

Phoenix Series

The Phoenix series is the cornerstone of Aristarco s professional ice line. Elegance, solidity, and innovation come together to create full, crystal-clear, compact ice cubes designed to chill for a long time without diluting, yet enhancing every drink. Available in M (18 g) and L (36 g) formats, they meet all the needs of bars, hotels and restaurants alike.

The horizontal evaporator spray system guarantees pure and transparent cubes, while the natural refrigerant R290 ensures efficiency while being eco-friendly. Made entirely of stainless steel, Phoenix combines strength, versatility and intelligent control thanks to its new ECI electronics, for a simple, intuitive and always-connected management.

Solid cube
Spray system

Fields of application

Hotels	●●●●●○
Restaurants	●●●●●○
Fast Food	●○○○○○
Bars	●●●●●○
Discos	●●●●●○
Fish markets	○○○○○○
Supermarkets	○○○○○○
Medical & SPA	○○○○○○
Industries	○○○○○○

Type of ice

M Solid cube (M) 18 g
Ø 33 x 30(H) mm
108 pcs per cycle

L Solid cube (L) 36 g
Ø 42 x 45(H) mm
60 pcs per cycle

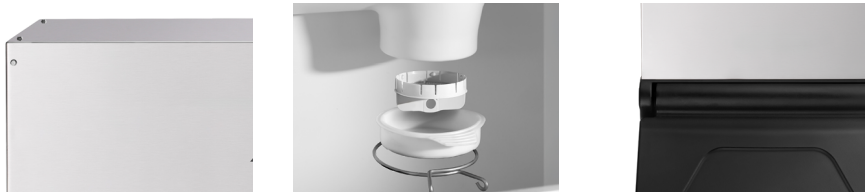
Product



Highlights

- Solid gourmet ice cube, compact and crystal-clear
- Solid stainless steel structure
- Easy cleanable internal rounded surfaces
- Natural gas R290 with GWP 3
- RoHS Free
- Electronic management with 6-character LED display, multicoloured on/off button and self-diagnostic system
- Cleaning Cycle: sanitizes the system by recirculating water with a suitable cleaning product, without activating the compressor
- Air or water cooling system
- Tropical-class machine (+43°C), suitable for installation in extreme conditions
- Dual water inlet system with twin solenoid valves for efficient water supply (water cooled model)
- Air condenser filter, easily removable and cleanable
- Easily accessible tray drain plug and pump filter for fast and simple cleaning
- Easy to access for maintenance

Details



Recommended bins

- ST S 250 (250 Kg / 551 lbs), ST S 400 (400 Kg / 882 lbs)

Package contents

- N° 1 Inlet hose
- N° 1 Inlet hose for cooling (water-cooled versions only)
- N° 1 Drain hose

Options and installation kits

- Star connect Wifi (WIFI)
- Special voltages
- Water treatment

Certifications



Operating conditions

	Min.	Max.
Ambient temperature	10 °C / 50 °F	43 °C / 110 °F
Water temperature	5 °C / 41 °F	38 °C / 100 °F
Water hardness	5 °f / 2.8 °d	20 °f / 11,3 °d
Water inlet pressure	1 bar (14 psi)	5 bar (72 psi)
Electrical voltage	-10%	+10%

Technical features

Dimensions (WxDxH)	865x530x785 mm
Net weight	84 kg / 185 lbs
Type of ice	Solid cube
Cooling system	A/W
Type of refrigerant	R 290
Electrical supply	230 V 50 Hz
Compressor (ASHRAE conditions)	2.910 W
Average power consumption	1.340 W
Fuse	10 A
Electrical consumption	22,86 kWh/100Kg
Water consumption	A = 15,5 l/h W = 128 l/h
Heat rejected	2.020 W 6.891 BTu/h
Noise level	< 70 dB

All the technical information must be considered at the following conditions:

Dimensions without feet
Standard cube (18 g)
Standard Voltage (50 Hz)
Ambient temperature +32° C
Water temperature +21° C

Performances

Air cooled system

Room temp.	Water temp.	Prod. in 24h
10° C / 50° F	10° C / 50° F	162 Kg / 357 lbs
21° C / 70° F	15° C / 60° F	160 Kg / 353 lbs
32° C / 90° F	21° C / 70° F	145 Kg / 320 lbs

Water cooled system

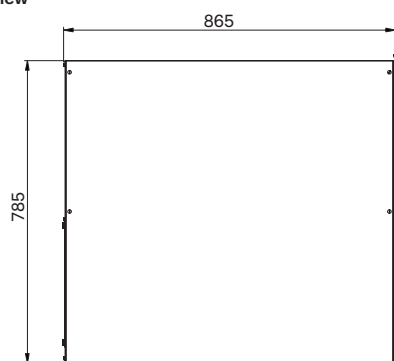
Room temp.	Water temp.	Prod. in 24h
10° C / 50° F	10° C / 50° F	162 Kg / 357 lbs
21° C / 70° F	15° C / 60° F	160 Kg / 353 lbs
32° C / 90° F	21° C / 70° F	145 Kg / 320 lbs

Logistic

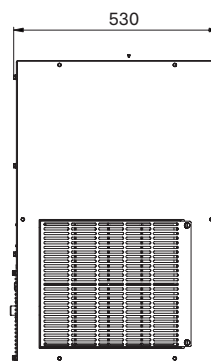
Packing dimensions (WxDxH)	570x900x930 mm 0,48 m3
Gross weight	96 Kg / 212 lbs

Installation diagram

Frontal view

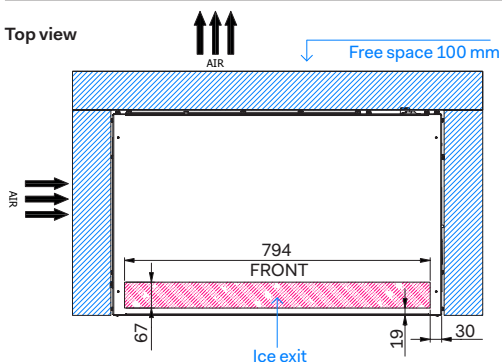


Lateral view

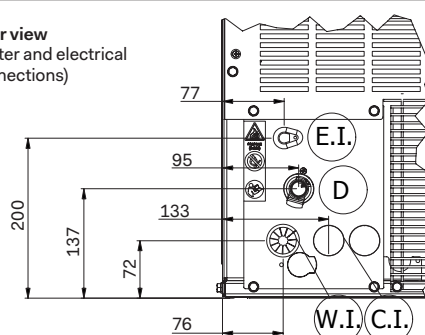


*All dimensions are expressed in mm

Top view



Rear view (Water and electrical connections)



E.I. POWER CABLE
3x1,5 mm2

D DRAIN HOSE
Ø 27 mm L=2 m

W.I. INLET HOSE
3/4" L=2 m

C.I. INLET HOSE FOR COOLING
3/4" L=2 m