

XB SERIES II

Automatic Snow Ice Machine



INNOVATION, SERVICE, SCIENCE

STOCK CODE:430685

Address: National Hi-Tech Park, Ningbo, Zhejiang, China

E-mail: info@scientz.com

WhatsApp: +86-13003752008

www.scientzbio.com

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NINGBO SCIENTZ BIOTECHNOLOGY CO., LTD

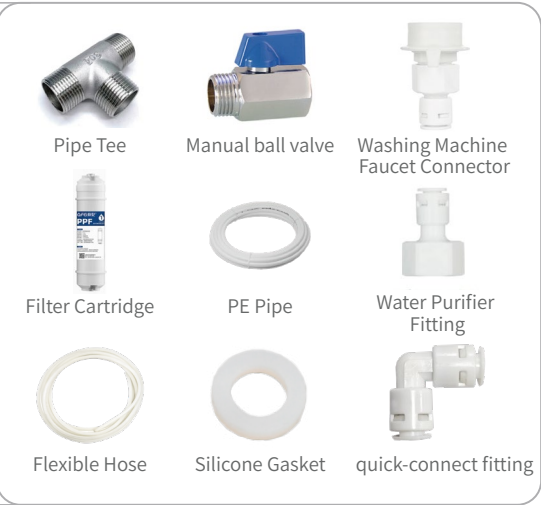
Description

SCIENTZ XB Series Automatic Snowflake Ice Maker features a high-efficiency international compressor and mechanical rotary ice extrusion, with computer-controlled automation. It produces snow-like crushed ice, suitable for medical/research facilities (hospitals, labs, schools), entertainment venues (restaurants, bars), and industries (fishing, chemical, food processing). It delivers ice in 5 minutes with low water content.

Working Principle

SCIENTZ XB Series Automatic Snowflake Ice Maker uses a compressor to power the cooling system. The evaporator quickly cools water to freezing point. Liquid refrigerant absorbs heat and turns into gas inside the evaporator, making the metal mold surface very cold. A water pump sprays water evenly onto the mold walls, forming thin ice layers. Once the ice builds up, the mold rotates or heats up to release the ice. A crushing device then breaks the ice into snowflake-like pieces. Centrifugal dehydration reduces water content, keeping the ice loose and dry. The whole process is computer-controlled, automatically cycling through water filling, ice making, and ice release. It can produce cold, snowflake ice in under 5 minutes, perfect for quick ice needs in medical or food service settings.

Accessories

Name	Specifications			
Pipe Tee	4 points G1/2 DN15			
Manual Ball Valve	Quarter inside and outside the wire			
Washing Machine Faucet Connector	Washing machine faucet to 2 points PE pipe			
Filter Cartridge	10 inch φ60*260mm PP cotton cartridge			
PE Pipe	Outer diameter 6.33-6.5mm Inner diameter 4mm 2-points pipe white			
Water Purifier Fitting	4min inner tooth to 2min pipe with silicone gasket			
Hose	Inner Diameter 6mm Outer Diameter 9mm Silicone Rubber Color Transparent			
Silicone Gasket	4-point φ9mm*φ19mm*3mm Transparent silicone rubber			
Water Pipe Quick Coupling	K4040 L-type quick coupling elbow 2-points for both orifices O.D. 6.35mm			

Parameters

Model	Capacity (kg/24h)	Ice Storage Capacity	Input Power (W)	Refrigerants	Dimensions(mm)
XB-20II	20	15	240	R134a/80g	420*580*735
XB-30II	30	15	240	R134a/80g	420*580*735
XB-40II	40	15	240	R134a/80g	420*580*735
XB-50II	50	15	240	R134a/80g	420*580*735
XB-70II	70	25	420	R404a/120g	600*600*830
XB-85II	85	25	420	R404a/120g	600*600*830
XB-130II	130	32	600	R404a/160g	600*700*830
XB-150II	150	32	600	R404a/160g	600*700*830

Features



01Quick Ice Delivery

Quickly produce ice in 5 minutes

Crushed ice particles are small

low moisture content



02Energy Saving And Environmental Protection

Use imported compressor

Environmentally friendly

Fast cooling

long life



03Fault Self-diagnosis Function

one-button start

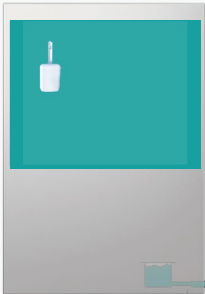
Fault self-diagnosis



04Humanized Design

original water purifier

Pure ice making and anti-scaling



05Active Drainage Function

Say goodbye to the worry of no floor drain

Achieve high level drainage



06Capacity Upgrade

Really large capacity ice storage

Meet various needs

Application Scenarios



· Hospitals, laboratories, schools and other medical research places

· Restaurants, bars, hotels and other entertainment venues

· Fishing, chemical industry, food processing and other industries that require large amounts of ice