MultiFresh® MASS CATERING





A NEW KITCHEN ASSISTANT

All you need in the kitchen in only one machine

The multi-function blast chiller MultiFresh® is your new kitchen assistant. It is the first kitchen tool capable of managing functioning cycles from +185°F to -40°F, ensuring the ideal temperature and ventilation for each function.

MultiFresh® makes your life easier: it chills, shock freezes and pasteurizes, preserving the food better and for longer. It thaws, regenerates, proofs and cooks at a low temperature, preserving quality and leaving taste intact.



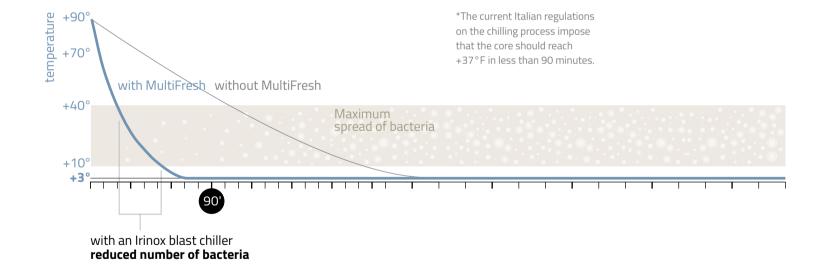
BLAST CHILL FASTER FOR SAFER AND MORE NUTRITIOUS FOOD



BLAST CHILLING +37°F

Fast blast chilling blocks food aging, avoids oxidization and reduces bacterial proliferation. MultiFresh® takes the core of your food to +37°F faster than any other blast chiller, reducing the loss of weight caused by evaporation, and preserving nutrients.

chilled at +37°F in 30/40 minutes



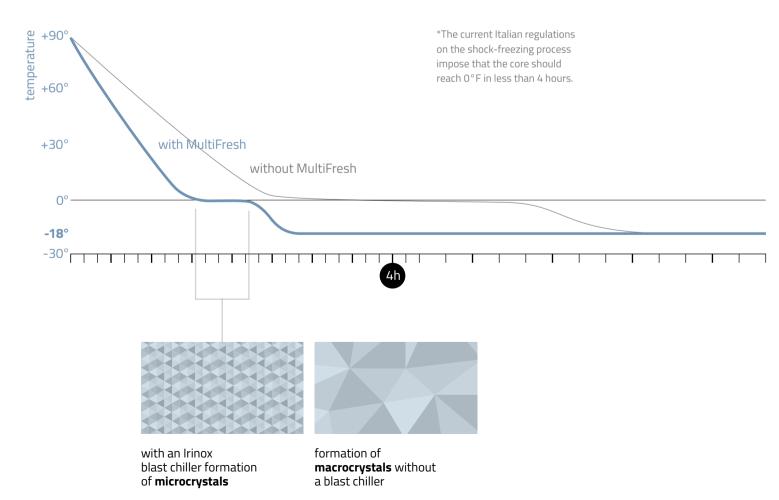
SHOCK FREEZE SAFELY AND PRESERVE EVERY KIND OF FOOD FOR LONGER



SHOCK FREEZING O°F

Ordinary shock freezing methods transform the liquids in food into macrocrystals which damages its structure. MultiFresh®'s ultra-fast shock freezing gets the food core to 0°F at a higher speed, leading to the formation of microcrystals that preserve the organoleptic properties of the food.

PRAWNS
frozen at 0°F
in 40 minutes



MF SPECIAL FUNCTIONS FOR MASS CATERING

thawing **45 LB OF MEAT COOKED ON A ROASTING PAN** thawed in two hours and 30 minutes

regeneration

low temperature cooking

pasteurization

proofing

holding

MultiFresh® enables you to manage temperature, ventilation and the thawing time of your food before you use it. This process takes place in a sanitized chamber that **slows** bacterial proliferation and preserves food structure.

by preserving the natural humidity of the product and avoiding **oxidization**. Set the required time for serving your menu, and MultiFresh® will take your food from +37°F to the temperature you prefer.

45 LB OF LASAGNA

regenerated in an

MultiFresh® regenerates your food

MultiFresh® makes the different phases of low temperature cooking cycles easier and allows customized management. Your meat and fish dishes stay soft and don't lose weight, enhancing the taste of your food. After cooking, MultiFresh® automatically switches to blast chilling or shock freezing.

temperature

for 45 minutes

45 LB OF FRESH FISH cooked at low

MultiFresh® pasteurizes safely, reaching and maintaining high temperatures before blast chilling (+37°F) or shock freezing (0°F) your products.

Reduced levels of bacteria increases the shelf life of food.

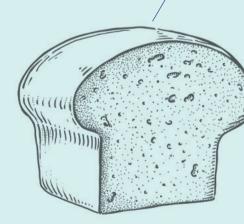
proofing cycles, **keeping sudden** changes in temperature under control. It limits excessive drying and always guarantees the perfect hydration level. Easy programming of the time taken to proof allows you to decide when your products will be ready.

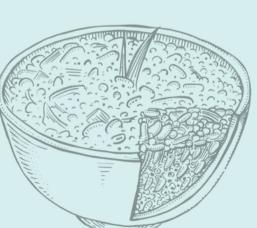
MultiFresh® simplifies natural

45 LB OF BREAD risen and chilled to +50°F for 3 hours and 30 minutes

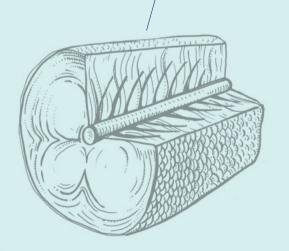
MultiFresh®'s sanitized chamber holds your products at the desired positive or negative temperature. Your dishes are unaltered and perfectly preserved, avoiding any bad smells.

> 35 LB OF MIXED **LEGUME SOUP** held at +149°F for the length of the service











8 GAL OF TOMATO

SAUCE

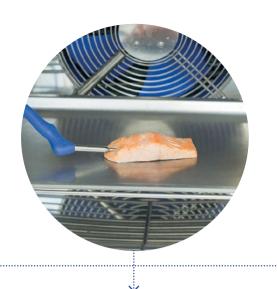
pasteurized

and blast chilled

to +37°F in 3 hours

FRESHNESS PROCESSES

SALMON FILET WITH STEAMED VEGETABLE TRIO



LOW TEMPERATURE COOKING +149°F

this cycle allows you to cook salmon at low temperatures and maintain the temperature



this cycle allows you to cook salmon at low temperatures and cool it directly



PRESERVATION* +37°F



REGENERATION FISH

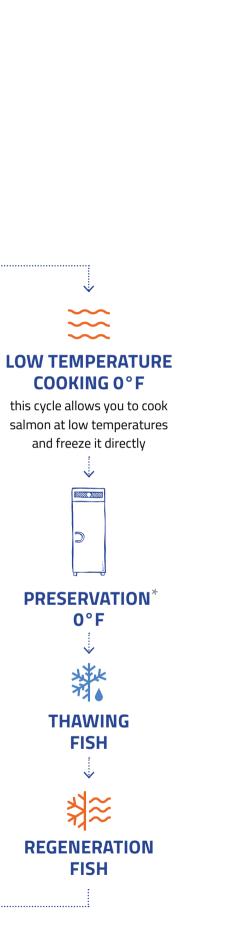


0°F

FISH

REGENERATION FISH

*Irinox processes need the use of holding cabinets





MultiFresh® cooks fish at low temperatures, measuring core temperatures with the MultiSensor® probe. Low-temperature cooking enhances the delicate flavor of salmon, making it perfect

to pair with a trio of steamed vegetables. Your dish cooks evenly and keeps all of its organoleptic properties. The MultiFresh® low-temperature cooking cycle reduces cooking loss and allows you to use fewer condiments.





MAINTAINING THE PUREE TEMPERATURE MultiFresh® allows you to maintain the ideal temperature for each food in order to have it ready to be served at any time, whether hot or cold. Keep your carrot puree at serving temperature

and pair it with a rosemary chicken thigh to complete the dish. Thanks to MultiFresh® temperature and ventilation control, your dishes maintain their natural moisture.



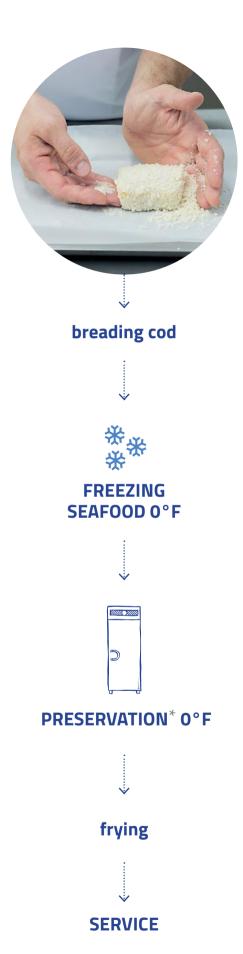
*Irinox processes need the use of holding cabinets

ROSEMARY

PUREE

CHICKEN THIGHS
WITH CARROT

SLICE OF BREADED COD WITH SALAD







FREEZING COD

For mid-long preservation of your dishes it is necessary to shock freeze them at 0°F at their core. The speed of MultiFresh® shock freezing reduces food contamination. Moreover, the water within the food solidifies into

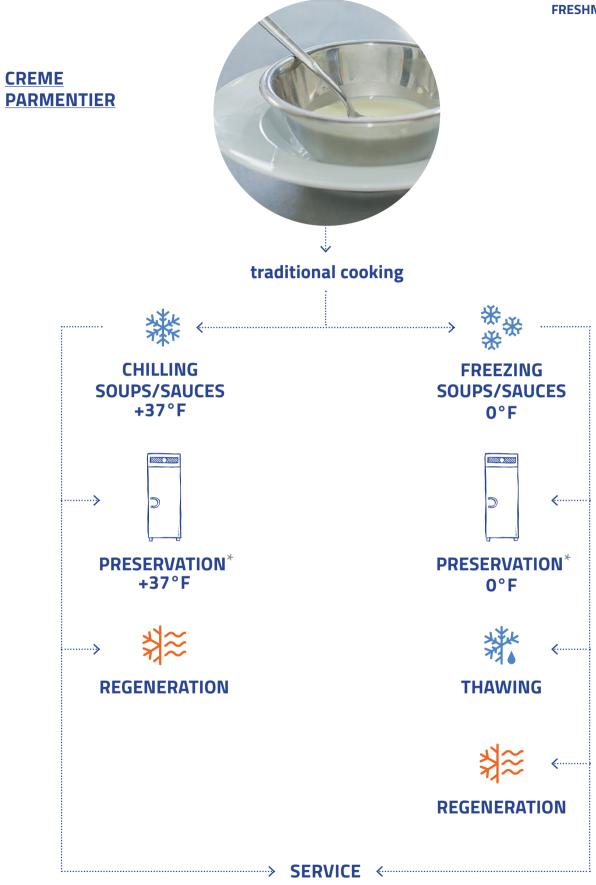
micro-crystals, avoiding the creation of macro-crystals that would change the fish's moisture. With MultiFresh you can freeze the cod and then fry it when you need it, so that it tastes crispy and freshly fished.

15



REGENERATING POTAGE PARMENTIER With MultiFresh®, you can regenerate all your dishes by setting the desired ventilation and temperature, and you can decide what time you want the hot food ready to be served. You can prepare your potage parmentier in advance, regenerate

and serve it as needed, streamlining your work. The MultiFresh® regeneration cycles prevent food from oxidizing and dehydrating, automatically going from maintenance at +37°F to the temperature you pre-selected for your dish.



*Irinox processes need the use of holding cabinets

FEATURES



Sanigen

The Irinox patented sanification system sanitizes every part of the chamber, including the areas that are difficult to access for cleaning (e.g. the evaporator, etc.).





Humidity Management System

Irinox's sophisticated software (tested with the best pastry chefs) and fan speed control automatically manage all the components of the refrigeration circuit.





MultiRack®

Irinox patented an adjustable tray holder,
which allows double the number
of trays to be loaded into each model.
It is also possible to customize the distance
between trays, leading to better air distribution
and greater temperature uniformity on all levels.





Refrigerant Gas

The entire range of products has been tested for the use of the refrigerant R404A.





MultiSensor

MultiFresh® is supplied with a MultiSensor® 5 point probe for perfect temperature control.

The conical shape of the MultiSensor® probe makes it easy to remove from food without using heat.





Defrost

MultiFresh® does not defrost automatically because it is constantly able to remove all the heat from the chamber. This prevents the formation of ice on the evaporator.





HACCP

HACCP (Hazard-Analysis and Control of Critical Points) is the protocol that regulates and prevents food contamination. It establishes and implements the monitoring of the Critical Control Points in order to reduce and prevent identified hazards. The first European regulation on HACCP is dated 1993 (Directive 43/93/CEE), followed by the Regulation CE 178/2002 and Regulation CE 852/2004. MultiFresh® enables you to track your work during each single process and shows the specific parameters of each different cycle. It also allows to download all the data via WiFi or USB stick.

IRINOX BALANCE SYSTEM®



IRINOX BALANCE SYSTEM®

Numerous tests and studies performed on cooling curves and the use of sophisticated software have made it possible to determine the perfect size of the main refrigerator components (condenser, evaporator, compressor and fans): IrinoxBalanceSystem®. The evaporators and condensers involved are built to the drawings and specifications of our engineering office so that our equipment provides unbeatable performance.

The principle on which blast chillers operate consists of removing heat from food in the shortest time possible in order to limit food aging.

Our blast chillers guarantee the fastest heat removal, including with boiling hot food, without damaging it in any way.







THE MULTIFRESH® RANGE

ROLL-IN MACHINES from 221 lbs to 1654 lbs

Available in the STANDARD version with chilling and freezing cycles. Available on request in the PLUS version, which also includes thawing, proofing, low temperature cooking, regeneration, holding, chocolate storing, pasteurization.

AVAILABLE VERSIONS:

- > Air condensation
- > Cityline water condensation
- > Tower water condensation

STANDARD EQUIPMENT:

- > Sunken floor
- > Right opening
- > Core probe 5 points

AVAILABLE ON REQUEST:

- > Without condensing unit
- > With ramp
- > Door stop 120° or 100°
- Sanigen
- > Opposite door's opening
- > Additional core probe
- > Sous-vide core probe
- > Knocked down



MF 100.1*

Yield per cycle 221 lbs

⇒ 1 roll-in rack (12" × 20" pans only) Dimensions 47 5/8" × 43 7/8" × 91 3/4" Weight 750 lbs

◎ 1.6 kW **③** 5.2 A **②** 208 V-60Hz (3 PH) Condensing unit 100 RU

№ 12 kW **A** 38.9 A **U** 208 V-60Hz (3 PH) **CU dimensions** $34\frac{5}{16}$ " × $53\frac{3}{16}$ " × $55\frac{13}{16}$ " CU weight 440 lbs



MF 100.2 SELF CONTAINED**

Yield per cycle 221 lbs

Capacity

♠ 1 roll-in rack (20" × 26" or 20,25" × 26" pans) or 2 roll-in rack (28½" × 18" pans) or 1 combi-oven trolley on request **Dimensions** 63" × 56" × 102"

Weight 1719.90 lbs

W 14.3 kW **A** 45 A **V** 208 V-60Hz (3 PH)

TRAY

tray height

trolleys number

YIELD IN LBS

from 194°F to 37°F / 0°F

DIMENSIONS

width × depth × height

ELECTRICAL DATA

- max absorbed power
- Max absorbed current

Trolleys positioning

Available inner area 20 1/8" × 25 3/8"

12" × 20" pans only Roll-in Rack

Trolleys positioning Available inner area 32 ½" \times 35 %6"

Type B - 2 trolleys 28.25" × 18" × h 69.5" Slim Rack

Type C - 1 trolley 20.25" × 26"× h 69.5"

Type D - 1 trolley combi oven trolley Combi Rack

Full Rack



Plus features (heat cycles) only available as an option on trolley units.

Certifications:





^{*} Plus version not available

^{**} Standard with ramp water condensation not available

THE MULTIFRESH® RANGE







MF 100.2

Yield per cycle 221 lbs Capacity

⇒ 1 roll-in rack (20" × 26" or 20.25" × 26" pans) or 2 roll-in rack (28¼" × 18" pans) or 1 combi-oven trolley on request

Dimensions 63" \times 56 $\frac{1}{6}$ " \times 94 $\frac{5}{16}$ " Weight 1058 lbs

@ 3.4 kW **(a)** 10.60 A **(b)** 208 V-60Hz (3 PH)

Condensing unit 100 RU 1 12 kW **3** 38.9 A **2** 208 V-60Hz (3 PH)

CU dimensions $34 \frac{5}{16}$ " × $53 \frac{3}{16}$ " × $55 \frac{13}{16}$ " CU weight 440 lbs

MF 130.2

Yield per cycle 287 lbs

Capacity

1 roll-in rack (20" × 26" or 20,25" × 26" pans)
 or 2 roll-in rack (28 ½" × 18" pans)
 or 1 combi-oven trolley on request

Dimensions 63" × 56 1/8" × 94 5/16" **Weight** 1058 lbs

3.4 kW **1**.0.6 A **2**.08 V-60Hz (3 PH) **Condensing unit 130 RU**

(3 PH) 0 16.4 kW (53.5 A (50 208 V-60Hz (3 PH)) 0 16.4 kW (53.5 A (50 208 V-60Hz (3 PH)) 0 16.4 kW (50 208 V-60Hz (3 PH)) 0 16.4 kW

MF 180.2

Yield per cycle 397 lbs
Capacity

(20" × 26" or 20.25" × 26" pans) or 2 roll-in rack (28½" × 18" pans) or 1 combi-oven trolley on request Dimensions 63" × 56½" × 94½", g

Weight 1058 lbs

3.4 kW **1**.0.6 A **2**.08 V-60Hz (3 PH) **Condensing unit 180 RU**

② 19.1 kW **③** 62.6 A **②** 208 V-60Hz (3 PH) **CU dimensions** 47 ½" × 53 ½₈" × 60 ½" **CU weight** 677 lbs

MF 250.2

Yield per cycle 551 lbs

Capacity

(20" × 26" or 20.25" × 26" pans) or 2 roll-in rack (28", × 18" pans) or 1 combi-oven trolley on request Dimensions 63" × 56 %" × 94", "

Weight 1058 lbs

3.4 kW **1**0.6 A **2**08 V-60Hz (3 PH) **Condensing unit 250 RU**

(3 PH) 21.5 kW (69.5 A (7 208 V-60Hz (3 PH)) CU dimensions 47 ½" × 53 ½s" × 60 ½" CU weight 679 lbs

TRAY

tray height

trolleys number

YIELD IN LBS

from 194°F to 37°F / 0°F

DIMENSIONS

width × depth × height

ELECTRICAL DATA

w max absorbed power a max absorbed current

voltage

Trolleys positioning
Available inner area 32 ½"× 35 ¾6"

Type B - 2 trolleys 28%" x 18" x h 69.25" \rightarrow Type C - 1 trolley 20.25" x 26" x h 69.5" \rightarrow Type D - 1 trolley combi oven trolley \rightarrow

Combi Rack

Trolleys positioning
Available inner area 32 ¼"× 35 ¼6"

Combi Rack

Type B - 2 trolleys
28½" × 18" × h 69.25"

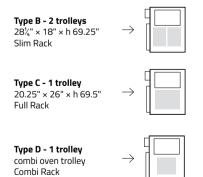
Slim Rack

Type C - 1 trolley
20.25" × 26" × h 69.5"

Full Rack

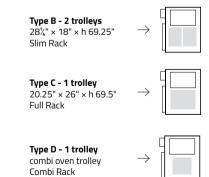
Type D - 1 trolley
combi oven trolley

Trolleys positioning
Available inner area 32 ¼"× 35 ½6"



Trolleys positioning

Available inner area 32 ½"× 35 ½"



Note:

Plus features (heat cycles) only available as an option on trolley units.

Certifications:





THE MULTIFRESH® RANGE THE MULTIFRESH® RANGE









MF 350.2 2T PASS-THRU

Yield per cycle 772 lbs Capacity

2 roll-in rack (20" x 26" or 20.25" x 26" pans) or 4 roll-in rack (28 ½" × 18" pans) or 2 combi-oven trolley on request

Dimensions 63" × 102 1/8" × 96 5/16" Weight 1764 lbs

◎ 6.7 kW **③** 20.90 A **②** 208 V-60Hz (3 PH) Condensing unit 350 RR

33.8 kW **107.9** A **208** V-60Hz (3 PH) **CU dimensions** 47 $\frac{1}{4}$ " × 53 $\frac{3}{16}$ " × 46 $\frac{1}{16}$ " CU weight 882 lbs

MF 500.2 2T PASS-THRU

Yield per cycle 1103 lbs Capacity

a 2 roll-in rack (20" × 26" or 20,25" × 26" pans) or 4 roll-in rack (28 ½" × 18" pans) or 2 combi-oven trolley on request **Dimensions** 63" \times 102 $\frac{1}{8}$ " \times 96 $\frac{5}{16}$ "

Weight 1764 lbs

@ 6.7 kW **A** 20.90 A **V** 208 V-60Hz (3 PH) Condensing unit 500 RR

W 49.5 kW **A** 159.7 A **V** 208 V-60Hz (3 PH) **CU dimensions** $47\frac{1}{4}$ " × $53\frac{3}{16}$ " × $46\frac{1}{16}$ " CU weight 915 lbs

MF 350.2 3T PASS-THRU

Yield per cycle 772 lbs Capacity

a 3 roll-in rack (20" × 26" or 20.25" × 26" pans) or 6 roll-in rack (28 ½" × 18" pans) or 3 combi-oven trolley on request **Dimensions** 63" × 148 ½" × 97 ½"

Weight 2646 lbs

10.1 kW **A** 31.3 A **2** 208 V-60Hz (3 PH) Condensing unit 350 RR

33.8 kW **107.9** A **208** V-60Hz (3 PH) **CU dimensions** $47\frac{1}{4}$ " × $53\frac{3}{16}$ " × $46\frac{1}{16}$ " CU weight 882 lbs

MF 500.2 3T PASS-THRU

Yield per cycle 1103 lbs Capacity

a 3 roll-in rack (20" × 26" or 20.25" × 26" pans) or 6 roll-in rack (28 ¼" × 18" pans) or 3 combi-oven trolley on request **Dimensions** 63" × 148 ½" × 97 ½"

Weight 2646 lbs

10.1 kW **3**1.3 A **1**208 V-60Hz (3 PH) Condensing unit 500 RR

W 49.5 kW **A** 159.7 A **V** 208 V-60Hz (3 PH) **CU dimensions** 47 $\frac{1}{4}$ " × 53 $\frac{3}{16}$ " × 46 $\frac{1}{16}$ " CU weight 915 lbs

MF 750.2 3T PASS-THRU

Yield per cycle 1654 lbs Capacity

 ⊕ 3 roll-in rack (20"×26" or 20.25" × 26" pans) or 6 roll-in rack (28 ¼" × 18" pans) or 3 combi-oven trolley on request **Dimensions** 63" × 148 ½" × 97 ½"

Weight 2646 lbs

10.1 kW **10.1** kW **10.1 10.1** kW **10.1 10.1** Condensing unit 750 RR

◎ 68.6 kW **②** 234.5 A **②** 208 V-60Hz (3 PH) **CU dimensions** 47 ½" × 94 ½" × 48" CU weight 1323 lbs

TRAY

tray height

trolleys number

YIELD IN LBS

from 194°F to 37°F / 0°F

DIMENSIONS

width × depth × height

ELECTRICAL DATA

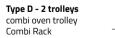
max absorbed power nax absorbed current

voltage

Trolleys positioning Available inner area 32 ¼"× 81 ½"

Type B - 4 trolleys 28½" x 18" x h 69.25" Slim Rack







Trolleys positioning Available inner area 32 ¼"× 81 ½"

Type B - 4 trolleys 28½" × 18" × h 69.25" Slim Rack

Type C - 2 trolleys

Full Rack

Combi Rack

20.25" × 26" × h 69.5"



Type D - 2 trolleys combi oven trolley



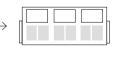
Trolleys positioning

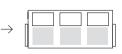
Available inner area 32 ¼"× 127 %6"

Type B - 6 trolleys 28½" × 18" × h 69.25" Slim Rack











Trolleys positioning Available inner area 32 1/4"× 127 1/46"

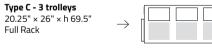
Type B - 6 trolleys 28½" × 18" × h 69.25" Slim Rack



Type D - 3 trolleys combi oven trolley Combi Rack









Trolleys positioning Available inner area 32 ¼"× 127 %"

Type B - 6 trolleys 28½" × 18" × h 69.25" Slim Rack

Full Rack

Type D - 3 trolleys

combi oven trolley

Combi Rack





Note:

Plus features (heat cycles) only available as an option on trolley units.

Certifications:





THE MULTIFRESH® RANGE THE MULTIFRESH® RANGE









MF 750.2 4T PASS-THRU

Yield per cycle 1653 lbs

Capacity

4 roll-in rack (20" x 26" or 20,25" x 26" pans) or 8 roll-in rack (28 1/2" × 18" pans) or 4 combi-oven trolley on request **Dimensions** 63" \times 194 $\frac{3}{16}$ " \times 97 $\frac{7}{16}$ " Weight 3528 lbs

13.4 kW **41.6** A **208** V-60Hz (3 PH) Condensing unit 750 RR

@ 68.6 kW **A** 234.5 A **V** 208 V-60Hz (3 PH) **CU dimensions** 47 ½" × 94 ½" × 48" CU weight 1323 lbs

MF 180.2L LARGE

Yield per cycle 397 lbs

Capacity

3 roll-in rack (20" × 26" or 20,25" × 26" pans) or 3 roll-in rack (28 1/2" × 18" pans) or 2 combi-oven trolley on request **Dimensions** 74 $\frac{1}{8}$ " × 67 $\frac{7}{8}$ " × 94 $\frac{5}{6}$ "

Weight 1323 lbs

3.4 kW **A** 10.6 A **V** 208 V-60Hz (3 PH) Condensing unit 180 RU

№ 19.1 kW **④** 62.6 A **①** 208 V-60Hz (3 PH) **CU dimensions** 47 $\frac{1}{4}$ " × 53 $\frac{3}{16}$ " × 60 $\frac{1}{8}$ " CU weight 677 lbs

MF 350.2 2TL PASS-THRU LARGE

Yield per cycle 772 lbs

Capacity **⊜** 6 roll-in rack (20" × 26" or 20,25" × 26" pans) or 6 roll-in rack (28 1/4" × 18" pans) or 4 combi-oven trolley on request **Dimensions** 74" \times 125 $\frac{3}{4}$ " \times 97 $\frac{15}{16}$ "

Weight 2205 lbs

@ 6.7 kW **A** 20.90 A **U** 208 V-60Hz (3 PH) Condensing unit 350 RR

@ 33.8 kW **A** 107.9 A **V** 208 V-60Hz (3 PH) **CU dimensions** 47 $\frac{1}{4}$ " × 53 $\frac{3}{16}$ " × 46 $\frac{1}{16}$ " CU weight 882 lbs

MF 500.2 3TL PASS-THRU LARGE

Yield per cycle 1103 lbs Capacity

9 roll-in rack (20" x 26" or 20,25" x 26" pans) or 9 roll-in rack (28 1/2" × 18" pans) or 6 combi-oven trolley on request **Dimensions** 74" × 183 \(^8\)" × 86 \(^5\)"

Weight 3087 lbs

№ 10.1 kW **♠** 31.3 A **№** 208 V-60Hz (3 PH) Condensing unit 500 RR

W 49.5 kW **A** 159.7 A **V** 208 V-60Hz (3 PH) **CU dimensions** $47\frac{1}{4}$ " × $53\frac{3}{16}$ " × $46\frac{1}{16}$ " CU weight 915 lbs

MF 750.2 4TL PASS-THRU LARGE

Yield per cycle 1654 lbs

Capacity

or 12 roll-in rack (28 1/2" × 18" pans) or 8 combi-oven trolley on request **Dimensions** 74" × 241 ½" × 86 ½"

Weight 3969 lbs

1 13.4 kW **4** 1.6 A **1** 208 V-60Hz (3 PH)

Condensing unit 750 RR

@ 68.6 kW **A** 234.5 A **V** 208 V-60Hz (3 PH) CU dimensions $47\frac{1}{4}$ " \times $94\frac{1}{4}$ " \times 48" CU weight 1323 lbs

TRAY

tray height

trolleys number

YIELD IN LBS

from 194°F to 37°F / 0°F

DIMENSIONS

width × depth × height

ELECTRICAL DATA

max absorbed power

nax absorbed current

voltage

Trolleys positioning Available inner area 32 ¼"× 173 %"

Type B - 8 trolleys 28 ½" × 18" × h 69.25" Slim Rack





20.25" × 26" × h 69.5"

Full Rack

26



Trolleys positioning Available inner area 43 1/16" × 47 1/4"



Full Rack

Type D - 2 trolleys

combi oven trolley

Combi Rack













Trolleys positioning Available inner area 43 1/16"× 105 1/8"



Full Rack

Type D - 4 trolleys

combi oven trolley

Combi Rack







Slim Rack





Trolleys positioning Available inner area 32 ¼"× 163"

Type B - 9 trolleys 28 ½" × 18" × h 69.25"





Combi Rack

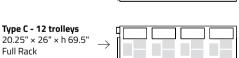




Trolleys positioning Available inner area 32 1/4"x 173 5/8"

Type B - 12 trolleys 28 ½" × 18" × h 69.25" Slim Rack

Full Rack



Note:

Plus features (heat cycles) only available as an option on trolley units.

Certifications:





IRINOX NORTH AMERICA

Headquarters
9990 NW 14th Street Suite 107
Miami, Florida 33172
P. 786-870-5064
F. 786-391-2467
info@irinoxnorthamerica.com
www.irinoxprofessional.com/usa/

English Usa