

Model:
PC145A

Prodis PC145A Slimline Modular Icemaker
High-Capacity Dice Cube Production | 145 kg/24h Production | Advanced Digital Control



General Information:

The Prodis PC145A is a professional-grade modular ice system engineered for venues that demand continuous, high-volume dice cube production without compromising on valuable floor space. Boasting a unique slimline footprint of just 560mm wide, this unit is a class leader in spatial efficiency. When coupled perfectly with our dedicated PX155 storage silo, the complete system measures a mere 568mm in width, offering an unrivalled capacity-to-footprint ratio for space-constrained professional environments. Capable of producing up to 145 kg of crystal-clear ice per 24 hours, the PC145 is powered by eco-friendly hydrocarbon technology, delivering industrial resilience and intelligent digital oversight for the modern hospitality sector.



KEY FEATURES

- **High-Volume Output:** Delivers a reliable output of 145 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.
- **Unique Slimline Footprint:** The machines ultra-compact 560mm width is specifically engineered to maximise production in tight back-bar and kitchen layouts.

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 650 W power consumption profile, balancing high-speed 145 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

- **Ultra-Compact Pairing:** The machine's 560mm width integrates flawlessly with the PX155 storage bin, creating a complete high-capacity solution with a total system width of only 568mm.
- **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 PC145A

DIMENSION & WEIGHT DATA

External dimensions (W x D x H mm)	560 x 620 x 575
Packaged dimensions (W x D x H mm)	630 x 690 x 740
Net weight	53 kg
Gross weight	65 kg

PRODUCTION & STORAGE DATA

Production kg/24h @ 10°C air & water temperatures	145 kg
Pieces per cycle	168
Ice Size	22 x 24 x 22 (10g) mm
Storage Silo Suggestion	PX155

ELECTRICAL & WATER DATA

Voltage	220-240/50/1N
Total power	650 W
Fuse	13 A
kWh/100kg	13 kWh
Litres per hour	7.7 litres

REFRIGERANT DATA

Refrigerant	R290
Refrigerant charge	140g
Heat expelled	1781 W
Air volume	590 m ³ /h
Compressor Wattage	1131 W
COP	1.74

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	145kg	143kg	139kg	122kg
21°C	134kg	130kg	124kg	110kg
32°C	111kg	108kg	106kg	95kg
38°C	99kg	96kg	89kg	81kg

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

