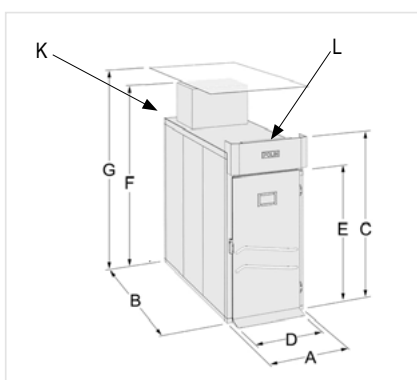


RETARDER PROVER CABINETS

FRIGOCELLA AVANT S18



(C) 2720 mm - (F) 3100 mm - (G) 3150 mm - (E) 2000 mm

TECHNICAL SPECIFICATIONS FOR INSTALLATION

MINIMUM WIDTH = $A + 50$ mm / MINIMUM DEPTH = $B + 100$ mm
MINIMUM HEIGHT FOR INSTALLATION = PLEASE SEE BOTTOM OF THE DRAWING

K = PLACEMENT OF THE WATER OUTLET AND INLET DUCTS

WATER INLET

HEIGHT: 250 cm

SECTION: 3/4 SIMILAR TO WASHING MACHINE (THE CABINET IS SUPPLIED WITH WASHING MACHINE WATER SUPPLY HOSE)

WATER OUTLET

HEIGHT: 30 < 190 cm MAXIMUM

SECTION: DIAM. 32 (THE CABINET IS SUPPLIED WITH DRAIN HOSE, DIAM. 32)

L = PLACEMENT OF POWER SUPPLY INPUT

HEIGHT: 250 cm

SECTION: DEPENDING ON THE POWER

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>80 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, injected in the floor</i>
<i>Inner surface</i>	<i>st/st AISI 304</i>
<i>Outer surface</i>	<i>Front st/st - Perimeter walls lamplast panels grey Polin</i>
<i>Ceiling outer surface</i>	<i>Lamplast panels</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>45 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-direction with double aspiration circuit</i>
<i>Evaporator</i>	<i>Specific for retarder-prover</i>
<i>Evaporator covering</i>	<i>Integral cataphoresis treatment</i>
<i>Horizontal channels</i>	<i>st/st AISI 304</i>
<i>Vertical channels</i>	<i>st/st AISI 304</i>
<i>Air speed inside the prover</i>	<i>Adjustable depending on phase and loads</i>
<i>Heating</i>	<i>INCOLOY 800 electric elements</i>
<i>Defrosting</i>	<i>INCOLOY 800 electric elements</i>

CONDENSER UNIT	
Refrigerating fluid	ODP = 0 (Ozone Depletion Potential = 0)
Refrigerating unit position	On to the ceiling or remote depending on size and needs
Condenser	Super-tropical for room temperature up to 43°C
Condenser cooling	By air
Compressor	Hermetic or semi-hermetic depending on size
Compressor cooling	Through sucked gas
HUMIDITY UNIT	
Type	Electronic with sunken electrodes (on request, humidifier for softened water)
Control and regulation	Electronic
Relative humidity range	45% - 99%
Dehumidifying	Refrigerating unit
CONTROL PANEL	
Temperature sensor	02 type NTC probe for prover inside and for inner exchanger
Humidity sensor	Electronic probe with current signal 4-20mA
Electric board	Frontal, to ease maintenance and control operations
Control and display system	Color touch-screen with exclusive software, placed at ergonomic height
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	12 programs, all can be customised
Retarder-prover cycle	Automatic from 1 to 8 phases + 1
Alarms display	Sound and visual alarm with displayed description and troubleshooting guide
Alarms log	Date, time and suration log on solid memory
Standard power supply	400/3N/50

TYPE	Overall width A	Overall length B	Useful width	Useful length	Number of doors	Door clearance	Roto racks capacity							Loaders capacity			Power consumption (max)	Output (-10°C/+45°C)	Number of internal units	
							4060	4666	4676	6065	6080	80100	80120	64x230 (L=170)	64x274 (L=214)	64x318 (L=258)				
	mm	mm	mm	mm		mm											kW	kW		
99x139	990	1390	760	935	1	760	2	1	1	1	1	--	--	--	--	--	3,7	1,7	1	
99x159		1590		1135			2	2	1	1	1	--	--	--	--	--				
99x179		1790		1335			2	2	1	2	1	--	--	--	--	--				
99x199		1990		1535			3	3	2	2	1	--	--	--	--	--	5,4	2,9		1
99x219		2190		1735			3	3	2	2	2	--	--	--	--	--				
99x239		2390		1935			4	3	2	3	2	--	--	--	--	--				
99x259		2590		2135			4	4	2	3	2	--	--	1	--	--				
99x279		2790		2335			5	4	3	3	2	--	--	1	--	--				
99x299		2990		2535			5	5	3	3	3	--	--	1	--	--				
99x319		3190		2735			6	5	3	4	3	--	--	1	1	--				
99x339		3390		2935			6	5	3	4	3	--	--	1	1	--				
99x359		3590		3135			6	6	4	4	3	--	--	1	1	1				
119x139	1190	1390	960	935	1	960	2	1	1	1	1	--	--	--	--	--	3,7	1,7	1	
119x159		1590		1135			3	2	2	1	1	--	--	--	--	--				
119x179		1790		1335			4	2	2	2	2	1	1	--	--	--				
119x199		1990		1535			4	3	3	2	2	1	1	--	--	--	5,4	2,9		1
119x219		2190		1735			5	3	3	2	2	1	1	--	--	--				
119x239		2390		1935			6	3	3	3	3	1	1	--	--	--				
119x259		2590		2135			6	4	4	3	3	2	1	1	--	--				
119x279		2790		2335			7	4	4	3	3	2	1	1	--	--				
119x299		2990		2535			8	5	5	3	3	2	2	1	--	--				
119x319		3190		2735			8	5	5	4	4	2	2	1	1	--				
119x339		3390		2935			9	5	5	4	4	2	2	1	1	--				
119x359		3590		3135			10	6	6	4	4	3	2	1	1	1				
119x139	1190	1390	800	1230	1	800	2	2	2	1	1	--	--	--	--	--	5,4	2,9	1	
119x159		1590		1430			3	2	2	2	1	--	--	--	--	--				
119x179		1790		1630			3	3	3	2	1	--	--	--	--	--				
119x199		1990		1830			3	3	3	2	2	--	--	--	--	--				
119x219		2190		2030			4	3	3	3	2	--	--	--	--	--				
119x239		2390		2230			4	4	4	3	2	--	--	--	--	--				
119x259		2590		2430			5	4	4	3	2	--	--	1	--	--	10,8	3,5	2	
119x279		2790		2630			5	5	5	3	3	--	--	1	--	--				
119x299		2990		2830			6	5	5	4	3	--	--	1	1	--				
119x319		3190		3030			6	5	5	4	3	--	--	1	1	--				
119x339		3390		3230			6	6	6	4	3	--	--	1	1	1				
119x359		3590		3430			7	6	6	5	4	--	--	1	1	1				

	TYPE	Overall width A	Overall length B	Useful width	Useful length	Number of doors	Door clearance	Roto racks capacity						Loaders capacity			Power consumption (max)	Output (-10°C/+45°C)	Number of internal units																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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TYPE	Overall width A	Overall length B	Useful width	Useful length	Number of doors	Door clearance	Roto racks capacity						Loaders capacity			Power consumption (max)	Output (-10°C/+45°C)	Number of internal units		
							4060	4666	4676	6065	6080	80100	80120	64x230 (L=170)	64x274 (L=214)				64x318 (L=258)	
	mm	mm	mm	mm		mm												kW	kW	
179x139	1790	1390	1400	1195	2	1400	4	4	3	2	2	1	1	--	--	--	5,4	2,9	1	
179x159		1590		1395			6	4	4	4	2	1	1	--	--	--				
179x179		1790		1595			6	6	4	4	3	1	1	--	--	--				
179x199		1990		1795			6	6	5	4	4	2	2	--	--	--				
179x219		2190		1995			8	6	5	6	4	2	2	--	--	--				
179x239		2390		2195			8	8	6	6	4	2	2	--	--	--				
179x259		2590		2395			10	8	6	6	5	2	2	2	--	--	10,8	5,8	2	
179x279		2790		2595			10	10	8	6	6	3	3	2	--	--				
179x299		2990		2795			12	10	8	8	6	3	3	2	2	--				
179x319		3190		2995			12	10	8	8	6	3	3	2	2	--				
179x339		3390		3195			12	12	9	8	7	3	3	2	2	2				
179x359		3590		3395			14	12	10	10	8	3	3	2	2	2	16,2	8,7	3	
179x379		3790		3595			14	14	11	10	8	4	4	2	2	2				
179x399		3990		3795			16	14	12	10	8	4	4	2	2	2				
179x419		4190		3995			16	14	12	10	9	4	4	2	2	2				
179x439		4390		4195			18	16	13	12	10	4	4	2	2	2	21,6	11,6	4	
179x459		4590		4395			18	16	13	12	10	5	5	2	2	2				
199x139	1990	1390	1600	1195	2	1600	5	4	4	2	2	1	1	--	--	--	5,4	2,9	1	
199x159		1590		1395			6	6	5	4	3	1	1	--	--	--				
199x179		1790		1595			8	6	6	4	4	1	1	--	--	--				
199x199		1990		1795			9	7	6	4	4	2	2	--	--	--				
199x219		2190		1995			10	8	7	6	4	2	2	--	--	--				
199x239		2390		2195			11	9	8	6	5	2	2	--	--	--	10,8	5,8	2	
199x259		2590		2395			12	9	9	6	6	2	2	2	--	--				
199x279		2790		2595			13	11	9	6	6	3	3	2	--	--				
199x299		2990		2795			14	12	10	8	7	3	3	2	2	--				
199x319		3190		2995			15	12	11	8	7	3	3	2	2	--				
199x339		3390		3195			16	13	12	8	8	3	3	2	2	2	16,2	8,7	3	
199x359		3590		3395			17	14	12	10	9	3	3	2	2	2				
199x379		3790		3595			18	15	13	10	9	4	4	2	2	2				
199x399		3990		3795			20	16	14	10	10	4	4	2	2	2				
199x419		4190		3995			20	17	15	12	10	4	4	2	2	2				
199x439		4390		4195			21	18	15	12	11	4	4	2	2	2	21,6	11,6	4	
199x459		4590		4395			22	18	16	12	11	5	5	2	2	2				

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							4060	4666	4676	6065	6080	80100	80120	64x230 (L=170)	64x274 (L=214)				64x318 (L=258)
	mm	mm	mm	mm		mm										kW	kW		
219x139	2190	1390	1800	1195	2	1800	6	4	4	2	2	1	--	--	--	5,4	2,9	1	
219x159		1590		1395			8	6	4	4	4	2	2	--	--				--
219x179		1790		1595			8	6	6	4	4	2	2	--	--				--
219x199		1990		1795			9	7	6	4	4	2	2	--	--	--	10,8	5,8	2
219x219		2190		1995			11	8	6	6	6	2	2	--	--	--			
219x239		2390		2195			12	10	8	6	6	4	2	--	--	--			
219x259		2590		2395			14	10	8	6	6	4	2	2	--	--			
219x279		2790		2595			14	11	8	6	6	4	4	2	--	--			
219x299		2990		2795			16	13	10	8	8	4	4	2	2	--			
219x319		3190		2995			17	13	10	8	8	4	4	2	2	--	16,2	8,7	3
219x339		3390		3195			17	14	12	8	8	6	4	2	2	2			
219x359		3590		3395			19	15	12	10	10	6	4	2	2	2			
219x379		3790		3595			20	16	12	10	10	6	4	2	2	2			
219x399		3990		3795			22	17	14	10	10	6	6	2	2	2			
219x419		4190		3995			22	18	14	12	12	6	6	2	2	2	21,6	11,6	4
219x439		4390		4195			24	20	16	12	12	8	6	2	2	2			
219x459		4590		4395			25	20	16	12	12	8	6	2	2	2			
239x139	2390	1390	2000	1195	2	2000	7	5	4	2	3	2	1	--	--	--	5,4	2,9	1
239x159		1590		1395			8	6	4	4	4	2	2	--	--	--			
239x179		1790		1595			10	8	6	4	5	2	2	--	--	--			
239x199		1990		1795			11	8	6	4	6	2	2	--	--	--	10,8	5,8	2
239x219		2190		1995			12	9	6	6	6	2	2	--	--	--			
239x239		2390		2195			14	11	8	6	7	4	2	--	--	--			
239x259		2590		2395			15	11	9	6	8	4	2	2	--	--			
239x279		2790		2595			16	12	9	6	9	4	4	2	--	--			
239x299		2990		2795			16	14	10	8	9	4	4	2	2	--	16,2	8,7	3
239x319		3190		2995			18	14	10	8	10	4	4	2	2	--			
239x339		3390		3195			19	16	12	8	11	6	4	2	2	2			
239x359		3590		3395			20	16	12	10	12	6	4	2	2	2			
239x379		3790		3595			22	17	12	10	12	6	4	2	2	2			
239x399		3990		3795			23	19	14	10	12	6	6	2	2	2	21,6	11,6	4
239x419		4190		3995			24	19	15	12	13	6	6	2	2	2			
239x439		4390		4195			26	22	16	12	14	8	6	2	2	2			
239x459		4590		4395			27	22	16	12	15	8	6	2	2	2			