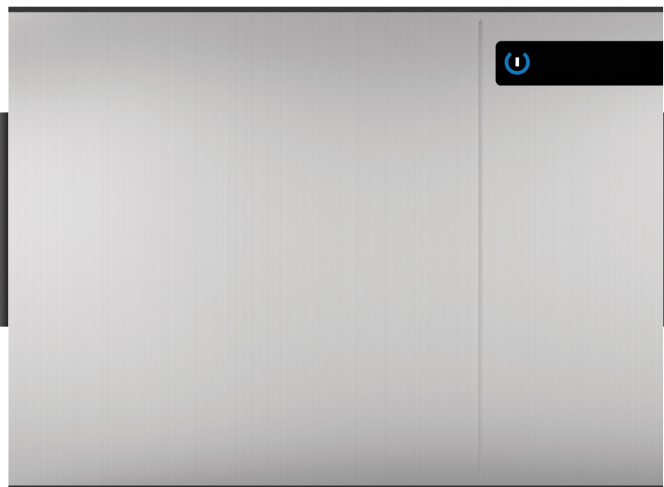


Model:
PC205A

Prodis PC205A Modular Ice maker
High-Capacity Dice Cube Production | 220 kg/24h Production | Heavy-Duty Modular System

General Information:

The Prodis PC205A is a professional-grade modular ice system engineered for demanding, high-traffic venues that require a continuous and substantial supply of premium dice cubes. Delivering a formidable 220 kg of crystal-clear ice per 24 hours, this unit utilises a wider 760mm chassis designed to perfectly match our larger, high-capacity PX storage silos. By decoupling production from storage, the PC205A puts you in total control, allowing you to scale your ice reserves to flawlessly meet the demands of your busiest service windows. Powered by eco-friendly hydrocarbon technology, this heavy-duty system combines industrial resilience with intelligent digital oversight, making it a cornerstone for modern, high-volume hospitality operations.



KEY FEATURES

- **High-Volume Output:** Delivers a reliable output of 220 kg per 24 hours, ensuring your venue is always full stocked for peak service windows.
- **Intelligent Connectivity:** Equipped with Bluetooth technology for seamless integration with the My Ice App, providing remote status monitoring and complete cycle management from your smartphone.
- **Capacitive Touch Interface:** Features a sleek, modern control panel that allows for intuitive operation and the programming of bespoke ice production schedules.
- **Modular Flexibility:** Engineered to function flawlessly alongside our PX series storage silos, offering a tailored ice solution that adapts to your specific floor plan and capacity requirements.
- **Heavy-Duty Chassis:** Engineered with a robust 760mm width, providing a perfect structural and visual match for our high-capacity PX205 and PX255 storage bins.

TECHNICAL & OPERATIONAL FEATURES

- **Eco-Friendly Refrigeration:** Utilises highly efficient R290 natural hydrocarbon refrigerant, boasting a near-zero Global Warming Potential (GWP of 3) while significantly reducing daily energy consumption.
- **Optimised Energy Draw:** Operates with a highly efficient 1100 W power consumption profile, balancing high-speed 220 kg production with sustainable running costs.
- **Precision Sensors:** Incorporates advanced electronic sensors for the evaporator and water levels to guarantee consistent ice formation and protect critical internal components.
- **Premium Construction:** Housed in a robust stainless steel exterior designed to withstand the rigorous daily demands of commercial kitchens and bars.

INSTALLATION & MAINTENANCE

- **Integrated USB Port:** Provides service technicians with effortless access to download crucial HACCP data, review performance reports, and perform vital software updates.
- **Automated Diagnostics:** Features a predictive malfunction analysis system alongside acoustic and luminous alarms, ensuring any operational issues are identified immediately.
- **Simplified Maintenance:** Equipped with an extractable air filter that is easily removable and washable, alongside compatibility with an optional factory-order ozone sanitisation kit to maintain a sterile internal environment.
- **Plug & Play:** Supplied with a 1.85m lead for immediate installation.
- **USB Service Port:** Provides easy access for technicians to monitor performance data, view service history, and perform software updates.

SPECIFICATION PC205A

DIMENSION & WEIGHT DATA

External dimensions (W x D x H mm)	760 x 620 x 575
Packaged dimensions (W x D x H mm)	830 x 690 x 740
Net weight	70 kg
Gross weight	85 kg

PRODUCTION & STORAGE DATA

Production kg/24h @ 10°C air & water temperatures	220 kg
Pieces per cycle	234
Ice Size	22 x 24 x 22 (10g) mm
Storage Silo Suggestion	PX255

ELECTRICAL & WATER DATA

Voltage	220-240/50/1N
Total power	1100 W
Fuse	16 A
kWh/100kg	13.6 kWh
Litres per hour	10 litres

REFRIGERANT DATA

Refrigerant	R290
Refrigerant charge	150g
Heat expelled	2760 W
Air volume	850 m ³ /h
Compressor Wattage	1661 W
COP	1.51

OPERATING REQUIREMENTS

Ambient temperature range	10°C to 43°C
Water temperature range	10°C to 32°C
Water pressure	1 Bar (14 psi) to 10 Bar (140 psi)
Water conductivity	10µS (Microsiemens) at 25°C ambient

Ice Production kg/24h

Air Temp.	Water Temperature			
	10°C	15°C	21°C	32°C
10°C	220kg	214kg	200kg	172kg
21°C	205kg	200kg	186kg	163kg
32°C	165kg	160kg	155kg	136kg
38°C	141kg	138kg	134kg	121kg

Standard Features



High Capacity



Hydrocarbon Refrigerant



Automatic Cleaning



AISI441 Stainless



Capacitive Touch



USB Connectivity



Dice Shaped Ice Cubes



App Ready

Optional Features¹

WiFi Connectivity



RTC Nano-Tech Evaporator

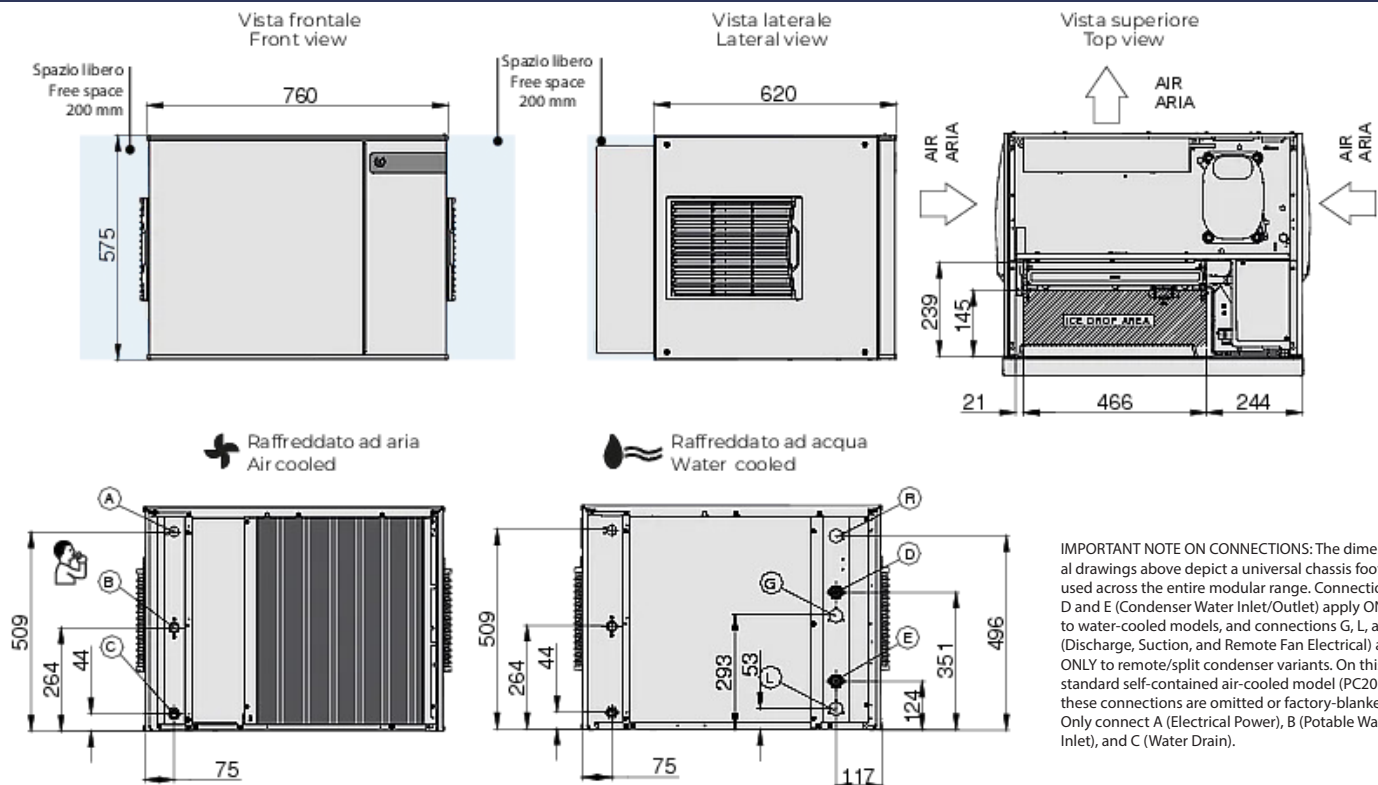


Ozone Sanitisation



Water Cooled Condenser

Dimensional Drawings



IMPORTANT NOTE ON CONNECTIONS: The dimensional drawings above depict a universal chassis footprint used across the entire modular range. Connections D and E (Condenser Water Inlet/Outlet) apply ONLY to water-cooled models, and connections G, L, and R (Discharge, Suction, and Remote Fan Electrical) apply ONLY to remote/split condenser variants. On this standard self-contained air-cooled model (PC205A), these connections are omitted or factory-blanked. Only connect A (Electrical Power), B (Potable Water Inlet), and C (Water Drain).

(A) Ingresso alimentazione elettrica
Electrical cable supply

(B) Ingr. acqua potabile 3/4" G
Potable water inlet 3/4" G

(C) Scarico acqua Ø 20mm
Water drain Ø20mm

(D) Ingresso acqua cond. 3/4" G
Condenser water inlet 3/4" G

(E) Uscita acqua cond. 3/4" G
Condenser water outlet 3/4" G

(G) Mandata gas linea split 1/2" connessione rapida maschio
Discharge gas split line 1/2" male quick connection

(L) Aspirazione gas linea split 1/2" connessione rapida maschio
Suction gas split line 1/2" male quick connection

(R) Connessione alimentazione per ventilatore condensatore remoto
Remote electrical connection for condenser fans