

Roll-In Blast Chiller / Shock Freezer MultiFresh Model MF 100.1

MF 100.1

... YOUR TRUSTED KITCHEN ASSISTANT

The **IRINOX Model MF 100.1 Blast Chiller / Shock Freezer** shall have the following characteristics: Capacity – one (1) single roll-in rack: up to (20) 12"x20"x 2-1/2" steam table pans; controller – shall feature the following control paths: standard mode for chilling or freezing, dynamic mode for chilling or freezing (icon driven) and personalized modes for chilling or freezing customer specific products; core probe – multi-sensor product core temperature probe with five (5) measuring points and "easy-out" feature; plus all the standard features listed below.



Model MF 100.1

Item No. _____
 Qty. _____
 Project _____

Standard Construction Features:

- All type 304 stainless steel construction
- CFC-free high-density polyurethane insulation
- Full width door with low-temperature resistant magnetic gasket
- Die-stamped interior door liner to magnetically store core probe
- Ergonomic edge-free stainless steel door handle
- Integrated single compressor and condenser
- Approved R404 refrigerant used in sealed system
- High efficiency evaporators with multiple injection points
- Luminous display with intuitive work-path controls
- USB port for data transfer to HACCP software, internal software upgrades and individual program uploads
- Door hinged right (standard)
- End-of-cycle hold mode
- Energy-efficient, air-cooled, remote condenser

Sizing & Unit Production Guide MF 100.1

| | |
|---|----------|
| Capacity: (12"x20"x2-1/2") steam table pans | 20 |
| Pan Spacing: | 2-3/4" |
| Blast Chilling Capacity (194F to 37F)*: | 220 lbs. |
| Shock Freezing Capacity (194F to 0F)*: | 220 lbs. |
| * Per production cycle (depending on product density): Blast chilling ... up to 90-minute cycle Shock freezing ... up to 240-minute cycle | |

Unique Design and Performance Features:

- 4 cycles in standard mode, 39 product specific cycles in dynamic mode; ability to record up to 20 replicable cycles into customized recipe book
- 30-40% more energy efficient, with faster chilling times - all while preserving the freshness and fragrance of the food
- Electronically controlled fans with low power consumption; fans stop automatically when door is open
- Indirect air distribution and special airflow pattern to ensure perfect temperature uniformity
- Moisture preservation system by "delta-t" control
- Smudge-resistant controller touch pad
- Easy access to washable evaporators and waterproof fans

Options and Accessories (Please check):

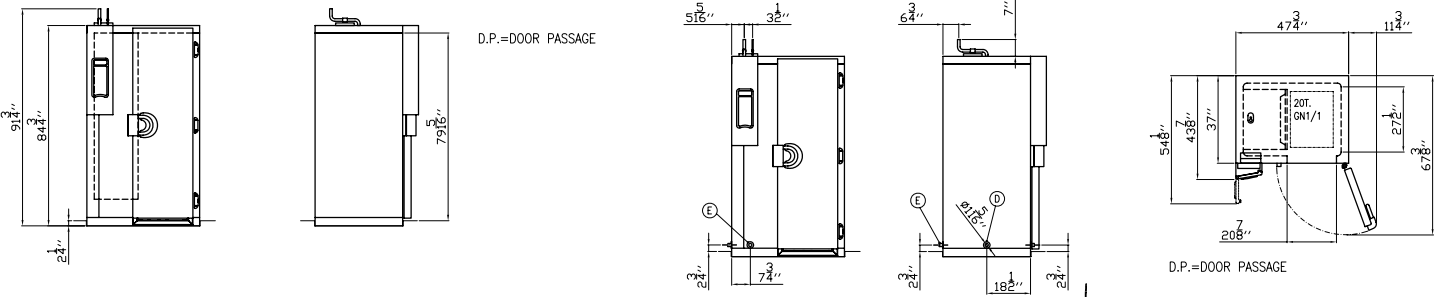
- Sous-vide pouch core temperature probe
- Prison package
- Door hinged left
- Rolling rack: (20) 12"x20"x2-1/2" steam table pans
- SANIGEN sanitation system
- Water-cooled, remote condenser
- Portable HACCP data printer
- HACCP software
- Additional food temperature core probe (up to 2)
- 5 year compressor warranty

Product Warranty Protection:
 - 1 year, parts and labor



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| Cabinet Dimensions and Weight | Sunken Floor | External Ramp |
|---|---------------------|----------------------|
| Width | 48" | 48" |
| Depth | 44" | 62" |
| Height | 82-3/4" | 85" |
| Weight (unit) | 880 lbs. | 880 lbs |
| Weight (crated) | 1020 lbs. | 1020 lbs |
| Cabinet Electric Data / Power Requirements | | |
| 208V 60 Hz 3 Phase | | 2.1 HP |
| 208V 60 Hz 3 Phase | | 5.2 A |

[D] Drain Connection: 1-1/2" ID [Per local codes]

Installation Notes:

1. Installation and charging of refrigeration lines are the responsibility of owner or installation contractor.
2. 5 wires # 14AWG must be installed by owner or installation contractor between the chiller and the condenser unit. The connection should be performed according to the electrical diagram.
3. If installed outdoors, condenser unit should be protected from direct sunlight and provided with a minimum of 40" air space
4. If installed over 75' from chiller, installer must contact IRINOX USA for proper refrigerant pipe sizing

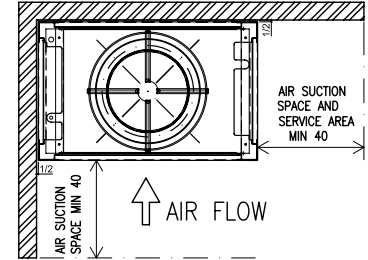
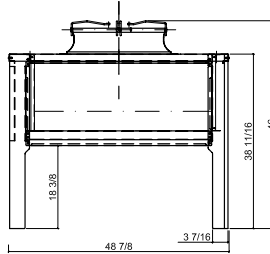
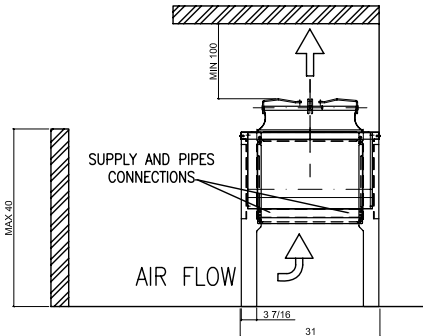
Continued product development may necessitate specification changes without notice.

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Remote Condenser, Air - Dimensions and Weight

| Condenser: For Chiller | Unit 605 A | Crated 605 A |
|---------------------------|---------------|-----------------|
| Width | 48-3/4" | 60-1/4" |
| Depth | 30-3/4" | 34-1/4" |
| Height | 54-3/4" | 66-7/8" |
| Weight | 595 lbs | 695 lbs |

Condenser Unit Electric Data / Requirements

| | |
|----------------------|--------------|
| Model | 605 A |
| Voltage / Phase / Hz | 208/3/60 |
| Total KW | 9.7 |
| Total HP | 13.0 |
| Amps | 33.0 |

Key Refrigeration System Data

| | |
|--|-----------------|
| Compressor rating (HP) | 6 |
| Refrigeration Yield (14/+104F) (BTU/HR)* | 49,965 |
| Remote Condenser | Standard |
| Refrigerant Type | R404A |
| Discharge Connection | 1/2" |
| Suction Connection | 1-1/8" |
| Start Current (Locked Rotor) | 71 A |
| Displacement | 968 cu.ft /hour |

* Sized to a 14 F suction line, 104 F liquid line

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