

# BLAST CHILLER

**LAINOX**<sup>®</sup>  
DEVICE FOR COOKING

Chilling cycle: 194°F (90°C) / 37°F (3°C)

Freezing cycle: 194°F (90°C) / 0°F (-18°C)

## C82

Item

### GENERAL FEATURES

- Outside stainless steel AISI 304 18/10 mm Scotch-Brite satin finish
- Inside stainless steel AISI 304 18/10 with rounded corners
- Inside bottom and floor die-formed leakproof
- High-density expanded polyurethane insulation (about - 2.7 Lbs/ft<sup>3</sup> - 42 kg/m<sup>3</sup>) with thickness of 3.15" (80 mm), without HCFC
- Copper - aluminum evaporator, protected with non - toxic epoxy resins through cataphoresis painting systems
- Anti-condensation heating element fitted on the door under the gasket
- Horizontal ergonomic handle with inside security lock
- Door with rubber sweeper gasket with closing hinges
- Door with lock
- Heated core probe in blast freezer for an easy extraction
- Internal bumpers in stainless steel to prevent damage by trolleys
- External guards in stainless steel to prevent damage to control panel

### COOLING UNIT

- Remote condensing unit and possibility to have stainless steel protective cover
- Evaporator fitted with high rate fan for maximum cooling efficiency
- R404A refrigerant liquid

### COMMANDS, CONTROLS AND SAFETY DEVICES

- Control and command circuit board equipped with high-visibility custom display, which highlights the status of the appliance at all times
- The T version can memorise up to 99 programs, can store any HACCP alarms in the memory and control up to 4 needle or 4 sensors (optional)
- Compressor protected by overload cut-out with automatic reset
- Microswitch cuts out the evaporator fan and compressor when the door is opened

### STANDARD EQUIPMENT

- Core probe (heated on models \_ \_M\_)

### OPTIONS / ACCESSORIES

- Kit for multi points (4) core temperature probe
- Kit for multi points (4) heated temperature probe
- Trolley with drip tray - NKS201 - KKS202
- Transport trolley - CT2311 - CT2321
- Extra charge for USB connection (To be requested when ordering blast chiller)
- Additional temperature probe with 1 reading point
- Time and temperature recorder with printer HACCP

- Cell assembled with modular panels

- **Blast chiller cell come standard with an insulated floor and ramp:  
H 2.36" (60 mm)**

### PASS-THROUGH



### T Version



(1) Main switch ON/OFF. (2) Start/Stop of a chilling phase. (3) Select chilling 37°F (+3°C) HARD. (4) Select freeze 0°F (-18°C) HARD. (5) Select SOFT chilling 37°F (+3°C) or freeze 0°F (-18°C) cycle. (6) Time or chilling / freeze cycle setting. (7) Select for chilling / freeze cycle per probe. (8) Display of temperature of evaporator probe during operation. Start defrosting (with unit in STOP mode) with long press. (9) Heating for shaft probe extraction (for freezing programmes). (10) Recall or store programmes. (11) Recall HACCP alarms, showing them on display, including date, duration, type and maximum temperature reached. (12) Start of sterilization process. (13) Start of a pre-chilling cycle.

Model Control			RDR C82 T	RDM C82 T	RCR C82 T	RCM C82 T
Dimensions	LxPxH [WxDxA]	mm [in]	1500x2350x2230 2 doors: D → +140 [59.1x92.5x87.8] 2 doors: D → [+5.5]			
Depth with 90° door		mm [in]	3180 [125.2]			
Door opening width		mm [in]	800 [31.5]			
Door opening	LXH [WxA]	mm [in]	770x1920 [30.3x75.6]			
Internal depth	P [D]	mm [in]	2120 [83.5]			
Thickness		mm [in]	80 [3.1]			
Climatic class			T			
Chilling cycle		°C	+90 → +3	+90 → +3	+90 → +3	+90 → +3
		°F	+194 → +37	+194 → +37	+194 → +37	+194 → +37
Freezing cycle		°C	-	+90 → -18	-	+90 → -18
		°F	-	+194 → 0	-	+194 → 0
Chilling capacity	90'	kg	300	300	420	420
		lb	661	661	926	926
Freezing capacity	240'	kg	-	200	-	270
		lb	-	441	-	595
Hour yield in freezing		kg/h	-	(300)	-	(420)
		lb/h	-	(661)	-	(926)
Electric power supply	V/~/Hz		208-240/3/60 (208-240/1/60)			
Input electric power	( ° ) W		2x2020		2x2020	
Max. absorbed current	( ° ) A		2x6,6		2x6,6	
Setting up (trolley)			n. 2 KKS202 or n. 4 CT2311 or n. 2 CT2321			
Packing dimensions	LxPxH [WxDxA]	mm [in]	2330x2450x1650 2 doors: D → +140 [91.7x96.5x65] 2 doors: D → [+5.5]			
Volume		m³	2x5,86			
		ft³	2x206,9			
Weight	kg [net lb] kg [gross lb]		3x380 [3x838]			
			3x480 [3x1058]			

## CONNECTIONS

Connections - max distance		m [ft]	20 [66]			
Electrical cables	n° x mm²		5 x 1,5	5 x 1,5	5 x 1,5	5 x 1,5
Liquid tubes	Ø mm [in/SAE]		16 [5/8]	18 [3/4]	18 [3/4]	22 [7/8]
Gas tubes	Ø mm [in/SAE]		35 [1" 3/8]	42 [1" 5/8]	42 [1" 5/8]	54 [2" 2/16]
Drain tubes	Ø mm Ø [in]		32	32	32	32
			[1.3]	[1.3]	[1.3]	[1.3]
LP-HP set (differential)	bar		0 (0.5) - 26 (3)			
Fans choking HP (diff.)	bar		14 (2)	14 (2)	14 (2)	14 (2)

Mod. \_\_ R \_\_\_\_ (\*) Temp. evap. +14°F [-10°C] Temp. cond. 113°F [+45°C] / ( ° ) Temp. evap. +32°F [0°C] Temp. cond. +131°F [+55°C]  
 Mod. \_\_ M \_\_\_\_ (\*) Temp. evap. -13°F [-25°C] Temp. cond. 113°F [+45°C] / ( ° ) Temp. evap. +14°F [-10°C] Temp. cond. +131°F [+55°C]

