KV 25/7
Undercounter

Type 5430-5432

25 Kg self-contained ice maker
Paddle system

KASTEL

KV Series

Hollow cube
Paddle system

The KV series combines efficiency, speed and advanced technology to guarantee consistent performance even with particularly hard water.
The distinctive hollow structure of the cube, obtained through a paddle system with evaporator fingers, provides a large heat-exchange surface for rapid and effective cooling of the drinks.

Thanks to the natural refrigerant R290, the KV series ensures quiet operation, energy efficiency and reduced environmental impact.
Manufactured in stainless steel and ideal for built-in installation, KV integrates an electronic control with self-diagnosis and dedicated cleaning cycles, for precise, hygienic and consistently professional management operation.

Fields of application

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

Type of ice

Hollow cube 21 g
29 x 32,5 x 41(H) mm
15 pcs per cycle

Product

Highlights

- Hollow cube with a large cooling surface
- Solid stainless steel structure
- Sportello isolato con apertura verso l'esterno, per un accesso semplice e immediato al contenitore del ghiaccio
- Easy cleanable internal rounded surfaces
- Natural gas R290 with GWP 3
- RoHS Free
- Electronic management with 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
- Front ventilation, ideal for reduced spaces (air cooled versions only)
- Front-access air condenser filter, easily removable and cleanable

Details

Package contents

N° 1 Inlet hose
N° 2 Drain hose
N° 1 Ice scoop
N° 4 H=10 mm feet

Options and installation kits

- Special voltages
- KIT 4 height-adjustable feet (cod. 8095-0059)
- Water treatment

Certifications

Aristarco S.p.A.
CF/PI/VAT IT01823140262

Via del Lavoro, 30 - 31033
Castelfranco Veneto, TV - Italy

T +39 0423 425611
M info@aristarco.it

www.aristarco.it

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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%

Performances

Air cooled system

Room temp.	Water temp.	Prod. in 24h
10° C / 50° F	10° C / 50° F	26 Kg / 57 lbs
21° C / 70° F	**15° C / 60° F**	**24 Kg / 53 lbs**
32° C / 90° F	21° C / 70° F	18 Kg / 40 lbs

Water cooled system

Room temp.	Water temp.	Prod. in 24h
10° C / 50° F	10° C / 50° F	26 Kg / 57 lbs
21° C / 70° F	**15° C / 60° F**	**25 Kg / 55 lbs**
32° C / 90° F	21° C / 70° F	22 Kg / 49 lbs

Technical features

Dimensions (WxDxH)	340x545x690 mm
Net weight	30 kg / 66 lbs
Store capacity	7 Kg / 15 lbs
Type of ice	Hollow cube
Cooling system	A/W
Type of refrigerant	R 290
Electrical supply	230 V 50 Hz
Compressor (ASHRAE conditions)	354 W
Average power consumption	200 W
Fuse	10 A
Electrical consumption	26,10 kWh/100Kg
Water consumption	A = 2,1 l/h W = 28,5 l/h
Heat rejected	514 W
Noise level	< 70 dB

All the technical information must be considered at the following conditions:
Dimensions without feet
Standard Voltage (50 Hz)
Ambient temperature +32° C
Water temperature +21° C

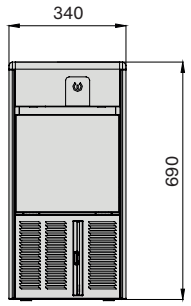
Logistic

Packing dimensions (WxDxH)	600x460x850 mm 0,24 m3
Gross weight	37 kg / 82 lbs

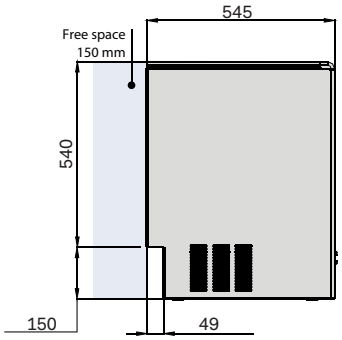
Installation diagram

*All dimensions are expressed in mm

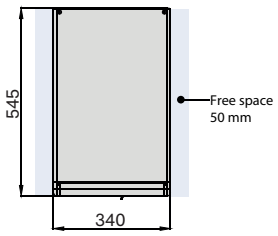
Frontal view



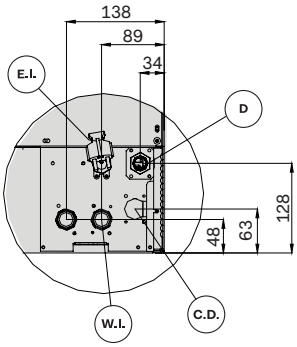
Lateral view



Top view



Rear view
(Water and electrical connections)



E.I. POWER CABLE 3x1,5 mm2

D DRAIN HOSE Ø 20 mm L=2 m

C.D. DRAIN HOSE FOR COOLING 3/4" L=1,5 m

W.I. INLET HOSE 3/4" L=1,5 m

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