

POWER PLUS

BLAST-CHILLERS / SHOCK FREEZERS

friulinox
First, quality.

POWER PLUS 402 PASS-THROUGH 2 trolleys 2/1 GN - 60X80



CONTROL PANEL FUNCTIONS

- Soft and Hard Time or Core probe blast chilling
- Soft and Hard Time or Core probe freezing
- Automatic blast chilling/freezing cycle with product density recognition (multipoint probe)
- Automatic pre-cooling key, disconnects when the door is opened
- Infinite timed cycle with settable room set-point
- 67 pre-set Menu programs
- 30 free positions for saving customised Menu programs
- Automatic storing at end of blast chilling/freezing cycle
- Automatic recognition of the core probe, if inserted into the product to blast chill/freeze
- Core probe heating
- Timed manual defrosting
- Sterilisation (optional)
- LCD coloured display
- Connection through electric clamp RS 485 to printer or PC (HACCP)
- Registration/display of the haccp alarms

GENERAL FEATURES

- Outside **8/10 stainless steel AISI 304 18/10** mm Scotch-Brite satin finish.
- Inside stainless steel AISI 304 18/10 with **rounded corners** for better cleaning
- Inside bottom and floor die-formed leakproof
- High-density expanded polyurethane insulation (about 42 kg/m³) with **thickness of 100 mm**, without HCFC
- **Floor 8/10 AISI304 18/10** stainless steel reinforced with 30/10 FeZn. Total floor height 60mm
- **Heavy duty** reinforced threshold
- **Heating element inside drainage pipe** to avoid ice formation
- **Airflow conveyors** for a perfect food temperature uniformity
- Copper - aluminum evaporator, protected with non - toxic epoxy resins through cataphoresis painting systems
- **Anti-condensation heating element** fitted in the door frame under the gasket
- Horizontal **ergonomic handle** with inside security lock
- Door with **rubber sweeper gasket** with closing hinges
- Door with **lock** and inside **safety knob**
- **Four sensors heated core probe** in blast freezer for an easy extraction
- Stainless steel internal bumpers to prevent damage by trolleys
- External guards in stainless steel to prevent damage to control panel

COOLING UNIT

- Remote condensing unit with protective cover (option)
- **Evaporators with large exchange surface** for an increased cooling performance
- Evaporators with **protective cover on hinges for inspection and cleaning**
- **Evaporator with multiple injection points** of gas for increased cooling performance.
- R404A gas
- High capacity liquid/gas **heat exchanger**
- **Thermal safety switch** for each evaporator fan module
- **Oil separator**
- **Pressure gauges** on the remote condensing unit

OPTIONS / ACCESSORIES

- **Water cooled** condensing unit
- Roll-in or Roll Through versions
- UVC germicidal lamp
- **USB** data port for HACCP data downloading
- **Printer** kit
- Chamber **LED light illumination**

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Technical Data		POWER PLUS 402
Dimensions (W x D x H) - Dimensioni (L x P x A)	mm	1840 x 3080 x 2350
Depth with 90° doors - Profondità con porte a 90°	mm	5226
Door opening width - Larghezza luce porta	mm	900
Door opening height - Altezza luce porta	mm	2020
Net Internal depth - Profondità interna netta	mm	2560
Net Internal width - Larghezza interna netta	mm	870
Insulation thickness - Spessore pannelli	mm	100
Climatic class - Classe climatica		T
Hour yield in chilling - Resa oraria in surgelazione (•)	kg/cycle	600
Hour yield in freezing - Resa oraria in surgelazione (•)	kg/cycle	400
Electric power supply - Alimentazione elettrica	V/~ /Hz	400/3/50
Input electric power - Potenza elettrica	W	5000
Max. absorbed current - Max. corrente assorbita	A	14
Capacity - Allestimento	n°	2 trolleys EN (600x800) or GN2/1 (650x530) 2 carrelli EN (600x800) o GN2/1 (650x530)
Packing wood cage (WxDxH) - Dimensioni gabbia legno	mm	(2450 x 1650 x 2050) x 2
Volume	m3	8,40 x 2
Net/gross weight - Peso netto/lordo	Kg.	430+420 / 510+500
Remote unit / code - Untà remota		
Rated output - Potenza	HP	35
Refrigerant - Refrigerante	gas	R404A
Refrigerant quantity - Quantità refrigerante	kg	-
Refrigeration capacity - Capacità refrigerazione	(*) W	66645
Electric power supply - Alimentazione elettrica	V/~ /Hz	400/3/50
Electric cable wall to RU - Cavo Alim. muro/ UMC	n° x mm ²	5 x 16
Input electric power - Potenza elettrica	W	34570
Max. absorbed current - Max. corrente assorbita	A	61,7
Net Dimensions (W x D x H) - Dim. nette (L x P x A)	mm	2370 x 1110 x 1155
Packing wood cage (WxDxH) - Dimensioni gabbia legno	mm	2480 x 1220 x 1330
Volume	m3	4,02
Net/gross weight - Peso netto/lordo	Kg.	780/910
Connections max distance 20m - Allacciamenti distanza max 20m		
Electrical cables from remote unit to cabinet Cavi elettrici da unità remota a cella	n° x mm ²	(3+1+1)x2,5 + 5x1 (comm)
Suction line - linea aspirazione	Ø mm	54
Liquid line - linea mandata	Ø mm	28

(*) temp. evap. -10°C temp. cond. +40°C

(•) HACCP: blastchilling cycle in 90' - blast freezing cycle in 240'

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