

PHE 140.70

Back counter

140 Kg self-contained ice maker Spray system

ARISTARCO

Type 5040-5042-5084-5086

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
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
- 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



PHE 140.70

Back counter

140 Kg self-contained ice maker

Spray system

ARISTARCO

Type 5040-5042-5084-5086

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)	840x760x985 mm
Net weight	96 Kg / 212 lbs
Store capacity	70 kg / 154 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	1.100 W
Fuse	10 A
Electrical consumption	23,07 kWh/100Kg
Water consumption	A = 12,5 l/h W = 113 l/h
Heat rejected	1.650 W 5.645 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	140 Kg / 309 lbs
21° C / 70° F	15° C / 60° F	138 Kg / 304 lbs
32° C / 90° F	21° C / 70° F	123 Kg / 271 lbs

Water cooled system

Room temp.	Water temp.	Prod. in 24h
10° C / 50° F	10° C / 50° F	148 Kg / 328 lbs
21° C / 70° F	15° C / 60° F	148 Kg / 326 lbs
32° C / 90° F	21° C / 70° F	132 Kg / 291 lbs

Logistic

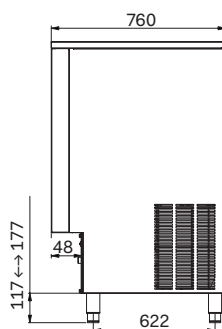
Packing dimensions (WxDxH)	805x890x1140 mm 0,82 m3
Gross weight	108 Kg / 238 lbs

Installation diagram

Frontal view

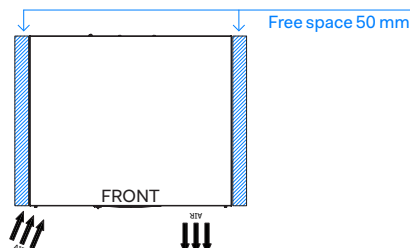


Lateral view

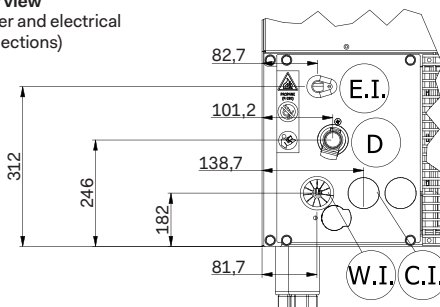


*All dimensions are expressed in mm

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