



Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Item #: \_\_\_\_\_  
 Quantity: \_\_\_\_\_

## Remote Roll-In Blast Chiller

**VBC MODELS — VBC-175**  
 Stainless Steel **VBC-220**  
 Exterior and Interior **VBC-350**

### Blast Chill/Storage Refrigerator



Model shown with optional insulated floor and ramp.

**VBC-175**

### Standard Features

- Two Operational Functions:
  - Blast Chill Processing Refrigerator
  - +38°F Storage Refrigerator
- E-Z Blast™ Microprocessor Control Panel:
  - Blast Chill Cycle Controlled Automatically by Either a Food Probe or Digital Timer
    - Two (2) Preset Chill Times: 90, 240 Minutes
    - Soft Chill and Hard Chill Options
    - Three (3) Food Probes with Digital Temperature Indication
  - Cabinet Temperature Digital Display
  - Food Temperature Digital Display
  - Defrost Mode Indicator
  - On/Off, Blast Chill Cycle and Cancel Buttons
  - Diagnostic Trouble Shooting Capability
    - High and Low Temperature Alarm
    - Power and Component Failure Alarms
- HACCP Data Logger System Records, Stores and Prints Temperature Data up to 7 Days
  - After Termination of Chill Mode
  - After Cancellation of Chill Mode
  - Daily at Midnight
  - Seven (7) Day History on Demand
  - Built-In Thermal Printer
- Compartment Accepts One (1) Roll-in Cart 27" Wide x 40" Deep x 72" High
- Complies with FDA, NSF 7 and HACCP Guidelines
- Defrost on Demand or Automatic Defrost
- Environmentally Friendly R-134a Refrigerant
- 3" of Environmentally Friendly ODP Zero Polyurethane Foam Injected Insulation

### Optional Features and Accessories

- Reverse Door Swing (factory install only)
- Roll-thru (specify door swing)
- Indoor/Outdoor Remote Condensing Units
- Insulated Floors (Adds 3 1/2" to Height)
- Stainless Steel Floor Ramps
- Stainless Steel Roll-In Rack (Single Section)
- HACCP Monitoring
- Rapid Freeze Option Available (Consult Factory)

### Note: Extra Wide Doors for Combi Oven Racks

are available. Outside Dimensions become 65.8" W x 49.3" D x 98.2" H. Clear Door Opening becomes 35.43" W x 73.8" H

### Roll-In Rack

Stainless steel removable rack guides protect wall panels from damage. Optional racks are available from the factory. Maximum rack size is 27" wide x 40" deep x 72" high exterior dimensions including casters.

Large foodservice operations benefit from a chilling capacity of 175, 220, and 350 lbs of food product to +38°F in about 90 minutes.

### Refrigeration System

Cabinets require a single remote condensing unit or the equivalent to support operation. A remote indoor/outdoor condensing unit is available from the factory or third party suppliers. Consult price list for selections.

The self-contained top mounted refrigeration system allows for use as a +38°F storage refrigerator. Expansion and solenoid valves are standard. An external drain line run is required to remove condensate water.

### Controls

Unique E-Z Blast™ 1-2-3 microprocessor control panel initiates blast cycles in three simple steps. Model features built-in alarms and can control the chilling process with the temperature probes or a digital timer, which can be programmed with two preset chilling times for specific food products.

HACCP Data Logger System records, stores and prints temperature data for up to 7 days in accordance with HACCP guidelines. Its built-in thermal printer provides simplified

documentation and HACCP record keeping.

May be used with optional NAFEM Data Protocol compliant documentation software for HACCP monitoring to transfer data from kitchen to a remote Windows® compatible computer system. Program is available from the factory and many third-party suppliers.

### Cabinet

Exterior is heavy gauge stainless steel front, back, sides and door. Galvanized steel top. Interior is heavy gauge stainless steel with radius corners. 3 1/2" of environmentally friendly ODP Zero Polyurethane foam injected insulation throughout the cabinet ensures the ultimate in energy efficiency.

### Doors

Door is hinged right and cannot be site reversed. Standard with flush recessed handle, hydraulic closer, magnetic gasket, heater and self-closing hinges with a 90° "stay open" feature.

### Construction

Roll-in Blast Chillers are made from walk-in type cam-lock panels and are delivered knocked down for ease of installation. Panel assembly is required on site.

Approvals:



SANITATION LISTED  
 REFRIGERATORS  
 AND STORAGE  
 FREEZERS  
 CONFORMS TO NSF STD 7



ETL LISTED  
 COMMERCIAL  
 REFRIGERATORS  
 AND FREEZERS  
 CONFORMS TO UL STD 471

Victory Refrigeration specification sheets are available online at [www.victoryrefrigeration.com](http://www.victoryrefrigeration.com).

| CHARACTERISTICS          | VBC-175      | VBC-220      | VBC-350      |
|--------------------------|--------------|--------------|--------------|
| Capacity (lbs./90 mins.) | 175 lbs      | 220 lbs      | 350 lbs      |
| Width, Overall           | 57.95"       | 57.95"       | 57.95"       |
| Depth, Overall           | 49.3"        | 49.3"        | 49.3"        |
| Depth, Door Open 90°     | 76.85"       | 76.85"       | 76.85"       |
| Height without Floor     | 98.2"        | 98.2"        | 98.2"        |
| Height with Floor        | 101.7"       | 101.7"       | 101.7"       |
| Clear Door Width         | 27.5"        | 27.5"        | 27.5"        |
| Clear Door Height        | 73.8"        | 73.8"        | 73.8"        |
| No. of Carts (Optional)  | 1            | 1            | 1            |
| Cabinet Voltage          | 208-230/60/3 | 208-230/60/3 | 208-230/60/3 |
| Feed Wires (with Ground) | 3            | 3            | 3            |
| Total Amperes            | 16           | 16           | 16           |

**Note:** The self-contained refrigeration system is top mounted for the storage cycle. This avoids short cycling of the stand alone condensing unit when in the +38°F storage mode. All roll-in models require remote refrigeration.

**CRATED DIMENSIONS AND WEIGHTS**

|         | Height | Width | Depth | Weight†  |
|---------|--------|-------|-------|----------|
| VBC-175 | 72"    | 90.5" | 59"   | 1158 lbs |
| VBC-220 | 72"    | 90.5" | 59"   | 1158 lbs |
| VBC-350 | 72"    | 90.5" | 59"   | 1158 lbs |

†Add 88lbs per roll-in rack ordered.

**STORAGE REFRIGERATION DATA**

|         | Refrigerant | Compressor | BTUH* |
|---------|-------------|------------|-------|
| VBC-175 | R-134a      | 1/3 H.P.   | 2207  |
| VBC-220 | R-134a      | 1/3 H.P.   | 2207  |
| VBC-350 | R-134a      | 1/3 H.P.   | 2207  |

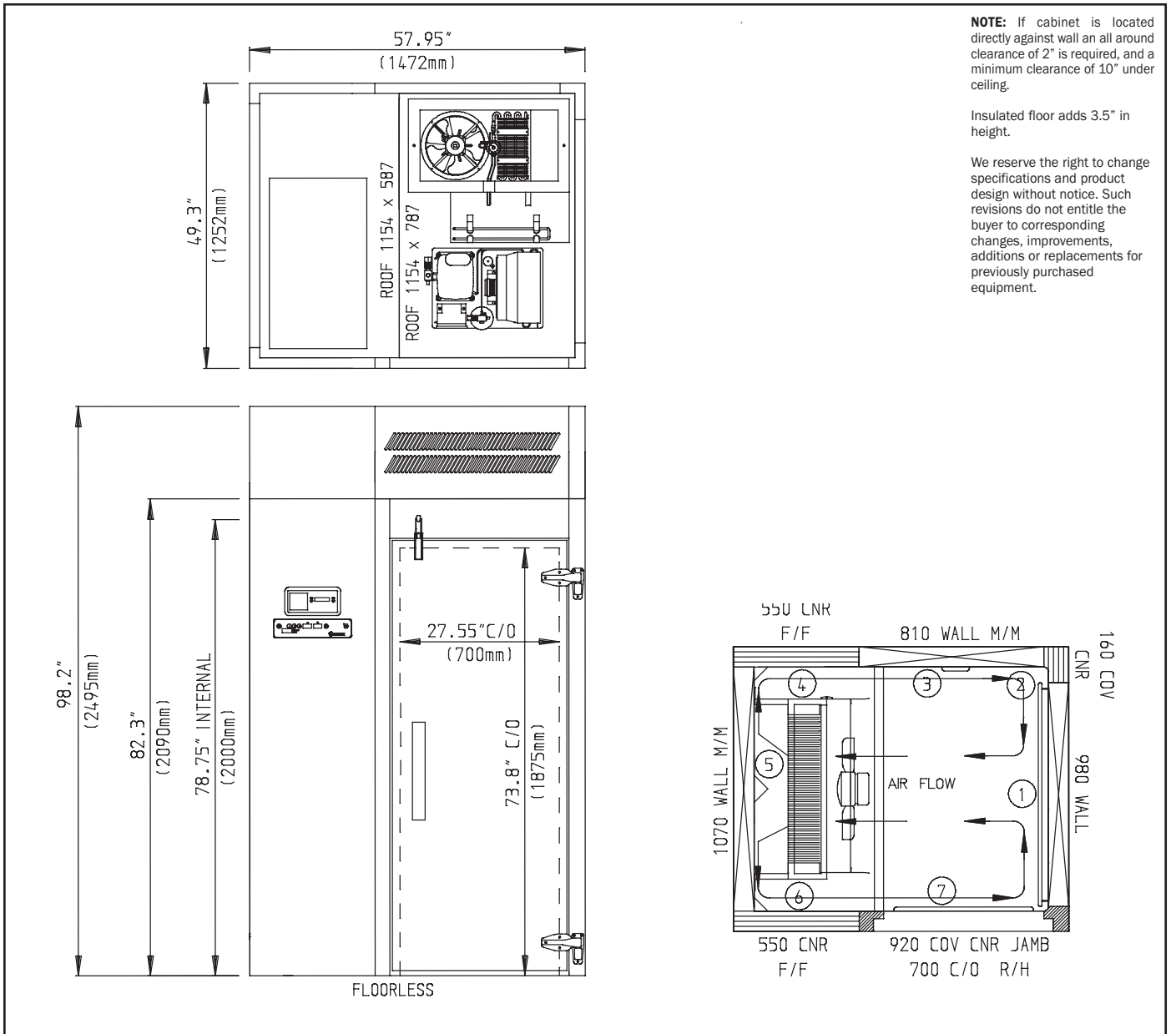
\*BTUH @ 100°F. Ambient, +25°F. Evaporator

**REMOTE BLAST CHILL REFRIGERATION DATA**

|         | Refrigerant | Liquid Line Size | Suction Line Size | BTUH*  |
|---------|-------------|------------------|-------------------|--------|
| VBC-175 | R-404A      | .5               | 1.125             | 22,350 |
| VBC-220 | R-404A      | .5               | 1.125             | 29,330 |
| VBC-350 | R-404A      | .5               | 1.125             | 44,000 |

\*BTUH @ 90°F. Ambient, +5°F. Evaporator

Dimensional tolerance ± .25" Metric dimensions (mm)



Continuous product development may necessitate specification changes and design without notice.



Victory participates in the KCL CADalog, the most current source of CAD symbols for foodservice designers worldwide. Symbols include standard equipment in plan, side, front and 3-D views, layered for FEDA/FCSI recommended guidelines.