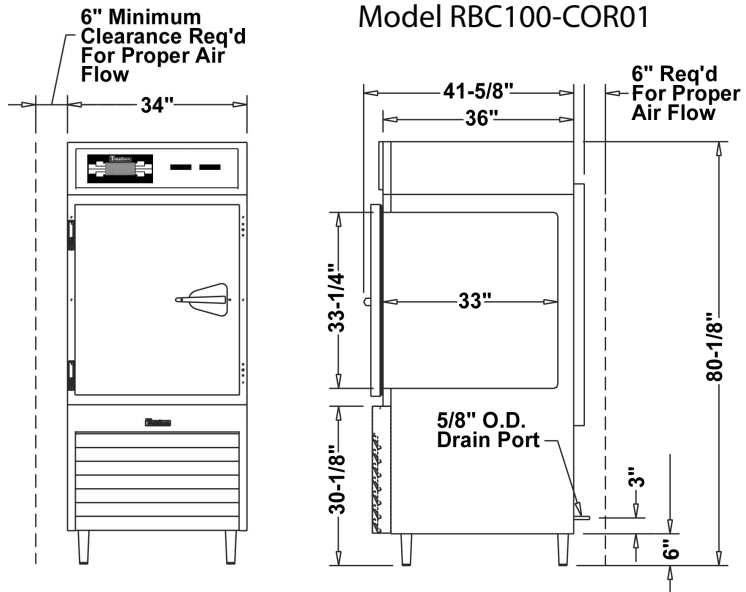
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Approval: \_\_\_\_\_



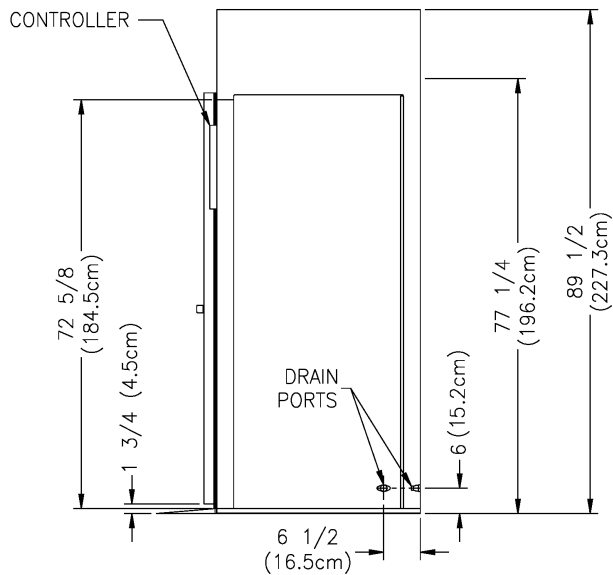
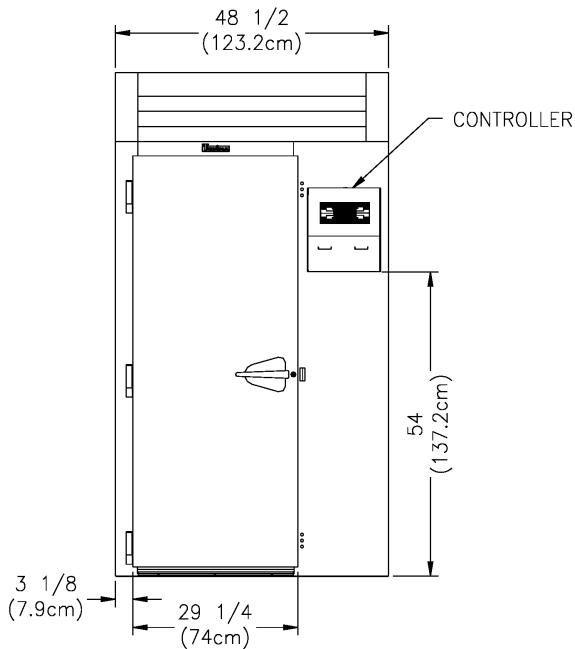
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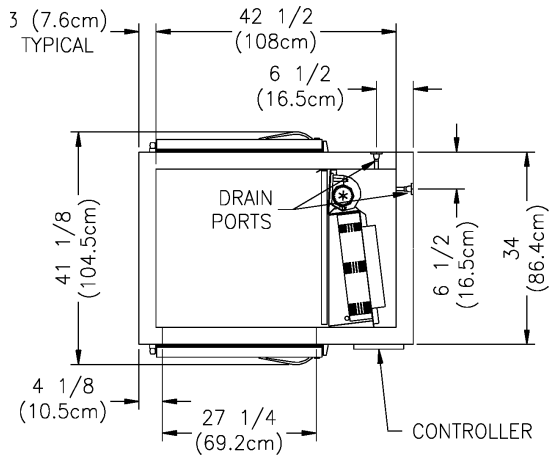
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**Model RBC200-COR01**

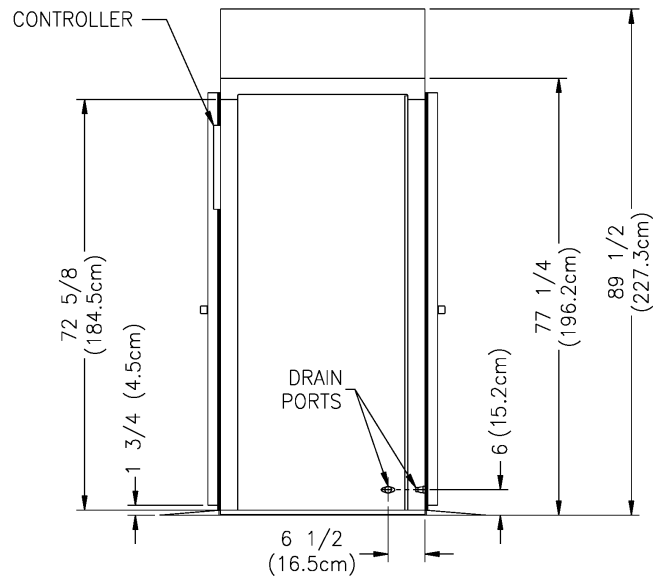
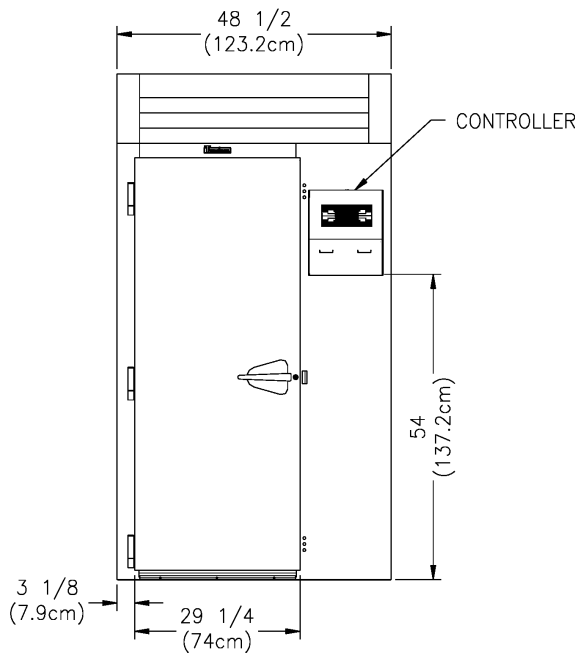
**NOTE:** UNIT REQUIRES CONDENSATE REMOVAL VIA FLOOR SINK OR OPTIONAL CONDENSATE EVAPORITIVE PAN KIT.





### Model RBC200R-COR01

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### RBC100 Specifications

#### Hardware, Insulation and Construction

Exterior and interior are constructed of stainless steel, except the exterior bottom which is constructed of heavy gauge aluminized steel. Door includes a locking hasp and guaranteed for life cam-lift, self-closing hinges with stay open feature at 120°. Guaranteed for life work-flow, door handle is mounted horizontally over recess in door which limits protrusion from door face into aisle ways. Easily removable for cleaning, vinyl magnetic gasket assures tight door seal. Both cabinet and door are insulated with high density, non-CFC foamed in place polyurethane.

#### Refrigeration System

Dual refrigeration systems are utilized in order to prevent short cycling, providing for energy efficient operation and maximizing compressor life. These combine their efforts through a unique air circulation system within the food zone. During Blast Chill cycles both systems are in full operation. At the completion of any chill or freeze cycle, one refrigeration system remains in use to maintain proper refrigerated storage temperatures. Each unit requires provision of a floor drain or optional condensate evaporator for condensate removal.

#### Interior

Five pairs of tray slides to accommodate two each 12" x 20" x 2½" pans for a total capacity of ten pans is provided standard. These tray slides also have the ability to hold one each 18" x 26" pans, for a total of five pans in place of the 12" x 20" x 2½" pans.

DIMENSIONAL DATA	RBC100
Net Capacity cu. ft.	19.72
Pan Capacity 18" x 26"	5
Pan Capacity 12" x 20" x 2½"	10
Length - Overall in.	34
Depth - Overall in.	41⅝
Height - Overall on 6" Legs	80⅝
ELECTRICAL/REFRIGERATION DATA	
Voltage	208-230/115/60/1
Full Load Amperes (min.circuit ampacity)	15.1 (20)
Refrigerant	R-404A
BTU/HR (HP) Blast Chill Compressor	5460 (1¼ HP)
BTU/HR (HP) Holding Compressor	2280 (½ HP)

### RBC200/RBC200RT - Specifications

#### Construction, Hardware and Insulation

Exterior and interior are constructed of heavy gauge stainless steel, except the exterior top and bottom which are constructed of heavy gauge galvanized steel. The interior floor is constructed of stainless steel and insulated with ¾" of resilient cork. Door(s) are equipped with guaranteed for life cam lift hinges with stay open feature at 120°. Door includes a locking hasp. Easily removable for cleaning, vinyl magnetic gasket assures tight door seal. Both cabinet and door are insulated with high density, non-CFC foamed in place polyurethane.

#### Refrigeration System

Dual refrigeration systems are utilized in order to prevent short cycling, providing for energy efficient operation and maximize compressor life. At the completion of any chill or freeze cycle, one refrigeration system remains in use to maintain proper refrigerated storage temps. Requires a separate 4 HP remote condensing unit for blast chill operation, and a floor drain or optional condensate evaporator for condensate removal.

#### Controller

The patented SmartChill® microprocessor system operates using a familiar "ATM" type interface, providing for ease of training and use. The control allows the chiller to be operated in any one of three different chilling functions, and in any one of three modes. HACCP documentation is facilitated by two on-board printers which record all required product chill cycle information. This same data can also be downloaded to a PC using optional SmartChill® communications software (available from Traulsen) or via optional NAFEM Data Protocol Compliant hardware and software (by others). An instructional DVD is included.

#### Roll-In Racks

Readily removable, interior mounted stainless steel guides for rack are provided. Maximum rack size with wheels inboard of frame is 27" wide by 29" deep by 72" high (racks by others).

#### Warranties

A one year parts and labor warranty on all components and the cabinet, and an additional four year parts only warranty on the ¾ HP maintenance compressor are provided standard. Additional warranties are available at extra cost.

An on-site service validation is provided by an authorized agent at no-charge upon installation in order to insure proper operation.

DIMENSIONAL DATA	RBC200	RBC200RT
Net Capacity cu. ft.	35	35
Rack/Pan Capacity (12" x 20" x 2½")	1/26	1/26
Length Overall in.	48½	48½
Depth - Overall in.	37½	41⅝
Height - Overall in.	89½	89½
ELECTRICAL/REFRIGERATION DATA		
Voltage	115/60/1	115/60/1
Full Load Amperes (min. circuit ampacity)	15.2 (20)	15.2 (20)
Refrigerant	R404a	R404a
BTU/HR (HP) - Holding Compressor	3880 (¾ HP)	3880 (¾ HP)
REMOTE REFRIGERATION DATA		
Refrigerant	R-404a	R-404a
Voltage	208-230/60/1	208-230/60/1
Recommended BTU/HR - HP	18,700 - 4 HP	18,700 - 4 HP

#### REMOTE COMPRESSOR NOTES:

- 1 -Remote compressor installation required by others. Traulsen provides an service agent validation upon completion of remote system installation at no-charge (call 800-825-8220 in order to arrange this).
- 2 - Remote compressor includes a five year warranty if purchased from Traulsen.



Equipped With One NEMA 5-20 P Plug

NOTE: Full load amps and plug style may vary depending on electrical options chosen and condensing unit employed.

#### REQUIRED CLEARANCES

In order to assure optimum performance, the condensing unit **MUST** have an adequate supply of air for cooling purposes. Therefore, the operating location must either have a minimum of 12" clearance overhead of the condensing unit or allow for unrestricted air flow at the back of the unit. Clearance of at least 12" above is required in order to perform certain maintenance tasks.

Continued product development may necessitate specification changes without notice.

Part No. TR35915 (revised 4/10)

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