

PHE 100.55

Back counter

100 Kg self-contained ice maker Spray system

ARISTARCO

Type 5036-5038-5080-5082

Phoenix Series

Solid cube
Spray system

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.

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
64 pcs per cycle

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

Product



Highlights

- Solid gourmet ice cube, compact and crystal-clear
- Solid stainless steel structure
- Disappearing insulated door, for easy and immediate access to the storage bin
- Storage bin insulated with HCFC-free expanded polyurethane foam, for optimal ice preservation
- 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)
- Front ventilation, ideal for reduced spaces (air cooled versions only)
- Front-access 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



Package contents

- N° 1 Inlet hose
- N° 1 Inlet hose for cooling (water-cooled versions only)
- N° 1 Drain hose
- N° 1 Ice scoop
- N° 4 Height-adjustable feet

Options and installation kits

- Integrated drain pump (DP)
- Star connect Wifi (WIFI)
- Special voltages
- Water treatment

Certifications



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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)	736x620x985 mm
Net weight	81 kg / 179 lbs
Store capacity	55 Kg / 121 lbs
Type of ice	Solid cube
Cooling system	A/W
Type of refrigerant	R 290
Electrical supply	230 V 50 Hz
Compressor (ASHRAE conditions)	2.120 W
Average power consumption	1.050 W
Fuse	10 A
Electrical consumption	29,00 kWh/100Kg
Water consumption	A = 11,6 l/h W = 97.7 l/h
Heat rejected	1.480 W 5.043 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	105 Kg / 231 lbs
21° C / 70° F	15° C / 60° F	98 Kg / 216 lbs
32° C / 90° F	21° C / 70° F	88 kg / 194 lbs

Water cooled system

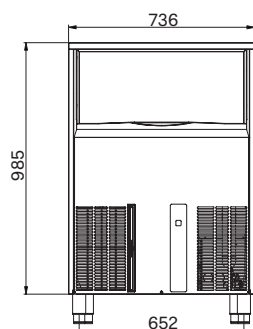
Room temp.	Water temp.	Prod. in 24h
10° C / 50° F	10° C / 50° F	96 Kg / 212 lbs
21° C / 70° F	15° C / 60° F	93 Kg / 205 lbs
32° C / 90° F	21° C / 70° F	86 Kg / 190 lbs

Logistic

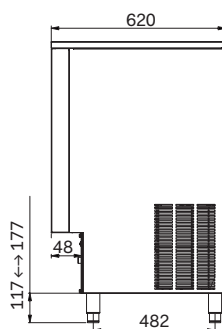
Packing dimensions (WxDxH)	670x785x1140 mm 0,60 m3
Gross weight	89,5 Kg / 197 lbs

Installation diagram

Frontal view

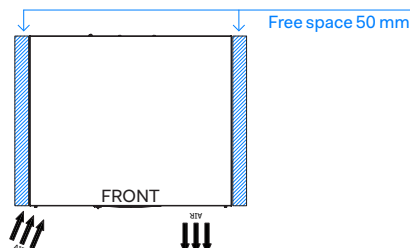


Lateral view

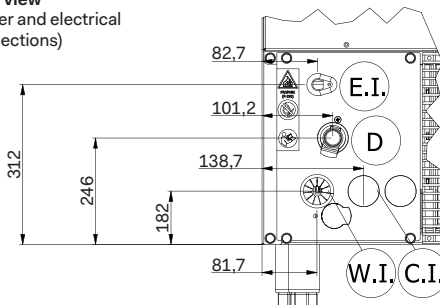


*All dimensions are expressed in mm

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