Client _____ Quantity _____

Project _____ Position _____

Modi Active Power Blast Chiller

Model: W20PALR **Cod:** W51198100001



Modi multifunction blast chiller Power 20 trays Active version (24 basins 360x165x150 mm), temperature range -40°+65°C. It is equipped with the functions: blast chilling, blast freezing, manual cycle, thawing, proving, holding, desiccation, chocolate. Remote cooling system with R452a refrigerant gas. 4.3" touch screen and operating mode with customisable recipes, by time or with core probe. Adjustable ventilation 25-100%. Blast chilling yield +90/+3°C - 80 Kg; blast freezing yield +90/-18°C - 60 Kg. 5 heavy duty climatic class, forced air defrost. 60 mm insulation thickness - HFO with high insulation performance and low environmental impact (CFC, HCFC, HFC free). Mechanical expansion valve and anti-corrosion painted evaporator. Easily replaceable triple chamber magnetic gasket and core probe with screw connector. Exterior and interior AISI 304 stainless steel, removable fan unit and condenser cover. Equipment: 3 pairs of slides and 6 EN60x40 plastic coated shelves. ModBus/RTU Rs485 connection as standard. Cosmo: wi-fi connection for remote monitoring via Cosmo App. When wired to Coldline counters and cabinets acts as a hub for remote monitoring of connected equipment.

Technical data

Top:	4 cm thickness
Max capacity:	24 basins 360x165x150 mm or 24 ice cream containers Ø 200x200x125 mm
Gross capacity:	513 lt
Temperature range:	-40°+65°C
Ventilation range:	25% - 100%
Humidifier:	Not available
Refrigerant unit:	remote
Yield +90/+3:	80 kg
Yield +90/-18:	60 kg
Cooling gas:	R452a (GWP=2.141)
Defrost:	Forced air
Valve:	Mechanical expansion
Dimensions:	1100×1045×1843 mm
Packing dimensions:	1180×1125×1905 mm
Net / gross weight:	175 Kg / 185 Kg
Net / gross volume:	/ 513 lt
Voltage:	400-415 V - 50-60 Hz
Total rate:	1410 W - 9,23 A
Cooling capacity:	9820 W*
*:	Evap. -10°C Cond. +45°C

Features

Functions:	Blast chilling, shock freezing, thawing, proving, holding, desiccation, chocolate, manual cycle
Standard equipment:	3 slides EN60x80, 6 plastic coated EN60x40 shelves
Control:	4,3" touch screen display with USB port
Doors:	With odour control system
Door gasket:	Magnetic, triple chamber and easily replaceable
Core probe:	Needle probe with 1 reading point, quick-release and easily replaceable
Insulation:	60 mm thickness - CFC/HCFC free
Exterior/interior finishing:	Exterior and interior AISI 304 stainless steel.
Inner corners:	Rounded for easy cleaning and ensuring maximum hygiene
Handle:	Stainless steel AISI 304, 2 mm thick
Racks and slides:	Stainless steel AISI 304, quick release
Feets:	AISI 304 stainless steel adjustable h 100/150 mm
Cosmo:	Wi-Fi remote control system

In order to constantly offer the best possible products we reserve the right to make changes on technical specifications without incurring any obligation for equipment previosly or subsequently sold.

Accessories and variants

RAL customisable colouring	Open remote condensing unit W20TP
Sonda al cuore a 3 punti di lettura	Silenced faired remote condensing unit W20T
Sonda al cuore riscaldata a 1 punto di lettura	Lowered foot h 55/70 mm
Reverse door opening from standard	4 Swivel and brake castors h 128 mm
Alimentazione Monofase 50Hz oppure 60Hz	Aluminium coated backingan EN60x40 h 20 mm
Alimentazione Trifase 50Hz oppure 60Hz	Stainless steel shelf EN60x40
Alimentazione frequenza 60Hz	Plastic coated shelf EN60x40
Other special voltage	Pair of type L slides 755 mm EN60x80

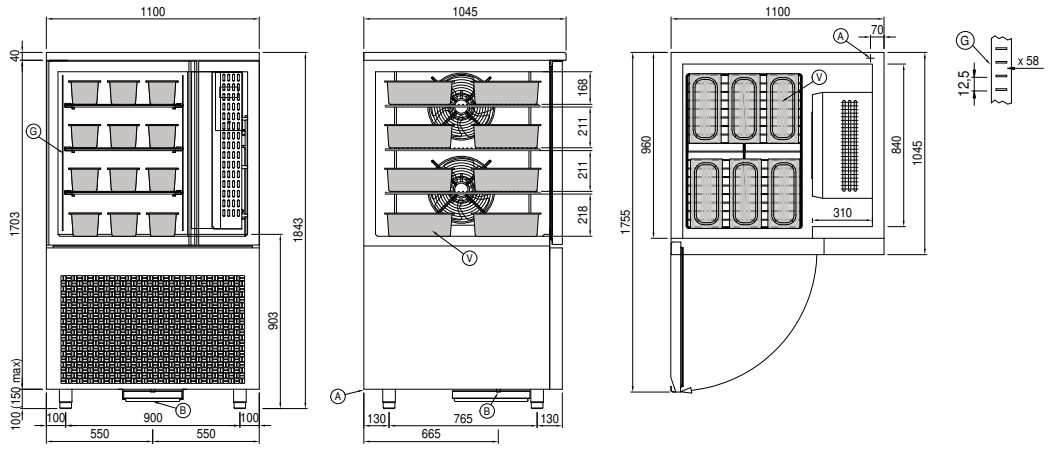
Remote unit technical data

Voltage:	400-415 V - 50-60 Hz
Cooling gas:	R404-R452a
Gross weight:	80 Kg
Dimensions:	1030×980×590 mm
Pipe delivery:	12 mm
Pipe suction:	28 mm
Cooling capacity:	Evap. -10°C Cond. +45°C

COSMO - wi-fi control

Cosmo is The Nice Kitchen's exclusive Wi-Fi technology that allows MODI blast chillers to be connected, updated and monitored from smartphones. MODI is also a Cosmo hub and allows remote supervision of the Coldline appliances connected to it. From the CosmoApp you can check the operating conditions of each machine and receive alerts in the event of abnormal operation.

Technical draw



A: Power supply cable outlet

B: Condensation water drain

G: Racks pitch

V: Basins 360x165x120h (not included)

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