**BLAST CHILLER / SHOCK FREEZER**

Provide one (1) **Reach-In Blast Chiller/Shock Freezer**, Self-Contained, Model **VBCF-12-100U** as manufactured by **Victory**. Unit shall be furnished with all standard features as follows:

* Overall dimensions to be 33.5”W x 33.5”D x 71”H with stainless steel adjustable legs.
* Type 304 stainless steel construction on external sides, top and interior.
* Die-formed interior floor shall have rounded corners and central drain for easy cleaning.
* High density foamed-in-place CFC and HCFC free expanded polyurethane insulation.
* Anti-condensate perimeter heating around door opening.
* Non-toxic epoxy coated evaporator coil.
* One heated, high precision 4-point multi-sensor core probe.
* Ergonomic vertical door handle and door shall be made of Type 304 stainless steel. Snap-in-place magnetic door gasket. Self-closing door to have hold open stop at 100°. Micro-switch control cuts out the evaporator fan and compressor whenever the door is opened.
* The self-contained refrigeration system shall use R404A refrigerant and shall feature a hermetically sealed compressor with overload protection. An evaporator fitted with a high flow rate fan will insure maximum cooling efficiency. Indirect air flow shall assure highest product quality. Manual defrosting with door open on a timed cycle.
* Stainless steel wire guide rack shall allow for maximum air circulation and can be easily removed without tools for cleaning. Unit shall be sized to accommodate up to twelve (12) 18” x 26” x 1” pans spaced on 2.56” centers.
* Chilling capacity in 90 minutes shall be 100 lbs., and freezing capacity in 240 minutes shall be 70 lbs.
* Highly visible and ergonomically positioned (recessed in door front) electronic control with LCD display shall insure precise control of Blast Chilling (194°F to 37°F in 90 minutes) or Shock Freezing (194°F to 0°F in 240 minutes). One touch hard and soft automatic blast chilling or shock freezing cycles based either on core probe temperature or timed cycle.
* Automatic recognition of the core probe and automatic conservation mode at the end of the cycle.
* One touch display of HACCP alarms (power failure, cycle time out of HACCP required time, high temp, low temp) recorded in memory. Will record up to 10 alarm events before overwriting and will keep the data for a minimum of 48 hours in case of a power failure.
* On board program memory holds 99 total programs.
* Adjustable Evaporator Fan Speed button allows for regulation of the fan during the blast chilling or shock freeing cycle.

Electrical requirements:

* 208-240V/60/3Ph, 9.0 amps, 2-3/4 HP, NEMA 15-20P

Warranty:

* 3 Years Parts and Labor
* 5 Year Compressor Warranty

Additional requirements:

* Eligible bidder must visit the installation site.
* Alternates must be submitted for approval 10 days prior to bid opening.
* Successful bidder to deliver, uncrate, set in place, level and remove crating.
* Final connections by Others.