## **BATCH FREEZER**



- Two parallel refrigeration systems reduce energy and water consumption.
- Vertically oriented freezing cylinder provides high capacity, and maximum energy efficiency.
- Large diameter freezing cylinder facilitates extremely fast freezing times, resulting in very small ice crystal formation.
- Easy cleaning and simple assembly of beater parts.
- Low-cost, long wearing, NSF approved plastic beater blades minimize frequent and costly blade replacement.
- Heavy-duty stainless steel beater shaft built to withstand years of use.
- Clear acrylic freezing cylinder cover allows monitoring of product while freezing.
- Easy access to freezing cylinder when adding variegates and particulates.
- Thorough mixing of variegates and particulates unachievable to horizontal barrels.
- All controls and indicators conveniently grouped in a single panel, on the front of the freezer.
- All buttons and indicators identified by easily understood symbols relative to their function.
- Time/temperature controlled freezing achieves same smooth texture and product consistency across full and partial batches, a feature not possible with consistency controlled freezers.
- Swing gate style, stainless steel extraction door design provides rapid extraction of product.
- Two robust 5 horsepower, semi-hermetic compressor, engineered for high quality and outstanding reliability.



| SPECIFICATIONS                         | MODEL VB120   |  |
|--|---|--|
| DIMENSIONS<br>Depth<br>Width<br>Height | FREEZER<br>30.7" (78 cm)<br>21.7" (55 cm)<br>47.2" (120 cm)   | WITH CRATE<br>34.3" (87 cm)<br>24" (61 cm)<br>62.2" (158 cm) |
| WEIGHT                                 | FREEZER<br>814 lbs. (369 kg)  | WITH CRATE<br>864 lbs. (392 kg)                              |
| ELECTRICAL                             | 3 phase, 208-230 volt, 12 kW, 60 Hz<br>Approximately 48 total running amps.<br>60 amp fuse, HACR circuit breaker. |  |
| REFRIGERANT                            | R404A HFC environmentally friendly refrigerant  |  |
| COMPRESSOR                             | 2 compressors, 5 H.P. semi-hermetic   |  |
| BEATER MOTOR                           | 9.1 H.P. (7.6 H.P. on extraction)   |  |
| COOLING                                | Water-Cooled.<br>Water cooled condensor requires 3/4" N.P.T. on water and drain fittings.                         |  |
| CYLINDER CAPACITY                      | 11.25 gallons (45 quarts, 42.58 liters)   |  |
| LIQUID MIX PER BATCH                   | 5 minimum, 19 maximum Quarts  |  |
| WORKING CYCLE                          | 5 to 12 minutes   |  |
| HOURLY PRODUCTION                      | 31.7gallons (120 liters) on average   |  |

Continuous research leads to ongoing product improvements; therefore, these specifications are subject to change without notice.

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WARRANTY



One-year parts and labor warranty. Two-years parts warranty on

freezing cylinder, compressor, drive motor, gearbox and agitator shaft.

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