



BLAST CHILLER SHOCK FREEZER 20 TRAY ROLL-IN, AIR-COOLED  
REMOTE CONDENSING UNIT INCLUDED  
Chill Capacity. 100kg  
Freezer Capacity. 70kg

#### Main Features

**Extended Warranty** – 5/2yrs Parts and Labour

**High-Performance** – 80mm high-density (45kg/m<sup>3</sup>) rigid foam polyurethane insulation, Zero Ozone Depleting – (100% CFC & HCFC Free)

**HACCP Certified with Acoustic & Visual Alarm** – acoustic and visual HACCP alarm activated when temperatures exceed HACCP defined critical temperature and time limits. All events are recorded and stored within the controller software downloadable via USB interface

**AISI304 Construction** – entirely constructed of high-grade-food-safe stainless steel externally and internally featuring a mirror polished interior and coved ceiling and floor base with radius corners (R=12) both top and bottom, insulated floor base, heavy-duty ramp included

**Quick Chill** – product temperature of +90°C lowered to +3°C in less than <90°C measured at the core of the product. Inbuilt software continually monitors critical temperature and time limits at the core of the food throughout the entire cycle. When +3°C core temperature is achieved the blast chiller will automatically cycle into an 'infinite' preservation mode with a set temperature of +2°C until such time as it is removed

**Quick Freeze** – product temperature of +90°C lowered to -18°C in less than <240°C, measured at the core of the product. Inbuilt software continually monitors critical temperature and time limits at the core of the food throughout the entire cycle. When a -18°C core temperature is achieved the blast chiller will automatically switch into an infinite preservation mode with a set temperature of -20°C until such time as it is removed

**Multi-function Electronic Controller** – Self-adapting controller with fully programmable platform. Large synoptic display for clear text monitoring of temperatures, cycles and functions at all times. Chill and Freezer cycles include; time based cycles, HACCP defined time or temperature controlled blast chilling and freeze cycles with auto-preservation mode on cycle completion, continuous blast chilling, time or temperature controller 'Hard' or 'Soft' chilling and freezing with auto-preservation mode, continuous infinite chill and deep freeze mode

**Heated Door Frame** – door frame heater eliminates the build-up of condensation on and around the door frame

**Over-current Fuse Protection** – inbuilt thermal protection in the event of a thermal compromise to prevent or limit damage to equipment's electrical components and reduce the risk of harm to the operator caused by overloads, or electrical safety breaches in unusual circumstances

**Automatic Fan Cut-off & Door Open Alarm** – door/s are fitted with micro switch/s to turn off the cooling fans reducing ambient air in-flow ensuring the circulated cold air remains within the cabinet whilst the door/s are opened. Audible & visual 'Door Open' alarm activates when a door is left open or ajar

**+43°C Ambient (T Class)** – all cooling, mechanical components are engineered to perform reliably in a tropicalized climate of +43°C ambient

**Solid Panel Door** – self-closing AISI304 insulated stainless steel panel door with push button entrapment emergency door release device fitted internally, 180° opening with 'stop' (remains open unassisted) at 95°

**Refrigerant** – R404a refrigerant ready

<b>Manufacturer Warranty.</b>	5 Years Parts & 2 Years Labour
<b>Minimum Temperature.</b>	-40°C
<b>Rated Ambient Class.</b>	+43°C (T Class)
<b>Chill / Freeze Capacity.</b>	100kg / 70kg
<b>Origin.</b>	Italy
<b>Model</b>	AG.20NEW

#### Electrical Specification (Cell)

Supply voltage / Frequency.	240V / 50HZ
Connection rating.	9.3Amps
Connected load.	2232Watts - 2,2kW

#### Electrical Specification / Dimensions / Weight (Remote Condensing Unit)

Supply voltage / Frequency.	415V / 50HZ
Max. Consumption	15Amps
Power Input. (running)	15Amps / 3,0kW
Dimensions / mm. (unpacked)	1320W x 870D x 860H
Net / Shipped weight. (remote condensing unit only)	261kg / 300kg

#### Key Information: Integral Versions (R404a)

Internal volume capacity.	1/1GN Trolley
Number door/s.	1
Type of door. (stainless steel)	Insulated panel
Door hinged.	Right-hand side
Door entrapment release device.	Yes
Insulated floor base and ramp.	Yes
Drainage.	Required
Minimum temperature set point.	-40°C
Chill capacity.	100kg
Freeze capacity	70kg
Ambient class.	+43°C (T Class)
Minimum clearance for electrical / freon connection.	300mm (advised)
External dimensions, Width.	1350mm
External dimensions, Depth.	1230mm
External dimensions, Height.	2150mm
Overall depth with Door/s open.	2090mm
Insulation thickness.	80mm
Insulation density.	45kg/m <sup>3</sup>
Type of external material.	AISI304 Cr Ni 18/10
Type of internal material.	AISI304 Cr Ni 18/10

#### Refrigeration Data (R404a)

Controller type.	Electronic
Refrigerant type.	R404a
Refrigerant gas quantity.	9600grams
Compressor power.	5hp
Cooling capacity @ +43°C.	2,5kW
Cooling capacity @ +32°C.	***kW
Remote condensing unit. (maximum pipe run)	25 metres
Evaporator temperature	-40°C
Condensing temperature.	+47°C
Cooling system type.	Ventilated Forced Air
Defrost type.	Electrical (IDS)
Defrost waste disposal.	Drain / Tundish
Net / Shipped weight. (cell only)	300kg / 261kg

#### Refrigeration Connections

Suction Line.	ø 28mm
Liquid Line.	ø 16mm
Defrost Waste Connection.	ø 50mm

#### Marks of Conformity

HACCP, 2006/42/CE, NF, EN 60335-1, EN 60335-2-89, EN 55014-1, EN55014-2, EN 61000-3-2, EN 61000-3-3, 2004/108/CE, RoHS, RAEE, WEEE, REACH

#### Included Accessories

Interior trolley nudge bar.	Included
Insulated floor base.	Included
Stainless steel ramp.	Included
Electrical defrost.	Included
Multipoint core probe.	Included
USB port for HACCP data download.	Included

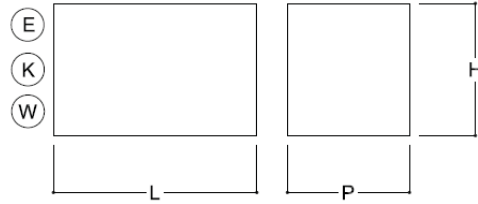
#### Versions Available

Remote. (without refrigeration unit)	AG.20C
40 Tray Capacity. (with remote condensing unit supplied)	AG.40NEW
40 Tray Capacity. (without remote condensing unit)	AG.40C

Optional Accessories	
HOTSPILL	Heated Probe
STERIL.A	UV Steriliser
OZONE	Ozone Steriliser
PRINT.A	HACCP Printer Inbuilt
PRINT.P	HACCP Printer Portable
1GN	AISI304 Stainless Steel Mobile Trolley 1/1GN
2GN	AISI304 Stainless Steel Mobile Trolley 2/1GN
EN4	AISI304 Stainless Steel Mobile Trolley EN600x400
EN8	AISI304 Stainless Steel Mobile Trolley EN600x800

**Remote Counter Data & Notes**

**Remote Connections:**  
 E - 10Amp power connection & communication cables connections to remote unit  
 K - Exit tube evaporator (suction tube) Ø 28mm  
 K - Entry tube evaporator (liquid line) Ø 16mm  
 Z - Defrost water drain off Ø 50mm



(E) = ELECTRICAL FEED LINE  
 (K) = BALL VALVE FREON  
 (W) = WATER CONNECTIONS  
 (Z) = DRAIN OFF

**SERVICES LAYOUT**

