

Model:
 PN130A

Prodis PN130A Self Contained Nugget Ice Maker
 130 kg/24h Production | 18 kg Storage



General Information:

The Prodis PN Series is engineered to produce ‘Nugget’ ice—the most versatile ice style in our range. Created by compressing flake ice into small, dense, chewable cylinders, this ice features a remarkably low 8% residual water content. This makes it the driest form of granular ice, offering superior cooling power and high displacement. Beyond the customer experience, its porous texture allows it to absorb the flavours of the beverage it chills, making it a signature feature in high-end casual dining and cocktail bars.

Ergonomic & Intelligent Design

From premium cocktails and carbonated soft drinks to therapeutic healthcare applications, the PN Series delivers consistent, high-performance results in a professional, under-counter footprint. The unit utilizes a robust vertical stainless steel screw-conveyor auger system for maximum mechanical longevity. Designed for seamless integration, the self-contained machines feature frontal ventilation specifically engineered for built-in applications, allowing the unit to be fitted flush into custom cabinetry where space is at a premium.



KEY FEATURES

- **Dry, Compressed Nugget Ice:** Delivers exceptional cooling with minimal dilution, ideal for a wide range of beverage styles.
- **The Texture Advantage:** Porous ‘chewable’ quality absorbs beverage flavours and provides high displacement to fill glassware more effectively.
- **Intelligent Connectivity:** Equipped with Bluetooth for seamless My Ice App integration, allowing for remote programming and status monitoring.
- **Premium AISI 441 Construction:** High-grade stainless steel build with modern rounded corners for superior durability.
- **Frontal Ventilation:** Specifically designed for built-in applications, allowing the unit to be integrated where space is at a premium.
- **USB Service Port:** Provides easy access for technicians to monitor performance data and perform essential software updates.
- **Eco-Friendly R290 Performance:** Features natural hydrocarbon refrigerant to provide high cooling efficiency with low environmental impact.

TECHNICAL & OPERATIONAL FEATURES

- **Heavy-Duty Auger System:** Utilises a robust vertical stainless steel screw-conveyor for maximum mechanical resilience.
- **Intelligent Electronic Control:** Integrated management system featuring diagnostic indicators for real-time monitoring.
- **Capacitive Touch Interface:** Features a sleek, modern control panel for intuitive operation and cycle management.
- **Advanced Sensor Array:** Incorporates precision electronic sensors for the bin, evaporator, and condenser to maintain consistent ice production and protect core components.
- **Premium Construction:** Built with high-grade AISI 441 stainless steel and modern rounded corners for superior durability and high-end aesthetics.
- **Hygienic Design:** Engineered with rounded corners to eliminate “dirt traps,” simplifying food-safety compliance

INSTALLATION & MAINTENANCE

- **Built-In Optimised Design:** Features frontal ventilation specifically engineered to allow the unit to be built into custom cabinetry where space is at a premium.
- **Front-Access Maintenance:** Equipped with an extractable front-facing air filter for easy routine cleaning to ensure the machine operates at peak efficiency.
- **Plug & Play:** Supplied with a 1.85m lead and moulded UK 13A plug for immediate installation.
- **USB Service Port:** Provides easy access for technicians to monitor performance data, view service history, and perform software updates.
- **Optional Ozone Sanitisation:** Eligible for an optional kit that automatically eliminates bacteria and viruses to ensure ice safety.

SPECIFICATION PN130A

DIMENSION & WEIGHT DATA

External dimensions (W x D x H mm)	500 x 606 x 700 / 1016
Packaged dimensions (W x D x H mm)	560 x 650 x 970
Net weight	50 kg
Gross weight	57 kg

PRODUCTION & STORAGE DATA

Production kg/24h @ 10°C air & water temperatures	130 kg
Residual water content	8%
Ice weight	1.1 g
Storage capacity	18 kg

ELECTRICAL & WATER DATA

Voltage	220-240/50/1N
Total power	570 W
Fuse	13 A
kWh/100kg	14.2 kWh
Litres per hour	4 litres

REFRIGERANT DATA

Refrigerant	R290
Refrigerant charge	g
Heat expelled	1707 W
Air volume	300 m³/h
Compressor Wattage	634 W
COP	1.11

OPERATING REQUIREMENTS

Ambient temperature range	10°C to 40°C
Water temperature range	5°C to 35°C
Water pressure	1 Bar (14 psi) to 10 Bar (140 psi)
Water conductivity	20µS to 500µS (Microsiemens)

Ice Production kg/24h

Air Temp.	Water Temperature			
	10°C	15°C	21°C	32°C
10°C	130kg	125kg	121kg	112kg
21°C	118kg	116kg	112kg	103kg
32°C	98kg	95kg	91kg	85kg
38°C	83kg	81kg	77kg	71kg

Standard Features



Front Venting



Hydrocarbon Refrigerant



Crystal Clear Ice Cubes



Automatic Cleaning



Capacitive Touch



AISI441 Stainless



USB Connectivity



App Ready

Optional Features¹



Extended Feet



Ozone Sanitisation



Drain Pump



WiFi Connectivity

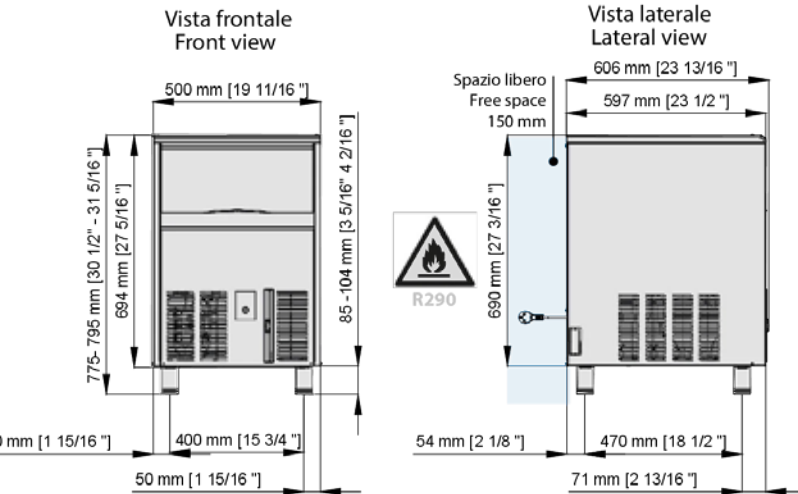


RTC Nano-Tech Evaporator

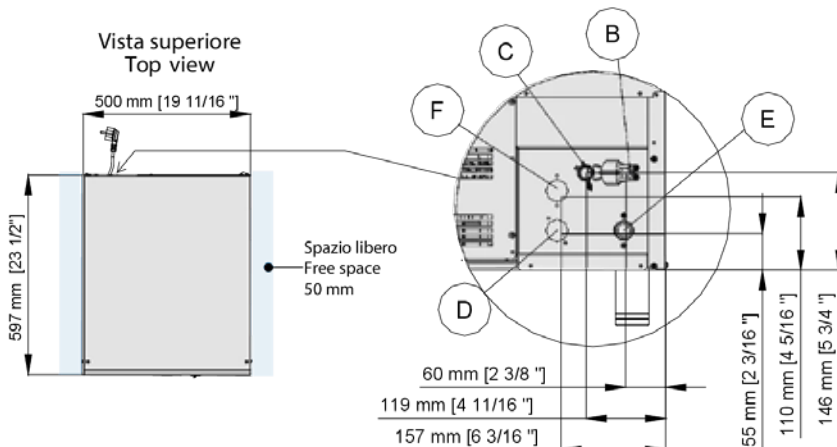


Water Cooled Condenser

Dimensional Drawings



- B** Ingresso alimentazione elettrica
Electrical cable supply
- C** Attacco scarico acqua
Water outlet connection
Ø 20 mm
- D** Uscita acqua condensatore ad acqua/Water outlet connection
water condensation 3/4"G
- E** Attacco entrata acqua
Water inlet connection
3/4"G
- F** Entrata acqua condensatore ad acqua / Water inlet connection
water condensation 3/4"G



Kit 4 Feet
Kit 4 piedini
Ø50mm H100-120 mm

