TCN®

AI Intelligent cabinet series

Intelligent frozen cabinet

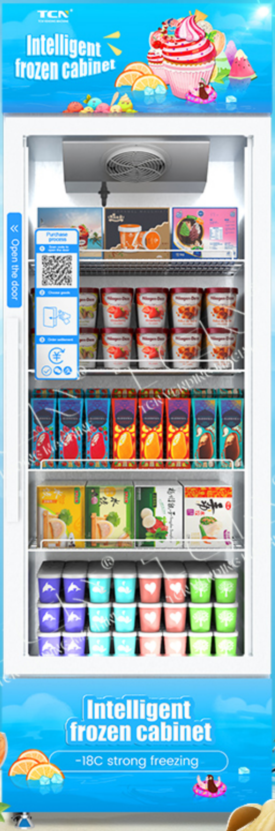
Weight sensing technology

Grab & go intelligent cabinet

420 L large capacity

- 18C refrigerate or freeze

Weight sensing technology unlocking,
auto billing , grab and go


TCN
Intelligent frozen cabinet
Open the door
Purchase process
Intelligent frozen cabinet
-18C strong freezing

Easy operation & management

3.0 system upgrade, friendly management, high operation efficiency

AI intelligent recognition

AI dynamic intelligent recognition, recognition accuracy up to 99.7%

All-category sale

The products can be placed in stack and free, a wider range of products can be displayed and sold in the machine.

Powerful refrigeration compressor

Commercial-grade powerful cooling module, energy and power saving, the interior temperature can go down to -18℃

Full steel thickened inner liner

Full-steel one-piece thickened thermal insulation, thermal insulation liner, longer lifespan and better thermal insulation

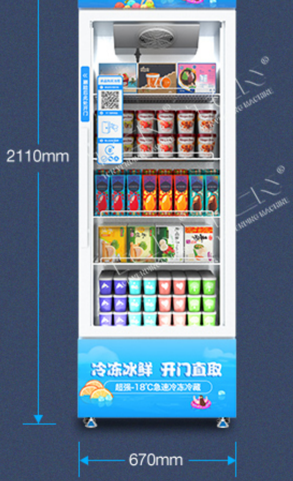
Convenient loading

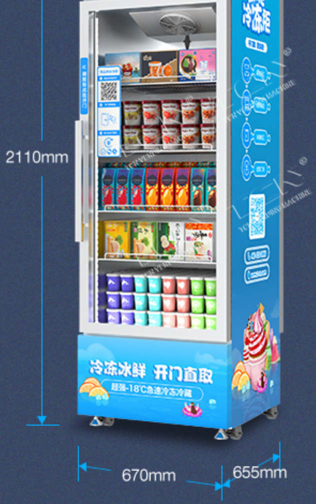
The shelves are adjustable and easy to load.

PRODUCT INFORMATION

TCN中吉
智能冷冻柜

TCN中吉
智能冷冻柜
TCN中吉
智能


2110mm
冷冻冰鲜 开门直取
超强-18℃急速冷冻冷藏
670mm


2110mm
冷冻柜
冷冻冰鲜 开门直取
超强-18℃急速冷冻冷藏
670mm
655mm

Model	TCN-FFZ-420(DA01)
Dimension	H:2110mm W:670mm D:655mm
Weight	100kg
Voltage	AC110V~240V 50/60HZ
Identification Method	Weight sensing technology
Temp	-18-0°C(up to -25C)
Cooling method	Frost-free air cooling system
Temp control	Remote electronic temperature control
Capacity	420L
Shelf	5 adjustable shelves
Shopping method	Scan the code to pick up products
Payment method	card payment, scan code, etc.
Operation management	Intelligent SAAS cloud management platform

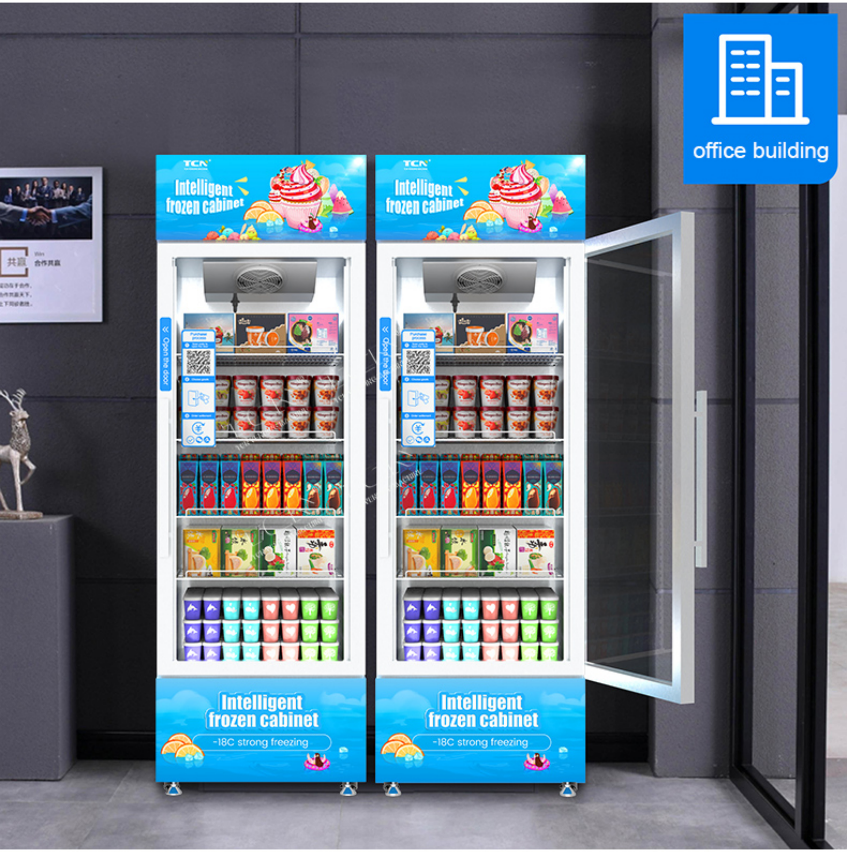
Weight sensing technology intelligent cabinet

Less space occupying, wider range of products, lower risk, more convenient operation

scenic spot
智能冷冻柜
冷冻冰鲜 开门直取

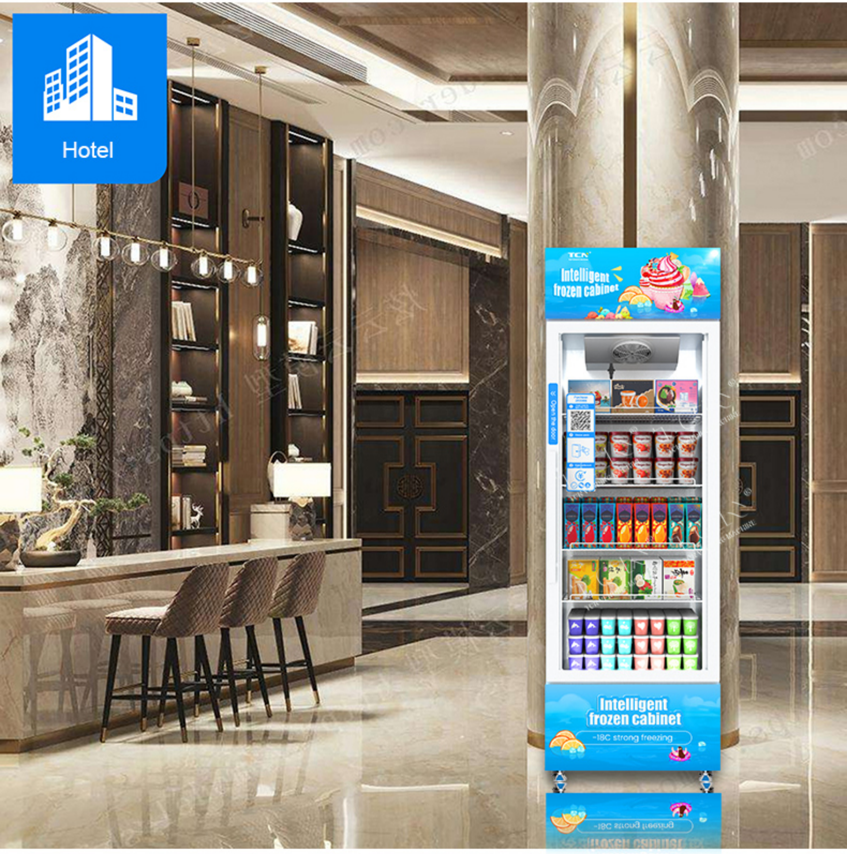
50% increase in turnover

More product categories, better shopping experience,
higher single purchase rate


office building
TCN
Intelligent frozen cabinet
Open the door
Intelligent frozen cabinet
-18C strong freezing

Reduce loading labor cost by 60%

able to hold up to 450 beverage bottles
Saving handling and loading costs


Hotel
TCN
Intelligent frozen cabinet
Open the door
Intelligent frozen cabinet
-18C strong freezing

Effectively reduce operating pressure by 70%

Large capacity, less times of loading required, stable equipment without jamming, easy management and operation

Station
TCN
Intelligent frozen cabinet
EXIT

It covers only $0.5m^2$ and can create wealth

It can enter an elevator and can be installed almost anywhere, the selling product range can be very wide and it can enter the core business district

SUBVERT TRADITION

New unattended free choice shopping method

No additional APP downloading is needed, consumers scan the code to open the door, take the products away, very simple and fast

Scan the code to open the door

compatible with various payment methods

Selected items

Open the door and buy whatever you want, weight sensing technology.

AI real-time calculation

the latest 3.0 system, AI real-time tracking calculation, takes only 30 seconds to know what you take and the total amount.

4
关门自动结算
¥5.00

¥ Automatic settlement

Automatic settlement after closing the door, real-time settlement and deduction after closing the door, and push the settlement list

Top brand compressor

Embraco, Scope, etc

Powerful, silent, energy-saving and environmental friendly
Excellent and Fast refrigeration system

Strong energy efficiency, easy to go down to -18C

Compressor	**High efficiency**	**Strong power**	**Well-known brand**
Strong performance	fast cooling	energy saving and power saving	worry-free

Refrigerant

134A, R513A(Optional), R1234YF(Optional), R290(Optional)

- Energy Level: D(Tested by SGS office)

- Flammable and low toxicity with a safety classification / A3
- Low or zero Ozone Depletion (ODP)
  Low Global Warming Potential (GWP)
- Excellent thermodynamic properties brings high energy efficiency

Upgraded aluminum alloy automatic rebound door, double-layered argon filling anti-smashing glass

R290 (Propane)

TCN
Intelligent frozen cabinet

Aluminum alloy door frame

beautiful, practical, longer service life and higher safety

Intelligent frozen cabinet
-18C strong freezing

Automatic rebound door

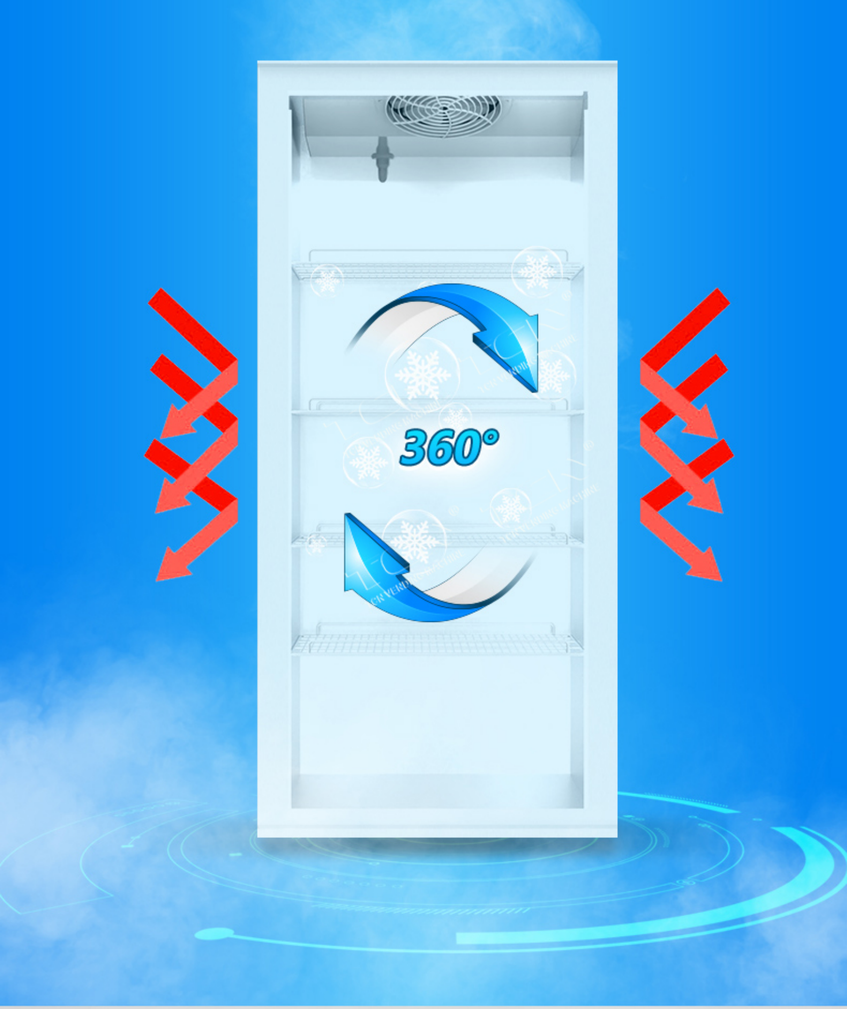
unmanned automatic closing, ensure the safety of customers' settlement after shopping

Super insulation glass

double-layered glass with argon filling, the limit value of heat transfer coefficient can be reduced by 5% compared with the vacuum state, and the heat insulation and energy saving are better.

Upgraded all-steel seamless, thermal insulation, energy-saving line

Freezer-level heat preservation, heat insulation and energy saving effect Thermal conductivity is only 0.022-0.033W/(M*K)



360°air-cooled frost-free glass electric

heating defogging system

360° up and down circulating air supply system, frost-free refrigeration , keep the inside of the case dry and clean. Not only saves energy and electricity, but also avoids the trouble of removing frost.

Double-wire electric heating system is adopted to the glass window to keep commodities and prices clear

The air will condense and there will be fog or water drop on the glass window if no anti-fog technology is adopted.

Full category of products for sale

420 L large capacity

More flexible loading, you can load up to 40 product categories at one time
Self-collection purchase, the failure rate is greatly reduced and the operating cost is greatly reduced

TCN
Intelligent frozen cabinet
TCN
Intelligent frozen cabinet
Grab&Go More Convenient
Scan code to open the door
Choose goods
Close the door
Order settlement
sales@tcnvending.com
www.tcnvend.com
Intelligent frozen cabinet
-18C strong freezing
TCN VENDING MACHINE

5 adjustable shelves, the products can be stacked, and you can adjust the shelf quantity and the shelf heights when necessary.

Compact rebar shelves, firm, safe and better weight bearing, able to hold up to **450 kinds** of products.

Freezing, refrigerating, room temperature Free conversion

Subvert the traditional selling methods, compatible with more kinds of products

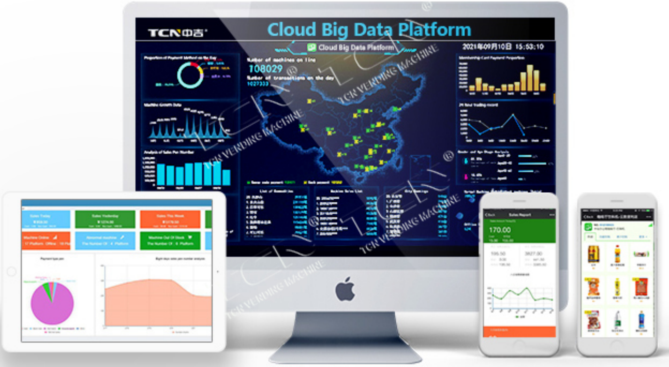
Ice pops
Ice cream
Applicable products
Seafood
Frozen food

家常韭菜水饺
家常香菇

There is no difficulty in choosing TCN vending machine

AI intelligent management for real-time remote monitoring

The mature, stable and efficient cloud platform captures 24-time machine state, sales data and abnormal alarm. Nearly **100,000** machines operate smoothly online, which can carry millions of machines online


TCN中吉
Cloud Big Data Platform
Cloud Big Data Platform
2021年09月10日 15:53:10
Number of machines on line
108029
Number of transactions on the day
TCN VENDING MACHINE
170.00

TCN vending machine promises to make free use of the platform for life