

# SPECIFICATIONS

 **THERMO KING**

## SPECIFICATION SHEET SUPERFREEZER



### STANDARD FEATURES

- 10' or 20' box sizes to operate as low as -70°C
- Dual compressor cascade technology
- Operates electrically with 360-500 Volt 50 or 60 Hz power supply
- Advanced MP-3000 controller
- Internal overhead light
- Door curtains
- Alarm button with audio and visual warnings

### OPTIONS

- Telematics allows for two-way communication
- Generator set to operate on diesel power

# SUPERFREEZER SYSTEM PERFORMANCE

## REFRIGERATION CAPACITY

| Capacity @ 460V/60Hz and 37.8°C (100°F) ambient | BTUs/hr | Watts |
|---|---------|-------|
| -30°C (-22°F)                                   | 28,100  | 8,250 |
| -60°C (-76°F)                                   | 19,900  | 5,850 |
| -70°C (-94°F)                                   | 13,200  | 3,880 |

## Temperature Management

|                      |                |
|----------------------|----------------|
| Temperature Accuracy | ±1 °C (±1.8°F) |
|----------------------|----------------|

## Electricity

|                 |  |
|-----------------|--|
| Power Supply    | 400 to 500 Volt 3 Phase 60 Hz<br>360 to 460 Volt 3 Phase 50 Hz |
| Circuit breaker | 32 amp   |
| Max power draw  | 19 kw  |

## Dimensions

| Internal (L x W x H) |                   |
|----------------------|-------------------|
| 10'                  | 92" x 84" x 87    |
| 20'                  | 213" x 81" x 85"  |
| External (L x W x H) |                   |
| 10'                  | 117" x 96" x 102" |
| 20'                  | 238" x 96" x 104" |

## System Weight

|            |                        |
|------------|------------------------|
| 10' Weight | 26,455 lbs (12,000 kg) |
| 20' Weight | 52,910 lbs (24,000 kg) |

## System Noise

|             |          |
|-------------|----------|
| Noise level | 80 db(A) |
|-------------|----------|

## Refrigerant

| Refrigerant | Charge  |
|-------------|---------|
| R-134A      | 7.7 lbs |
| R-23        | 7 lbs   |