PIC 280
Modular

Type 5518-5519

280 Kg modular ice maker
Vertical evaporator system

Pictor Series

Dice cube
Vertical evaporator system

The Pictor series combines the ideal solution for QSRs (Quick Service Restaurants) and coffee shop chains. The classic six-sided solid cube, created by a high-yield vertical copper evaporator, guarantees rapid and uniform cooling of drinks, with efficiency close to 100%.

Available in three formats - Half-Dice 6g, Dice 10g and Large-Dice 17g they offer operational flexibility and reduced water consumption, thanks to the natural refrigerant R290.
Manufactured in stainless steel and ideal for built-in installation, the KQ series integrates an electronic control with self-diagnosis and dedicated cleaning cycles, combining structural robustness with precise,

Fields of application

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

Type of ice

HD — Half dice cube (HD) 6 g
10 x 29 x 24(H) mm
370 pcs per cycle

D — Dice cube (D) 10 g
22 x 22 x 24(H) mm
234 pcs per cycle

LD — Large dice cube (LD) 17 g
29 x 29 x 24(H) mm
140 pcs per cycle

Product



Highlights

- Dice, Half dice or Large dice solid ice cubes for maximum cooling surface
- Solid stainless steel structure
- 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
- Dual water inlet system with twin solenoid valves for efficient water supply (water cooled model)
- Air condenser filter, easily removable and cleanable
- Easy to access for maintenance

Details







Recommended bins

- ST S 200 (180 Kg / 397 lbs), ST S 250 (250 Kg / 551 lbs), 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

- Special voltages
- Water treatment

Certifications

Aristarco S.p.A.
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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)	760x620x575 mm
Net weight	71 kg / 157 lbs
Type of ice	Dice cube
Cooling system	A/W
Type of refrigerant	R 290
Electrical supply	230 V 50 Hz
Compressor (ASHRAE conditions)	2.142 W
Average power consumption	1.250 W
Fuse	16 A
Electrical consumption	14,40 kWh/100Kg
Water consumption	A = 11,6 l/h W = 96,8 l/h
Heat rejected	3.242 W
Noise level	< 70 dB

All the technical information must be considered at the following conditions:
Dimensions without feet
Standard cube (10 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	300 Kg / 661 lbs
21° C / 70° F	**15° C / 60° F**	**280 Kg / 617 lbs**
32° C / 90° F	21° C / 70° F	220 Kg / 485 lbs

Water cooled system

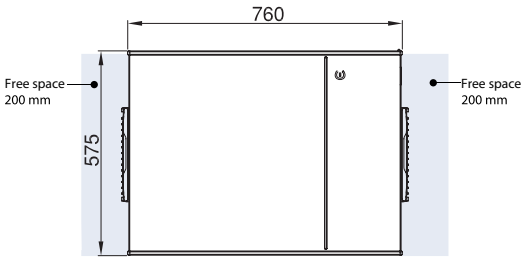
Room temp.	Water temp.	Prod. in 24h
10° C / 50° F	10° C / 50° F	270 Kg / 595 lbs
21° C / 70° F	**15° C / 60° F**	**255 Kg / 562 lbs**
32° C / 90° F	21° C / 70° F	230 Kg / 507 lbs

Logistic

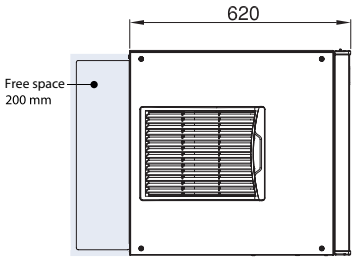
Packing dimensions (WxDxH)	690x830x740 mm 0,42 m3
Gross weight	86 Kg / 190 lbs

Installation diagram

Frontal view

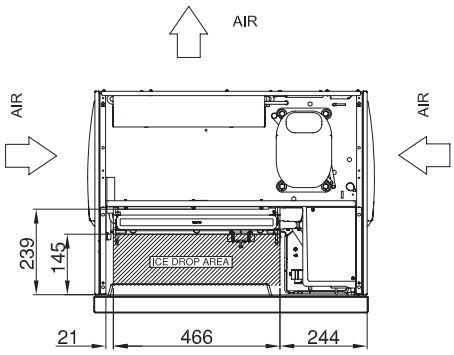


Lateral view

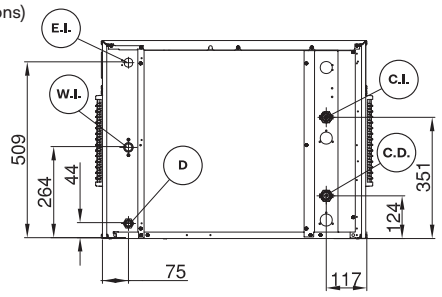


*All dimensions are expressed in mm

Top view



Rear view
(Water and electrical connections)



E.I. POWER CABLE
3x1,5 mm2

D DRAIN HOSE
Ø 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

C.I. INLET HOSE FOR COOLING
3/4" L=1,5 m

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