

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
216 pcs per cycle

L Solid cube (L) 36 g
Ø 42 x 45(H) mm
120 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 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
- N° 1 Cooling drain hose (water-cooled versions only)

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)	1255x580x790 mm
Net weight	152 kg / 335 lbs
Type of ice	Solid cube
Cooling system	A/W
Type of refrigerant	R 290
Electrical supply	230 V 50 Hz
Compressor (ASHRAE conditions)	5.820 W
Average power consumption	2.590 W
Fuse	20 A
Electrical consumption	24,47 kWh/100Kg
Water consumption	A = 23,2 l/h W = 219,5 l/h
Heat rejected	3.830 W 13.068 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	320 Kg / 705 lbs
21° C / 70° F	15° C / 60° F	318 Kg / 701 lbs
32° C / 90° F	21° C / 70° F	270 Kg / 595 lbs

Water cooled system

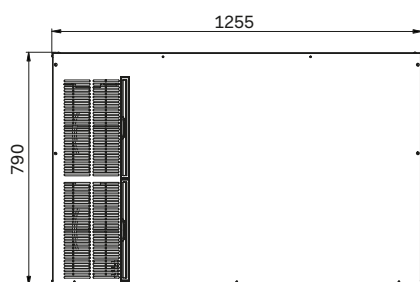
Room temp.	Water temp.	Prod. in 24h
10° C / 50° F	10° C / 50° F	330 Kg / 727 lbs
21° C / 70° F	15° C / 60° F	320 Kg / 705 lbs
32° C / 90° F	21° C / 70° F	300 Kg / 661 lbs

Logistic

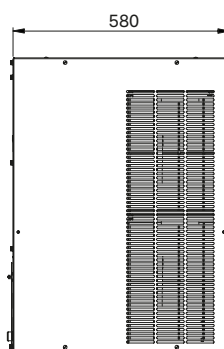
Packing dimensions	630x1295x950 mm
(WxDxH)	0,78 m3
Gross weight	164 Kg / 362 lbs

Installation diagram

Frontal view

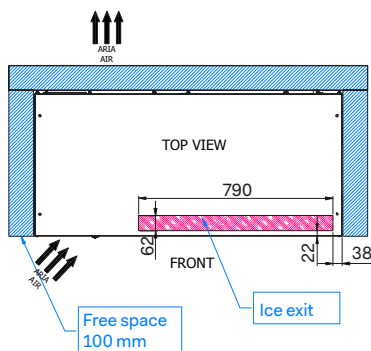


Lateral view

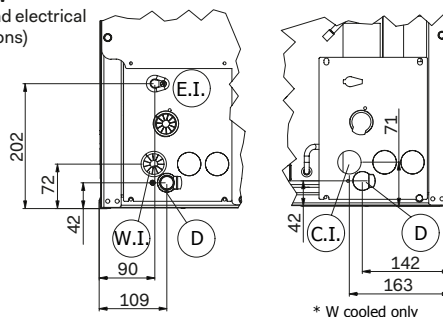


*All dimensions are expressed in mm

Top view



Rear view
(Water and electrical connections)



* W cooled only

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