

Item No.:

Qty.:

Project:

MF90.1 ST

Roll-in Blast Chiller and Shock Freezer



MultiFresh®: the blast chiller that organizes your production and processes with flexibility 24 hours a day.

MultiFresh® can run cycles of chilling and freezing with temperatures up to -40°C preserving the product consistency, the moisture and nutritional properties.

Multifuncion 7" touchscreen display, product specific cycles, wide range of options, customization of all the parameters for each cycle.

Capacity

Trolley Capacity: 1 x UNOX XEVTL-2011

1 x UNOX XJBL-16EU-DPRS

1 x UNOX XEBTL-16EU

Yield

Yield for blast chilling cycle ($+90^{\circ}\text{C}$ / $+3^{\circ}\text{C}$) kg 90

Yield for shock freezing cycle ($+90^{\circ}\text{C}$ / -18°C) kg 90

Product Warranty Protection

- 2 years from the date of installation, after sending the installation report, on the parts (see warranty condition)

Certification



Standard Construction Features

- Cabinet + Remote condensing unit air.
- IRINOX BALANCE SYSTEM®: the perfect sizing of the main components of the refrigeration system (condenser, evaporator, compressor and fans).
- Maximum cleanliness and hygiene due to rounded corners and components situated in the chamber so that they can be easily accessed and cleaned.
- Mechanical locking device with a low temperature resistant gasket.
- Multisensor® 5 point probe for perfect temperature control.
- Automatic switch from manual mode (timed) to automatic mode (with probe); Multifresh® senses if the probe has been inserted or not.
- Wireless data transfer (HACCP control software).
- Door hinged right.
- With Feet.
- Drain on the left side (different position on request).
- Refrigerant Gas R452A/R404A

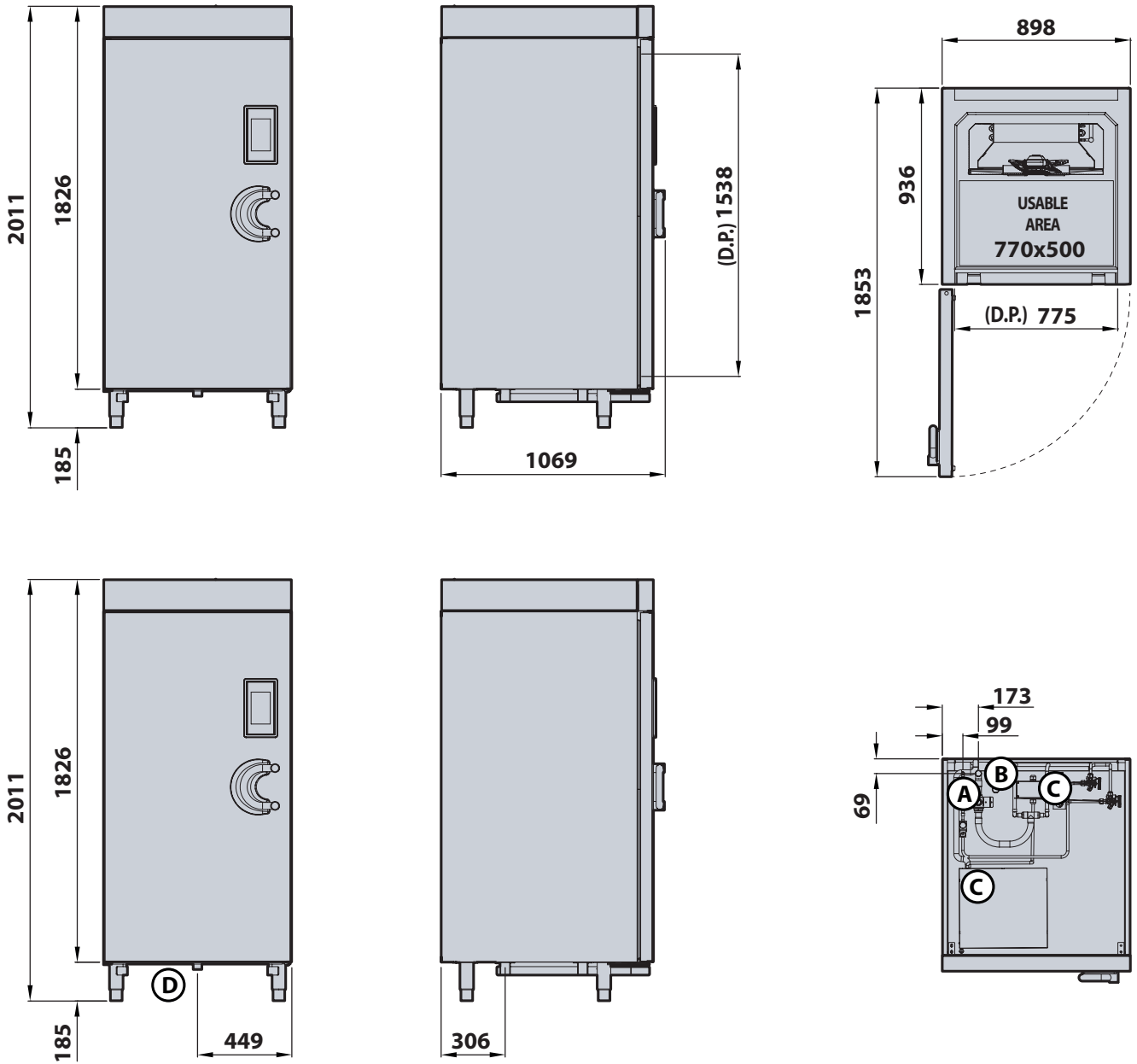
Unique Design and Performance Features

- STANDARD VERSION: blast chilling and shock freezing cycles from any temperature, to $+3^{\circ}\text{C}$ / -18°C at the core.
- The touch screen also works when you are using kitchen gloves.
- Manual defrosting at the end of the day (not during the work cycles).

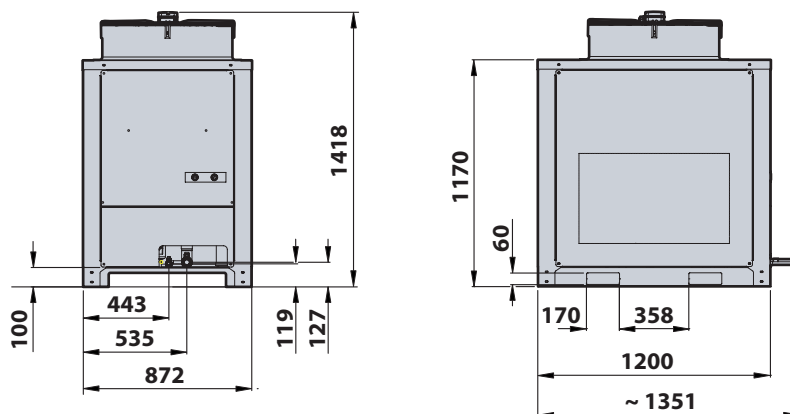
Option and Accessories

- Sous-vide core probe
- Additional core probe
- SANIGEN®: 24/7 sanitation
- Low temperature kit (for air condensation only)
- Silent group option
- Wifi Mya
- Ethernet board
- Freshcloud connection kit (Ethernet card & wi-fi included)
- Dashboard protection IP66
- Frontal/Back door alarm (visual and acoustic)
- Unit sent without gas charge
- Special Voltage on request

Cabinet



Unit



Item No.:

Qty.:

Project:

GENERAL CHARACTERISTICS

Trolley Capacity: UNOX XEVTL-2011		1
Trolley Capacity: UNOX XJBL-16EU-DPRS		1
Trolley Capacity: UNOX XEBTL-16EU		1
A	Liquid line connection	
B	Suction line connection	
C	Communication power cable inlet	
D	Standard drainage discharge	øIn (ømm) 1" 1/4 DN32
(D.P.) = Door passage		
Maximum height of the cell with feet	mm	2041
Feet height	mm	145 ÷ 215

STANDARD PACKING

Gross Weight	kg	220 + 130
Dimensions (W x D x H)	mm	1035 x 1210 x 2200 x N°1
Dimensions (W x D x H)	mm	835 x 1020 x 810 x N°1
Volume	m ³	2,75 + 0,68

BLAST CHILLER WITH REMOTE AIR CONDENSING UNIT (RU)

Electric supply:		400V 3N+PE 50Hz	-	-	-	-
Total rating (FLI)	kW	8,70				
Full load amps (FLA)	A	19,06				
Main power cable	mm ²	5G2.5				
Section of electrical cable between cell and unit	mm ²	4G2.5 + 10x1.5				
Compressor rating	HP	5,50				
Refrigeration Yield (-10°C/40°C)	W	10853				
Condenser rating (-10°C/40°C)	W	15842				
Refrigerant type:	-	R404A / R452A				
Nominal refrigerant charge:	kg gas	7,00				
Liquid Line Connection	øIn (ømm)	1/2" (12.7 mm)				
Suction line connection	øIn (ømm)	1" 1/8 (28.58 mm)				
Minimum Air Flow	m ³ /h	4000				
Maximum ambient air temperature:	°C	32				
Cabinet weight:	kg	205,00				
Remote unit weight:	kg	102,00				
Compressor Noise (5 m)	dB(A)	56,9				

TUBES CONNECTING TO THE CONDENSING UNIT

		MF90.1 ST				
Liquid Line Connection	øIn (ømm)	5/8" (15.88 mm)				
Suction line connection	øIn (ømm)	1" 1/8 (28.58 mm)				
Valid for condensing units installed up to a distance of	m	25,0				

BLAST CHILLER SIZE

		MF90.1 ST				
Yield for blast chilling cycle: * (+90°C/+3°C)	øIn (ømm)	90				
Yield for shock freezing cycle: ** (+90°C/-18°C)	øIn (ømm)	70				

*: within 90 min. **: within 240 min.

INSTANTION

A detailed installation manual is provided. It must be carefully followed to ensure proper operation and to protect your rights under the warranty. The connection material between the cabinet and the condensing unit must be provided by the installer.

Iriinox S.p.A.

Headquarter: Via Caduti nei Lager 1, 31015 Conegliano (TV) Italy

Productive Site: Via Mattei, 20 - 31029 - Vittorio Veneto (TV) Italy

Tel. +39 0438 2020 | irinox@irinox.com | www.irinoxprofessional.com