

BLAST CHILLERS-FREEZERS

BLIZZAIR SU



STRUCTURE	
<i>Panels</i>	<i>Isothermal (Insulated)</i>
<i>Insulation type</i>	<i>Poliurethane foam injected at high density</i>
<i>Insulation density</i>	<i>42 Kgs/mc</i>
<i>Insulation thickness</i>	<i>100 - 140 mm</i>
<i>Panels' connection</i>	<i>Dual action eccentric hooks</i>
<i>Inner panels' corners</i>	<i>Rounded</i>
<i>Inner panels' base corners</i>	<i>Rounded</i>
<i>Inner surface</i>	<i>St/st AISI 304</i>
<i>Outer surface</i>	<i>St/st AISI 304</i>
<i>Ceiling outer surface</i>	<i>St/st AISI 304</i>
<i>Rack-bumper on inner perimeter</i>	<i>St/st AISI 304</i>
<i>Floor surface</i>	<i>Phenolic stratified resin</i>
<i>Floor thickness</i>	<i>100 - 140 mm</i>
HINGES	
<i>Finishing</i>	<i>Painted, with plastic cover</i>
<i>Self-lifting</i>	<i>To ease the opening and prevent seal wearing</i>
<i>Safety opening</i>	<i>Push-type</i>
CLOSING SYSTEM	
<i>Mechanism type</i>	<i>Self-closing gas piston</i>
<i>Handle type</i>	<i>Anti-bump handle in st/st AISI 304</i>
AIR DISTRIBUTION	
<i>Flow features</i>	<i>Single or bidirectional according to the chillers geometry</i>
<i>Evaporator</i>	<i>Specific for freezing</i>
<i>Horizontal channels</i>	<i>st/st AISI 304 (when expected)</i>
<i>Vertical channels</i>	<i>st/st AISI 304 (when expected)</i>
<i>Air speed inside the prover</i>	<i>At variable speed</i>
<i>Heating</i>	<i>Not expected</i>
<i>Defrosting</i>	<i>Special stainless steel AISI armored or hot gas (depending on the model)</i>

CONDENSER UNIT	
Refrigerating fluid	ODP = 0 (Ozone Depletion Potential = 0)
Refrigerating unit position	Remote
Condenser	Super-tropical for room temperature up to 43°C
Condenser cooling	By air (on request by water)
Compressor	Semihermetic
Compressor cooling	Through sucked gas
CONTROL PANEL	
Temperature sensor	03 type ntc probe for prover inside and for inner exchanger and pin probe
Humidity sensor	Not expected
Electric board	Frontal, to ease maintenance and control operations
Control and display system	Multilingual and multifunction display touch-screen with the possibility of interconnection to BAKEAPP 4.0 system (on request)
Inner lighth	LED lamps
Remote management and remote control	Remote control of the prover, management of on/off functions, program modification, display and reset of alarms (availability of a protected wired internet connection required)
OPERATION AND PROGRAMS	
Programs	100 programs with up to 4 phases for each program
Alarms log	With HACCP registration
Datalogger	With registration and possibility to export process data
ACCESSORIES	
Remote control	Alarm warnings by GSM (SIM card not included)
Honeycombing	To prevent migration and condensation under the floor
External racks bumpers	High-density rubber
Sliding doors	Manual or motorized opening / closing (available only for some models)
Special condensing unit	Completely panelled; sound-proof and/or with remote condensing unit
OPTIONAL	
Industry 4.0 version	It can be connected with our BakeApp 4.0 System

TYPE	Overall width	Overall depth	Useful width	Useful depth	N° 1 door (net width)	Racks capacity			Nominal power (max consumption)	Freezing capacity (+30/-18°C) Kg/hour	Fast-cooling capacity (+90/+3°C) Kg/hour	Number of internal exchangers	Tunnel version available	Drawing ref.
	mm	mm	mm	mm	mm	4060	6080	80100	kW					N°
103X143	1030	1430	580	740	600	1	-	-	3,0 (7,2)	45	80	1	ND	1
123X163	1230	1630	780	940	800	2	1	-				1	ND	4
143X103	1430	1030	580	740	600	1	-	-				1	SI	2
163X123	1630	1230	780	940	800	2	1	-				1	SI	5
163X203	1630	2030	780	1740	800	3	2	-				1	SI	6
163X243	1630	2430	780	2140	800	4	2	-				1	SI	7
183X143	1830	1430	980	1140	1000	3	1	1				1	SI	9
103X143	1030	1430	580	740	600	1	-	-	6,0 (14,5)	90	140	1	ND	1
123X163	1230	1630	780	940	800	2	1	-				1	ND	4
143X103	1430	1030	580	740	600	1	-	-				1	SI	2
163X123	1630	1230	780	940	800	2	1	-				1	SI	5
163X203	1630	2030	780	1740	800	3	2	-				1	SI	6
163X243	1630	2430	780	2140	800	4	2	-				1	SI	7
183X143	1830	1430	980	1140	1000	3	1	1				1	SI	9
183X243	1830	2430	980	2140	1000	6	3	2				1	SI	10
103X143	1030	1430	580	740	600	1	-	-	7,4 (18,0)	110	170	1	ND	1
103X203	1030	2030	580	1340	600	2	-	-				1	ND	3
123x163	1230	1630	780	940	800	2	1	-				1	ND	4
143X103	1430	1030	580	740	600	1	-	-				1	SI	2
163X123	1630	1230	780	940	800	2	1	-				1	SI	5
163X203	1630	2030	780	1740	800	3	2	-				2	SI	25
163X243	1630	2430	780	2140	800	4	2	-				2	SI	24
163X283	1630	2830	780	2540	800	5	3	-				2	SI	8
183X143	1830	1430	980	1140	1000	3	1	1				1	SI	9
183X243	1830	2430	980	2140	1000	6	3	2				2	SI	29
123x163	1230	1630	780	940	800	2	1	-	11 (27)	150	220	1	ND	4
163X123	1630	1230	780	940	800	2	1	-				1	SI	5
163X203	1630	2030	780	1740	800	3	2	-				2	SI	6
163X243	1630	2430	780	2140	800	4	2	-				2	SI	7
163X283	1630	2830	780	2540	800	5	3	-				2	SI	8
183X143	1830	1430	980	1140	1000	3	1	1				1	SI	9
183X243	1830	2430	980	2140	1000	6	3	2				2	SI	29

TYPE	Overall width	Overall depth	Useful width	Useful depth	N° 1 door (net width)	Racks capacity			Nominal power (max consumption)	Freezing capacity (+30/-18°C) Kg/hour	Fast-cooling capacity (+90/+3°C) Kg/hour	Number of internal exchangers	Tunnel version available	Drawing ref.
	mm	mm	mm	mm	mm	4060	6080	80100	kW					N°
163X203	1630	2030	780	1740	800	3	2	-	14,7 (36,0)	200	310	2	SI	25
163X243	1630	2430	780	2140	800	4	2	-				2	SI	24
163X283	1630	2830	780	2540	800	5	3	-				2	SI	8
163X363	1630	3630	780	3340	800	7	4	-				3	SI	27
183X243	1830	2430	980	2140	1000	6	3	2				2	SI	29
183X343	1830	3430	980	3140	1000	8	4	3				3	SI	11
183X383	1830	3830	980	3540	1000	8	5	3				3	SI	12
163X203	1630	2030	780	1740	800	3	2	-	18,4 (45,0)	250	380	2	SI	25
163X243	1630	2430	780	2140	800	4	2	-				2	SI	24
163X283	1630	2830	780	2540	800	5	3	-				2	SI	8
163X363	1630	3630	780	3340	800	7	4	-				4	SI	28
183X243	1830	2430	980	2140	1000	6	3	2				2	SI	29
183X343	1830	3430	980	3140	1000	8	4	3				3	SI	11
183X383	1830	3830	980	3540	1000	10	5	3				3	SI	12
163X203	1630	2030	780	1740	800	3	2	-	22,0 (54,0)	300	450	2	SI	25
163X243	1630	2430	780	2140	800	4	2	-				2	SI	24
163X283	1630	2830	780	2540	800	5	3	-				2	SI	8
163X363	1630	3630	780	3340	800	7	4	-				3	SI	27
183X243	1830	2430	980	2140	1000	6	3	2				2	SI	29
183X343	1830	3430	980	3140	1000	8	4	3				3	SI	11
183X383	1830	3830	980	3540	1000	10	5	3				3	SI	12
163X283	1630	2830	780	2540	800	5	3	-	29,3 (72,0)	400	550	3	SI	26
163X363	1630	3630	780	3340	800	7	4	-				4	SI	28
183X343	1830	3430	980	3140	1000	8	4	3				3	SI	11
183X363	1830	3630	980	3340	1000	8	4	3				4	SI	13
183X383	1830	3830	980	3540	1000	10	5	3				4	SI	31
183X443	1830	4430	980	4140	1000	12	6	4				4	SI	14