

PHE 80.40

Back counter

80 Kg self-contained ice maker Spray system

ARISTARCO

Type 5032-5034-5076-5078

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)	736x620x900 mm
Net weight	75 kg / 165 lbs
Store capacity	40 Kg / 88 lbs
Type of ice	Solid cube
Cooling system	A/W
Type of refrigerant	R 290
Electrical supply	230 V 50 Hz
Compressor (ASHRAE conditions)	1.440 W
Average power consumption	860 W
Fuse	10 A
Electrical consumption	31,35 kWh/100Kg
Water consumption	A = 9,8 l/h W = 92.7 l/h
Heat rejected	1.190 W 4.050 BTu/h
Noise level	< 70 dB

Performances

Air cooled system		
Room temp.	Water temp.	Prod. in 24h
10° C / 50° F	10° C / 50° F	84 kg / 185 lbs
21° C / 70° F	15° C / 60° F	78 Kg / 172 lbs
32° C / 90° F	21° C / 70° F	65 Kg / 143 lbs

Water cooled system		
Room temp.	Water temp.	Prod. in 24h
10° C / 50° F	10° C / 50° F	90 Kg / 198 lbs
21° C / 70° F	15° C / 60° F	84 Kg / 185 lbs
32° C / 90° F	21° C / 70° F	77 Kg / 170 lbs

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

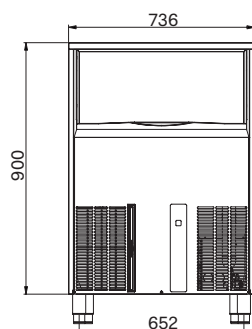
Dimensions without feet
Standard cube (18 g)
Standard Voltage (50 Hz)
Ambient temperature +32° C
Water temperature +21° C

Logistic

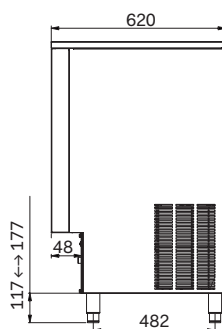
Packing dimensions (WxDxH)	670x785x1060 mm 0,56 m3
Gross weight	83,5 Kg / 184 lbs

Installation diagram

Frontal view

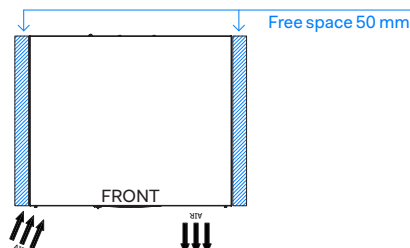


Lateral view

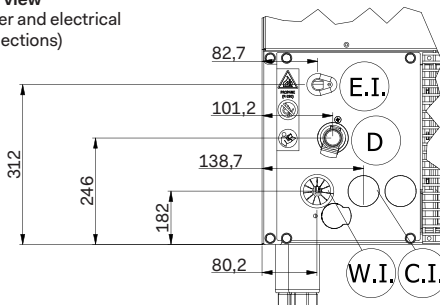


*All dimensions are expressed in mm

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