

# T20-R

# Tecnomac®



## T20-R / 80

## T20-R / 110

For 1 trolley Rational SCC201

Blast chiller / blast freezer with high production for professional and community kitchens.

### GENERAL FEATURES

- Structure in stainless steel AISI 304 outside and inside
- Remote semi-hermetic condensing unit included in price to suit remote run up to 25 metres
- Chilling and freezing cycles controlled by core probe and by time
- Automatic preservation at the end of cycle
- Indirect air flow
- HARD chilling function
- Insulation in high density injected polyurethane without CFC
- Right hinged door
- Painted evaporator with easy access for cleaning and service
- Rounded internal corners
- Conic core probe for easy extraction
- Automatic and manual hot gas defrosting
- Electronic control panel with two displays indicating time and temperature
- Pre-cooling function
- Door with removable magnetic gasket
- 24 months materials and labour warranty

### OPTIONS

- Sterilising UV lamp
- Incorporated printer
- Internal data storage card with gate to insert standard USB pen drive (pen drive not included)

**NOTE:** All chill and freeze times quoted are based on using a 65mm deep GN pan filled to a height of 50mm. The chilling or freezing time will be affected by the density, water, fat and sugar content of the product.

### FUNCTIONS

#### SOFT CHILLING



Fast chilling of products from +95°C down to +3°C in less

than 90 minutes.

Air temperature 0°C.

A process for delicate products or with a maximum 2-3 cm thickness. The blast chilling process enables you to minimise bacteria proliferation increasing food safety.

#### HARD CHILLING



Very fast chilling of products from +95°C down to +3°C in less than 90 minutes.

Air temperature: below zero in the first phase, 0°C in the second phase.

A process for non-delicate products or for products with more than 2-3 cm thickness.

#### BLAST FREEZING



Very fast freezing down to -18°C at the product core in less than 240 minutes.

Air temperature: -35°C / -40°C.

Blast freezing avoids macro crystallisation of the product's water content preserving the quality, colour and fragrance of the food.

#### PRESERVATION

At the end of every cycle, the appliance will automatically switch to the required storage temperature (+3°C for blast chilling and -25°C for blast freezing). Automatic defrosting during preservation cycle.

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## INSTALLATION

The machine is supplied assembled (only the box). Electrical, hydraulic and refrigeration connections to be made on site according to local regulations and standards.

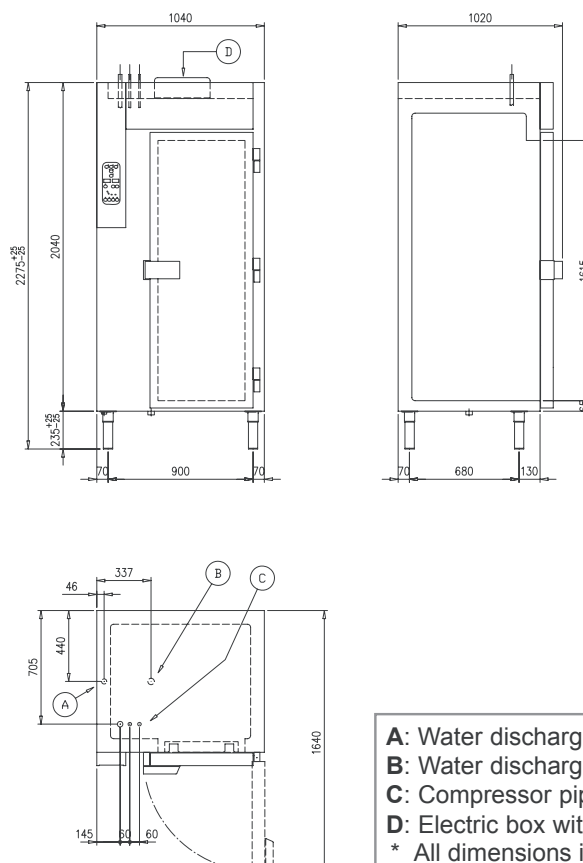
Connections to be made on site:

- Three-pole current connection
- All-pole circuit breaker in compliance with local rules and regulations (adequate amperage of the switch, etc.)
- Ground compensator
- Open siphon for water condensation discharge (A, B)
- Blue cable is the neutral

## BLASTING CAPACITY

(with ambient temperature 32°C):

	T20-R / 80	T20-R / 110
+95°C to +3°C	80 Kg	110 Kg
+95°C to -18°C	65 Kg	95 Kg



## COMPRESSOR TECHNICAL DATA

	T20-R / 80	T20-R / 110
COMPRESSOR MODEL	Semi-hermetic	Semi-hermetic
COMPRESSOR RATING	3HP	4HP
COMPRESSOR CURRENT (A)	7.3amp	8.9amp
N° FAN MOTOR (CONDENSOR FANS)	2	2
AMPERAGE FAN MOTOR	0.5+0.5	0.7+0.7
AIR FLOW (mc/h)	4800	5300
REMOTE UNIT CONNECTION (TILL 10 METERS)		
DISCHARGE CONNECTION	12 mm	12 mm
SUCTION CONNECTION	22 mm	22 mm
HOT GAS CONNECTION	10 mm	10 mm
GAS TYPE	R404A	R404A

## REMOTE UNIT DIMENSION

WIDTH	1102 mm	1102 mm
DEPTH	700 mm	700 mm
HEIGHT	571 mm	571 mm
WEIGHT	160 Kg	170 Kg

## T20 TECHNICAL DATA

	T20-R / 80	T20-R / 110
VOLTAGE	415V / 3N / 50Hz	415V / 3N / 50Hz
AVERAGE ABSORBED POWER / HR	3900W	4710W
MAX AMPERAGE	12amp	12amp
CABLE SIZE	2,5 mm² x 4	2,5 mm² x 4
DEFROSTING	HOT GAS	HOT GAS
WATER OUTLET	1½" gas	1½" gas
COOLING POWER (-10 / +40° C)	10200W	12510W

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