

MODEL-F, ICE CREAM FROZEN VENDING MACHINE

Since 2015, Happy Ice started to involve in designing, building, and operating of frozen vending machines. With in-house R&D engineering team, the company has produced several machine models that are able

to fit all sorts of frozen food, ranging from the most temperature sensitive products such as ice cream, to frozen meat/seafood and Ready-To-Eat (RTE) frozen food.

Ice Cream (-25°C) Model-F with LED Light Box Up to 16 SKUs (Max 600pcs)



22" LED
Ultra Clear
Light Box

Cash &
Cashless

Spoon

Plastic
Bag

Frozen Food (-18°C) Model-F with Display Box



Product
Display Box
430mm x
690mm

Cashless
Only

Plastic
Bag

General Features:

- Product Menu: 22" LED ultra clear light box, or actual product display box
- Suitable for outdoor use
- MDB compliant
- Cash (bill and coin) and cashless system compatible
- Guaranteed product delivery; if not, no money deduction
- Remote monitoring capability (live-view temperature, sales, inventory etc)
- Purchase-with-Purchase feature: second purchase to enjoy offer
- Available of spoon dispenser and plastic bag dispenser

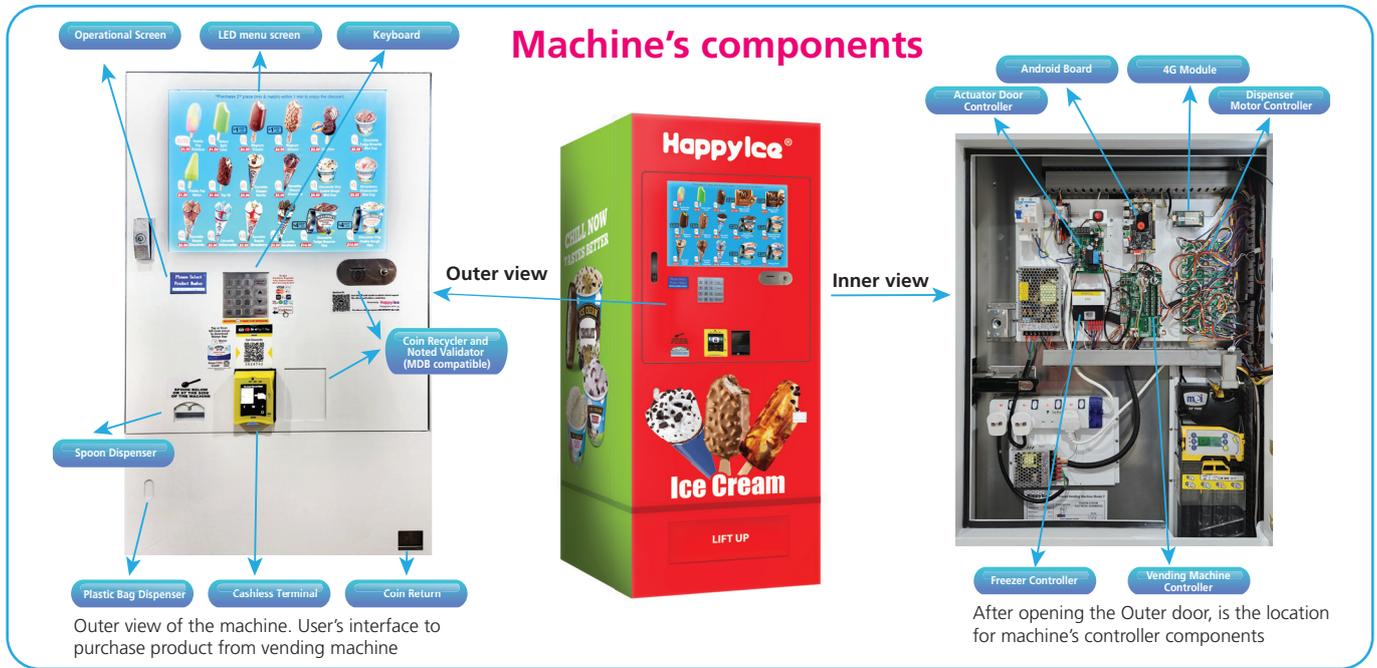
Refrigeration

- Energy efficient, 80% lower than other
- High efficient refrigerant: R600a
- Auto defrost. During defrost, able to maintain all the time to be below freezing point, to ensure ice cream quality
- 12hrs thermal holding power (during power loss, can hold 12hours to keep ice cream remain safe)

Model-F Technical Specification

Dimension	720 x 900 x 1980 mm (WxDxH)
Weight	260kg
Total Storage Volume	390 liter
Cooling temperature	-25°C
Rated Voltage	220-240 V~
Rate Frequency	50/60 Hz
Rated Power	205 watt
Rated defrost power	400 watt
Defrost system	Auto-defrost
Rated Current	0.9 A
Startup surge current	6.5 A
Freezing Capacity	18kg / 24H
Refrigerant, Amount	R600a, 50g
Warranty	2 years limited parts
Climate Class	T (16 to 43 °C)
Max sku	Ice cream = 16sku. Frozen food: 8sku
Max capacity	Ice cream = 600pcs, frozen food: 100pcs

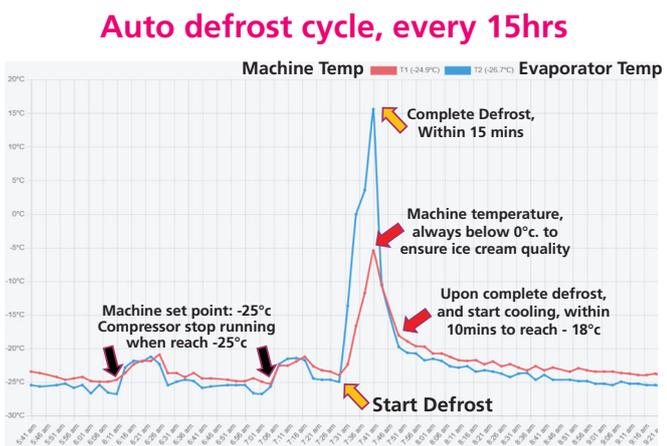
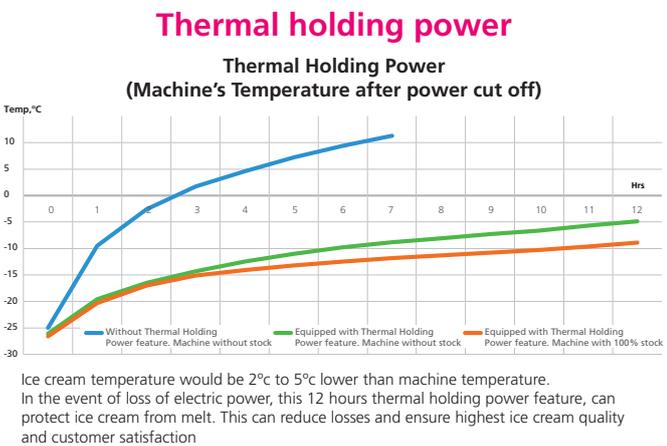
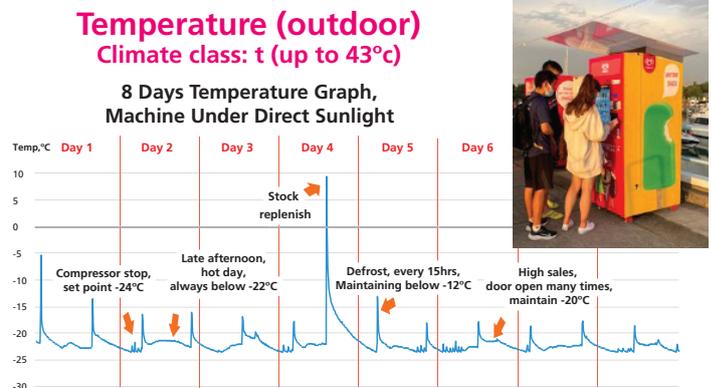




Live view machine status

Name	Temp1(°C) ΔT1-T2	Inventory Status (#Channel, Sales, Balance/Capacity)	Errors	Balance Stock	Out of Stock SKU	\$ Sales (qty) Today Yesterday Last30d	Status	Temp2 (Evap) °C
AR-4404	-23.8 1m ago 2.2	#31, 3, 13/16 #32, 12, 4/16 #33, 5, 10/15 #34, 2, 13/15 #41, 5, 5/10 #42, 3, 7/10 #43, 4, 7/11 #44, 19, 0/19 #45, 0, 19/19 #46, 10, 9/19 #47, 1, 9/10 #48, 3, 7/10 #61, 18, 8/26 #62, 20, 6/26 #63, 20, 6/26 #64, 26, 0/26 #65, 17, 9/26 #66, 10, 16/26	#44, (9) 230306 01:43pm #45, (9) 230208 10:24pm	148/326 (45%)	4/18 (22%)	9.50 (5) 52.30 (33) 211.60(139) 986.90(647)	Online 23 ago Drop Sensor Enabled Fan Speed 4724 Door Close Coin 70.00	-25.8(12)

Cloud based live-view on machine status: temperature, inventory, sales, error, Coin & Bill equipment condition
Fully integrated with NAYAX cashless terminal: Provide pre-defined SMS alarm notification
Detail Sales report



Customized dispenser rack: Number of sku & total capacity

Step 1
Measure Products Dimension

Dimension shown is maximum acceptable value

Step 2
Decide number of channel for each type of products. Then customized design and fabricate the dispenser rack

Example
2x Big Stick, 4x Stick, 6x cone, 4x cup
Total : 16 SKU, 364 pcs

15x	15x	19x
23x	23x	19x
26x	26x	21x

Door

* Illustration shown as Top View