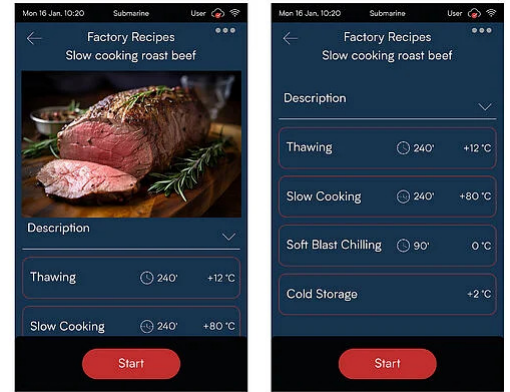


Freedom to create

Positive and negative blast chilling, thawing, proofing and retarder-proofer, pasteurization, slow cooking, maintaining the temperature, drying...are just some of the functions that can be managed immediately and precisely, individually or by connecting them in a single flow.



Model: SBM-122-HA

Submarine

SUBMARINE MULTIFUNCTION, CABINET - 24 X GN 1/1 - 24 X EN1. +85 / -40 °C - AIR CONDENSING UNIT

+3°C	-40°C / -18°C	-5°C / -40°C	-2°C / +18°C	-18°C / -21°C	+10°C / +16°C	+35°C / +65°C	-18°C / +32°C	+60°C / +85°C	+10°C / +32°C
Soft or hard blast chilling	Anisakis Killer	Continuous cycle	Storage	Negative Storage	Crystallisation	Dehydration	Retarder - Proofer	Slow Cooking	Proofing

-50°C / +70°C	+60°C / +85°C	+30°C / +55°C	-18°C / +3°C	-18°C	-35°C / -18°C	+38°C / +50°C			
Maintaining	Pasteurisation	Melting Chocolate	Thawing	Soft or hard freezing	Tapeworm Killer	Yogurt	Wifi Connection	Friulinox Cold Cloud	Ecological refrigerant gas

CE CB IPX4

CONTROL MECHANISMS

- 7" touch screen color display with control interface
- Quick-release heated core probe with 4 measuring points
- Control-activated chamber sanitisation system with active ions (HI-GIENE)
- Photo-identifiable processes
- USB connection for uploading and downloading data/recipes
- IoT connectivity as standard
- Water inlet valve.
- Alarm viewing.
- Anti-odour door lock.
- Internal fan stop by micro switch when door is opened.

STRUCTURAL CHARACTERISTICS

- External Scotch Brite satin finish stainless steel.
- High density CFC and HCFC-free PU insulation (42 kg/m³).
- Highly ventilated evaporator to ensure the cooling system's maximum efficiency
- Stainless steel internal coating with fully rounded corners
- Die-moulded and leakproof internal base
- Anti-condensation heating element located on the box under the magnetic seal stop
- Strongbox ergonomic handle
- Magnetic seal on 4 sides of the door
- Indirect-flow electric fans - made of composite material - on the product
- Side guide-supporting uprights with 18 mm-pitch holes
- Compressor-protecting automatic-reset thermal circuit breaker
- Copper-aluminium evaporating coil, cataphoresis-painted
- Copper condensing coil with high thermal efficiency aluminium fins
- Patented chamber humidity-injecting system

OPERATION

- Ethernet connection for HACCP Log download and remote service.
- Automatic storage at the end of the blast chilling cycle.
- Multilevel function.
- Drying.
- Cell pre-cooling.
- Automatic defrost cycles.
- Wi-Fi connection for HACCP Log download and remote service.

CLEANING AND MAINTENANCE

- Easy to wash and hygienic safety due to the suspended evaporator coil.
- Easy to clean in accordance with UNI EN 14159 hygiene regulations.

INSTALLATION AND ENVIRONMENT

- Quality ISO 9001 / Safety ISO 45001 / Environmental ISO 14001 certification.
- 100% recyclable packaging.

CONDENSING UNITS

- Automatic defrost and defrost water self evaporating without the use of energy.
- R290 ecological refrigerant gas

STANDARD EQUIPMENT

- UNEQUIPPED REMOVABLE GRILL-HOLDING PANELS IN AISI 304 18/10 STAINLESS STEEL, WITH DOUBLE L-SHAPED GUIDES
- USB CONNECTION FOR UPLOADS AND DOWNLOADS
- QUICK-RELEASE HEATED CORE PROBE WITH 4 MEASURING POINTS

OPTIONAL TO BE REQUESTED WHEN ORDERING

CA-122: WOODEN CRATE PACKAGING

PSX-122: LEFT HINGED DOOR

SKRT-03: WHEEL KIT WITH BRAKE

EXTRA ACCESSORIES THAT CAN BE INSTALLED FOLLOWING PURCHASE

TS-122-440-3N-60Hz-HO: 440-3N-60HZ-HO

TS-122-360-3N-60Hz-HO: 360-3N-60HZ-HO

TS-122-208-3-60Hz-HO: 208-3-60HZ-HO

Capacity

Capacity	24 x 1/1 GN - 24 x EN1		
No. of layers - h 20	44		
Distance between layers - h 20	mm	37.5	inch 1.5
No. of layers - h 40	28		
Distance between layers - h 40	mm	56.25	inch 2.2
No. of layers - h 65	22		
Distance between layers - h 65	mm	75	inch 3.0
Minimum distance between layers	mm	18.75	inch 0.7

Dimensions

Width	mm	1100	inch	43.3
Depth	mm	1080	inch	42.5
Height	mm	1860	inch	73.2
Packaging width	mm	1140	inch	44.9
Packing depth	mm	1180	inch	46.5
Packaging height	mm	2010	inch	79.1
Net weight	kg	255	lbs	562.3
Gross weight	kg	295	lbs	650.5
Volume	m ³	2.2	ft ³	77.7
Packing volume	m ³	2.7	ft ³	95.4
Useful Inner Width	mm	670	inch	26.4
Door height	mm	930	inch	36.6
Inner depth	mm	930	inch	36.6
PU insulation - Thickness	mm	60	inch	2.4

Technical Data

Working temperature	°C	+85 °C / -40 °C	°F	NaN
Motor	Air-cooled condensing unit			
PU insulation - Thickness	mm	60	inch	2.4
Climate class	5			
GWP - Global Warming Potential	3			
Refrigerant - Type	R452A			
Refrigerant - Quantity	g	2300	g	

Power supply

Power supply voltage	3N-AC 400 V			
Electrical absorption	A	15,38		
Frequency	Hz	50		
Total electric power	kW	5.758		
Cooling power	kW	3,619		
Heating power	kW	1.6		

Blast chilling

Blast Chilling Capacity in 90' +90 / +3 °C	kg	100	lbs	220.5
Freezing Capacity in 240' +90 / -18 °C	kg	70	lbs	154.3
Blast Chilling Capacity in 120' +65 / +10 °C - BC standard EN17032	kg	100	lbs	220.5
Freezing Capacity in 270' +65 / -18 °C	kg	60	lbs	132.3
Blast Chilling cycle time - BC standard EN17032	min	94		
Freezing cycle time - BF standard EN17032	min	259		
Blast Chilling energy consumed - BC standard EN17032	kW h / kg	0.054		
Freezing cycle energy consumed - BF standard EN17032	kW h / kg	0.178		

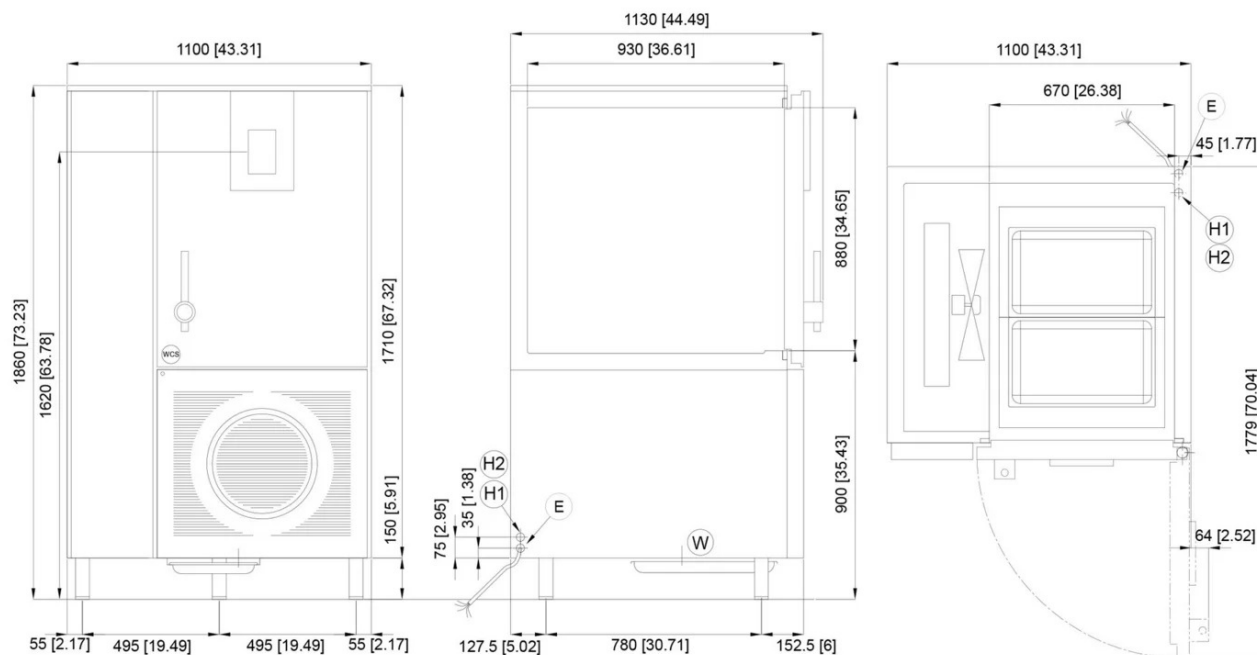
Water Connection

Discharge - ø	mm	59	inch	2.3
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Emissions

Noisiness	db	< 70
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* BT - Evap. temp. -25°C / Cond. temp. +45°C.



DIMENSIONI mm
DIMENSIONS [in]

- E** CONNESSIONE ELETTRICA
ELECTRICAL CONNECTION
- W** CONNESSIONE SCARICO OPZIONALE
OPTIONAL DRAIN CONNECTION
- H1** CONNESSIONE INGRESSO H2O 1/2"
INLET WATER CONNECTION 1/2"
- H2** CONNESSIONE USCITA H2O 1/2"
EXHAUST WATER CONNECTION 1/2"
- wcs** CONNESSIONE OPZIONALE PER DOCCETTA ESTERNA
CONNECTION OPTIONAL FOR HAND SHOWER