



## **SMEVA MARKET**

Self-service cabinet

Remote / Plug-in version

User Manual

These are the original English instructions

January 2022

Version 22.04

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# 1. ABOUT THIS MANUAL

## 1.1 DESCRIPTION OF THE USER

These instructions are intended for the end-user of the Smeva Market self-service cabinet. The end-user can be described as each person who interacts directly with the cabinet on an operational level. The end-user typically includes, but is not limited to:

- ▶ Staff and service personnel
- ▶ Cleaning and maintenance personnel
- ▶ Installation and dismantling personnel

All use of the Smeva Market shall only be carried out by an authorised, properly qualified, and skilled person of 16 years or older, who:

- ▶ Has read and understood this manual
- ▶ Is familiar with operating similar equipment
- ▶ Knows how to control this device
- ▶ Is aware of all possible dangers and acts accordingly

The required cleaning, maintenance and/or inspection work as stated in this user manual is allowed by the aforementioned persons, unless clearly indicated when this is not allowed.

Authorised personnel responsible for installation and yearly maintenance tasks, shall refer to the Installation & Service Manual which forms - together with this User Manual - an integral part of the cabinet.

## 1.2 RETAINING INSTRUCTIONS

Read and understand this manual and its safety instructions before using this product. Failure to do so can result in serious injury or death.

Follow all the instructions. This will avoid fire, explosions, electric shocks or other hazards that may result in damage to property and/or severe or fatal injuries.

The Smeva Market shall only be used by persons who have fully read and understand the contents of this user manual. Ensure that each person who uses the product has read these warnings and instructions and follows them. Keep all safety information and instructions for future reference and pass them on to subsequent users of the product.

This User Manual, together with the Installation & Service Manual, form an integral part of the cabinet. Smeva is not liable for cases of material damage or personal injury caused by incorrect handling or non-compliance with the safety instructions. In such cases, the warranty will be voided.








### 1.3 CONVENTIONS USED IN THIS MANUAL




The following style conventions are used in this document:

- ▶ **Bold**  
Names of product elements
- ▶ *Italic*  
Cross-references

### 1.4 EXPLANATION OF SAFETY SIGNS

The following safety signs are used on the packaging, product and in this document:

Symbol	Meaning
	Danger indicates a hazard with a high level of risk which, if not avoided, will result in death or serious injury
	Warning indicates a hazard with a medium level of risk which, if not avoided, could result in death or serious injury.
	Caution indicates a hazard with a low level of risk which, if not avoided, could result in minor or moderate injury.
	Indicates information considered important, but not hazard-related.
	Follow instructions before use.
	Attention / Danger
	Danger: moving parts

Symbol	Meaning
	Danger: hot surface
	Danger: shock hazard
	Spray water prohibited

## 1.5 SAFETY INFORMATION

### **⚠ WARNING**

- ▶ Read and understand this manual and its safety instructions before using this product. Failure to do so can result in serious injury or death.
- ▶ Installation and commissioning shall be carried out by a properly qualified and skilled installer with due observance of the applicable rules and legislation. The installer is responsible for employing skilled and qualified personnel.
- ▶ All connections to the cabinet, such as electricity, drainage and coolant pipes, must be carried out by qualified engineers. Commissioning should also be done by qualified engineers.

### **NOTICE**

Do not remove any labels attached to the Smeva Market to avoid hazardous situations.

To guarantee optimum performance, personal safety and maximum product shelf life:

- ▶ Do not place any weight on the cabinet, other than on the loading surface;
- ▶ Never exceed the maximum product load;
- ▶ Never use the counter to climb in or on it;
- ▶ Do not lean against or hang on the cabinet;
- ▶ Regularly perform all necessary cleaning and maintenance procedures and instructions.

## 1.6 DOCUMENTATION AND INFORMATION

The latest version of this User Manual, as well as the Installation & Service Manual, is available at <http://www.smeva.nl>.

For service-related questions, information, technical assistance, ordering user instructions or spare parts, please contact us:


Smeva BV  
J.F. Kennedylaan 27  
5555 XC Valkenswaard  
The Netherlands

Email: [sas-products@smeva.nl](mailto:sas-products@smeva.nl)  
Telephone: +31 (0)40 207 3200  
Internet: [www.smeva.nl](http://www.smeva.nl)

## 1.7 PRODUCT IDENTIFICATION

To provide you with rapid assistance in the event of questions or defects, your cabinet is equipped with a **product identification label** ⑳. The product identification label is always situated at the bottom left side below the **air-inlet grille** ⑩ and looks like this:

		Smeva B.V J.F. Kennedylaan 27 5555 XC Valkenswaard Nederland	
Identificatienummer	*****	Sect.1	
Productiedatum	1-1-2021		
Type	Market 9 <sup>o</sup>		
Lengte	2,5	m	
Koudemiddel	R744 GWP 1		
Circuitvolume	8,2	dm3	
Ontwerp druk	HP 61,0	Bar(o)	
	LP 61,0	Bar(o)	
Ontwerp temperatuur	60,0	°C	
Bevat geen gefluoreerde broeikasgassen			
		Aggregaat op afstand Hermetisch afgesloten	
		Class 2014/68/EU	Art. 4.3
		Module	A
		Cert.-nummer	

		Smeva B.V J.F. Kennedylaan 27 5555 XC Valkenswaard Nederland	
Identificatienummer	*****	Sect.1	
Productiedatum	1-1-2021		
Type	Market 9 <sup>o</sup>		
Lengte	2,500	m	
Spanning	- 240	V	
Frequentie	50	Hz	
Electrisch vermogen meubel	0,07	kW	
Electrisch vermogen dooling	1,00	kW	
Overstroombeveiliging	16	A	
		Class 2006/42/EG	
		Cert.-nummer	
			

Should information be required concerning a particular component or if a component is defective, copy the information shown on this label and pass it on to your installer. This will ensure rapid rectification of the problem.



## 2. ABOUT THE SMEVA MARKET

Congratulations on your decision to purchase the Smeva Market. The name Smeva is your guarantee of quality and reliability. The Market is a chilled, self-service cabinet with open service access, available in a variety of designs, based on two versions: a remote version and a plug-in version. The plug-in version has an integrated cooling system. The remote version is connected to a central cooling system for multiple units.

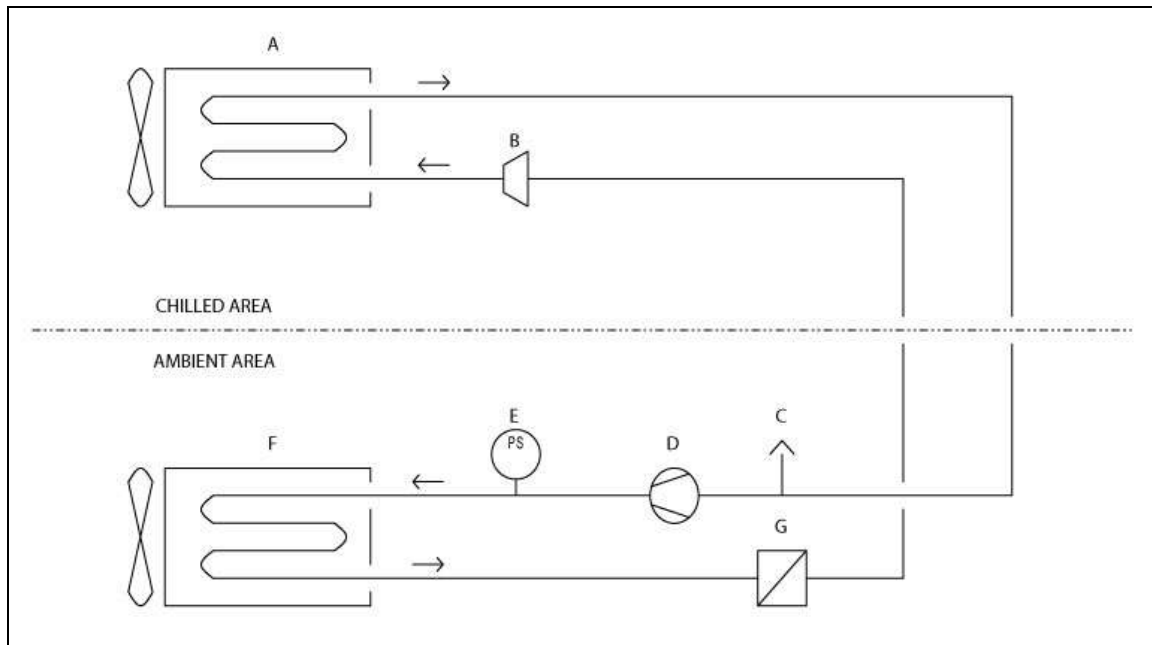
### 2.1 INTENDED USE AND REASONABLY FORESEEABLE MISUSE

The Market is intended to be used as a display of cold pre-packed goods. The Market is not designed to cool down goods.

The Market is intended for indoor use only and shall only be used with the original accessories and components. The Market shall only be used in accordance with the instructions described in this User Manual, and the Installation & Service Manual. Any use other than those described in these documents is considered as unintended use. Unintended use will invalidate the warranty.

### 2.2 PROCESS OVERVIEW


The remote version of the Smeva Market is connected to a central cooling system (CCS). The CCS controls and supplies all machines connected to it.



A	Evaporator + Fan	E	High-pressure switch
B	Capillary	F	Condenser vertical
C	Schrader	G	Filter / Drier
D	Compressor		

## 2.3 TECHNICAL DATA

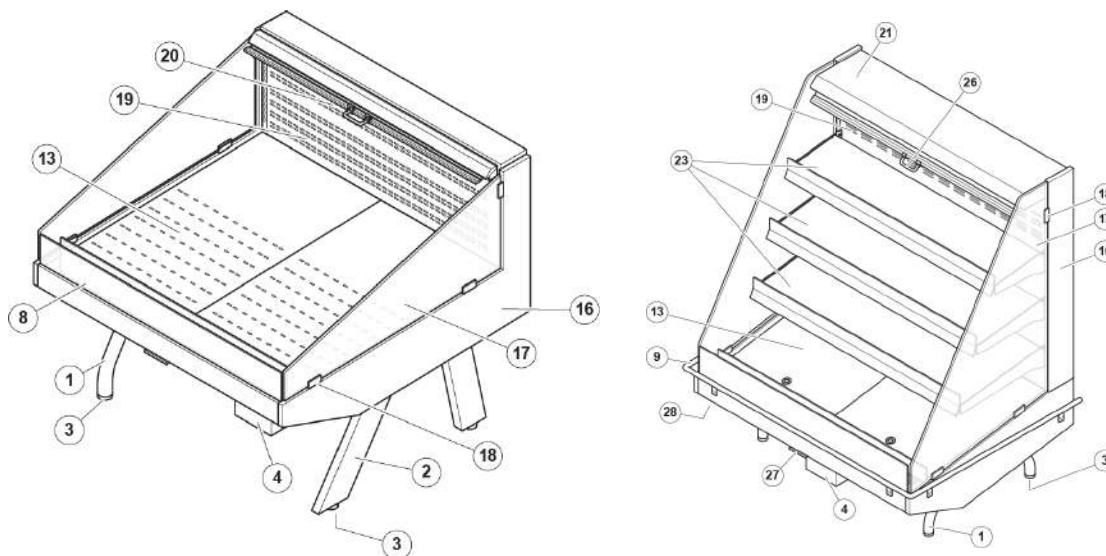
Model	Market
Version	Remote / Plug-in
Weight	190 - 630 kg
Product temperature	(3M1) 25°C - 60% RH - 1 ↓T ↑+5°C
Evaporation temperature	-10°C (at 20°C ambient temperature)
Cooling capacity	880 - 1100 W/m
Inclination angle(s) of the display platform	2° / 9°
Maximum loading weight shelves	60kg/m, or 90kg/m with reinforcement strips
Inclination angles of the shelves	0° / 7.5° / 15°
Voltage	230 Volt 50 Hz
Temperature controller	Carel / Danfoss (variants upon request)
Light source	LED lighting in shelves and/or deck (optional)
Refrigeration technology	Dynamic cooling
Refrigerant	<ul style="list-style-type: none"> <li>► Remote: R744/R448a/R449a/R134a (other refrigerants available upon request)</li> <li>► Plug-in: R 290 / R433a</li> </ul>

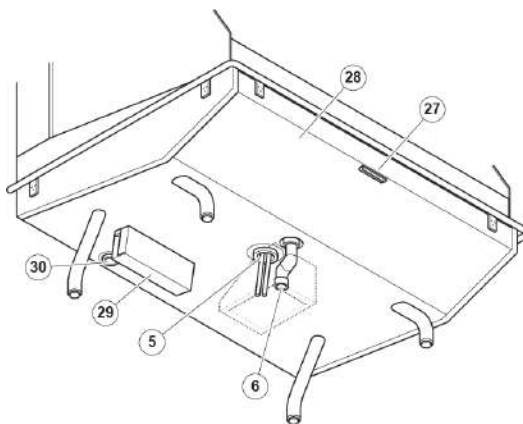
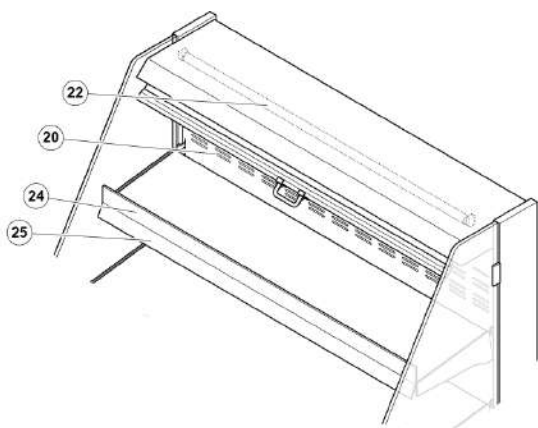
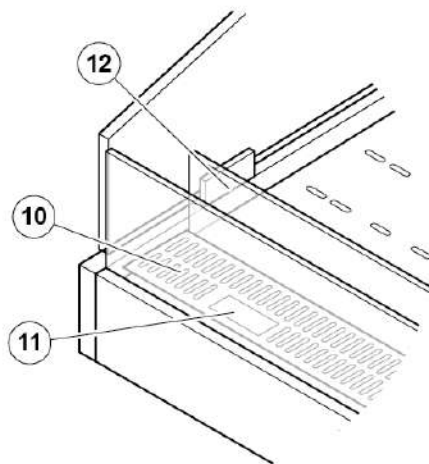
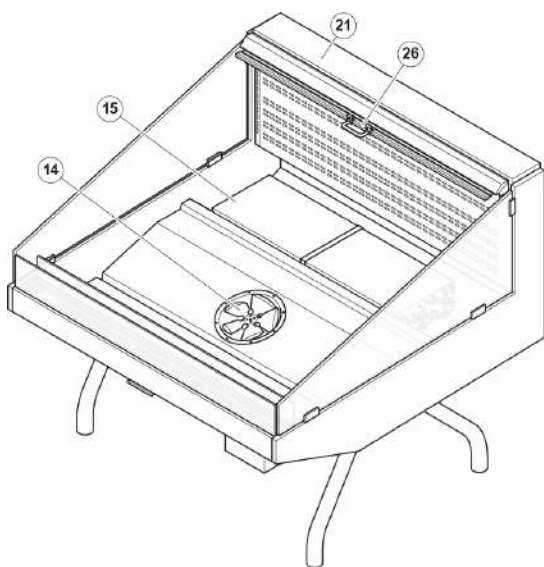
Materials interior	<ul style="list-style-type: none"> <li>▶ SAE 304</li> <li>▶ Powder-coated galvanised steel</li> <li>▶ Tempered glass</li> </ul>
Materials exterior	<ul style="list-style-type: none"> <li>▶ SAE 304</li> <li>▶ Powder-coated galvanised steel</li> <li>▶ PVC</li> <li>▶ HPL</li> <li>▶ Tempered glass</li> </ul>
Energy label	 <p>The information on the energy class (Ecodesign 2019/2024 and Energy Labelling 2019/2018) reported here refers to precise product configurations. Any other different configuration than the one presented on the website may significantly change the energy class information. For more details, please consult the European Product Database for Energy Labelling (EPREL) or contact our Sales Office.</p>

## 2.4 PRODUCT COMPLIANCE

This product complies with all relevant European Directives. The Declaration of Conformity can be found in the *Installation & Service Manual* of the Smeva Market.

## 2.5 PRODUCT ELEMENTS





1. Supports cylindrical
2. Supports rectangular
3. Adjustable feet
4. Pipe cover (optional)
5. Drainage passage

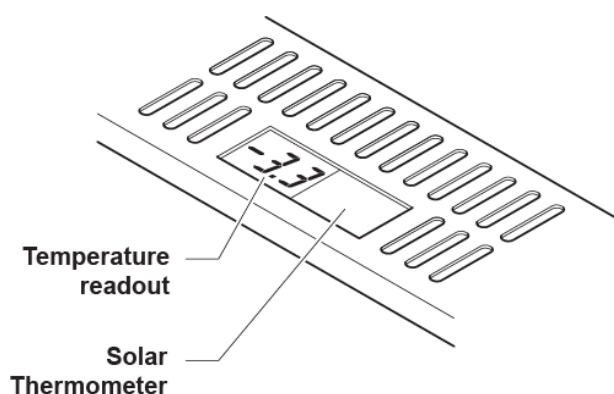
16. Gable-end
17. Gable-end glass
18. Glass holder
19. Air-outlet grille
20. Honeycomb outlet grill

- |                                  |                                  |
|----------------------------------|----------------------------------|
| 6. Refrigerant piping passage    | 21. Canopy                       |
| 7. Front glass                   | 22. Canopy lighting              |
| 8. Bumper (plastic)              | 23. Shelf                        |
| 9. Bumper rail (stainless steel) | 24. Product stopper              |
| 10. Air-inlet grille             | 25. Price rail                   |
| 11. Temperature read-out         | 26. Night curtain                |
| 12. Product stopper              | 27. Night curtain cassette       |
| 13. Bottom plate                 | 28. Product identification label |
| 14. Fan plate                    | 29. Control panel                |
| 15. Evaporator coil              | 30. Cable passage                |

## 2.6 THE TEMPERATURE READOUT

### NOTICE

Depending on the version and its requirements, The Smeva Market is equipped with a specific controller and user display for each configuration. Full documentation on the specific controller, sensors, and user display can be provided upon request.



The **temperature readout** ⑪ is located on the **air-inlet grille** ⑩. It can be programmed and serviced by using the provided remote control.

### 3. SAFETY INSTRUCTIONS

#### **⚠ WARNING**

Read and understand this manual and its safety instructions before installing, servicing, or using the cabinet. Failure to do so can result in serious injury or death.

While transporting, storing, installing, operating, servicing and disposing of the cabinet, the cabinet should be located in a well-ventilated area or a room with a minimum volume as indicated in the table below by referring to the amount of charge as stated on the **product identification label** (28).

R290 / R433A	
Charge (gr.)	Minimum room volume (m <sup>3</sup> )
250 - 500	63
500 - 700	88
700 - 900	113
900 - 1100	138
1100 - 1300	163

#### **3.1 SAFETY INFORMATION RELATED TO THE INTENDED USE AND REASONABLY FORESEEABLE MISUSE**

- ▶ The cabinet shall only be used for applications as described by the manufacturer. All other applications are unprofessional and considered dangerous. The manufacturer cannot be held liable for damage resulting from errors, unintended or unprofessional use of the cabinet.
- ▶ This cabinet is not intended for use by persons (including children) with restricted physical, sensory or intellectual capability or lack of experience and/or knowledge.
- ▶ Only use the cabinet within the specified performance limits as described in these instructions.
- ▶ Be vigilant at all times, and always be careful what you are doing. Do not use the cabinet if you are lacking in concentration or awareness, or are under the influence of drugs, alcohol or medication. Even a moment of inattentiveness can lead to serious accidents and injuries when working on the cabinet.
- ▶ The cabinet contains moving parts. Always keep a safe distance to prevent jamming.

- ▶ Do not wear loose clothing or jewellery when cleaning or using the cabinet. These can be grabbed by the machine and pinch or tear away parts of the body.
- ▶ Never insert body parts between rotating parts of the cabinet.
- ▶ Do not sit or stand on the cabinet.
- ▶ In case of an accident, stop using the cabinet and consult a doctor if necessary.

### **3.2 POTENTIAL HEALTH CONSEQUENCES**

- ▶ Only engineers who have been trained in the safe handling and use of hydrocarbon refrigerants shall work on this cabinet.
- ▶ Smeva units are designed and manufactured for use with refrigerant R433A, a propane – propylene mixture. This refrigerant is flammable and can be hazardous in the event of a leak. R433A has the benefit of carrying a distinctive natural smell that can be noticed in case of a leak.

### **3.3 ELECTRICAL SAFETY INFORMATION**

- ▶ Only a trained and qualified electrician shall carry out the electrical installation and commissioning.
- ▶ Do not disassemble, cut or change the original electrical power supply lead and plug supplied by the manufacturer.
- ▶ Only connect the cabinet to a grounded socket with earth leakage protection that is connected in accordance with the legal guidelines.
- ▶ Power sockets should be located at least 1 metre above floor level, in order to avoid ignition of refrigerants in case of a leak.
- ▶ If there is any visible damage, a strong odour, or excessive heating of components, disconnect the power supply immediately and do not use the cabinet.

### **3.4 SERVICE SAFETY INFORMATION**

- ▶ Service shall be carried out by trained and qualified service personnel with relevant hydrocarbon certifications. To ensure the operational safety of the cabinet, regular maintenance shall be carried out by qualified personnel in accordance with the manufacturer's instructions.
- ▶ Cleaning, maintenance and inspection should be done on a frequent basis. If there is any visible damage, a strong odour, or excessive overheating of components stop using the cabinet.

### **3.5 REPAIR AND MODIFICATION SAFETY INFORMATION**

- ▶ Repairs shall only be carried out by trained and qualified service personnel.
- ▶ Use only original shelves, accessories and spare parts.
- ▶ Alterations to the cabinet and technical modifications are not permitted without the written permission of the manufacturer.



## 4. OPERATING INSTRUCTIONS

### 4.1 OPERATIONAL ENVIRONMENT

#### **NOTICE**

Make sure operational conditions are in accordance with the requirements stated in this manual. Failure to do so may affect the proper functioning of the cabinet.

- ▶ **Keep the lighting intensity in the space as low as possible.**  
Artificial lighting or spotlights should not be directed at the display area to avoid overheating and discolouration of fresh meat and other products.
- ▶ **Air-disturbing factors affect the operation of the cabinet.**  
Air-conditioning, inlet grilles, and fans should not be used in the immediate vicinity of the cabinet. Additionally, doors, windows, entrances, and exits can create draughts that negatively affect the performance of the cabinet. Take the necessary measures to prevent draughts.
- ▶ **Do not place the cabinet in direct sunlight.**  
Thermal radiation can raise the product temperature to an unacceptable level even when the air temperature display in the cabinet shows the required value.
- ▶ **Do not place heat-emitting equipment in the immediate vicinity of the cabinet.**  
Heat sources include but are not limited to radiators, heaters, ovens, heat-emitting equipment, spotlights, and air curtains at entrances.
- ▶ **Keep the work area clean.**  
Do not expose the cabinet to dirty or dusty environments. An unclean work area may influence the cabinet's quality, capacity, and life cycle.

### 4.2 SHELF ARRANGEMENT

#### **⚠ WARNING**

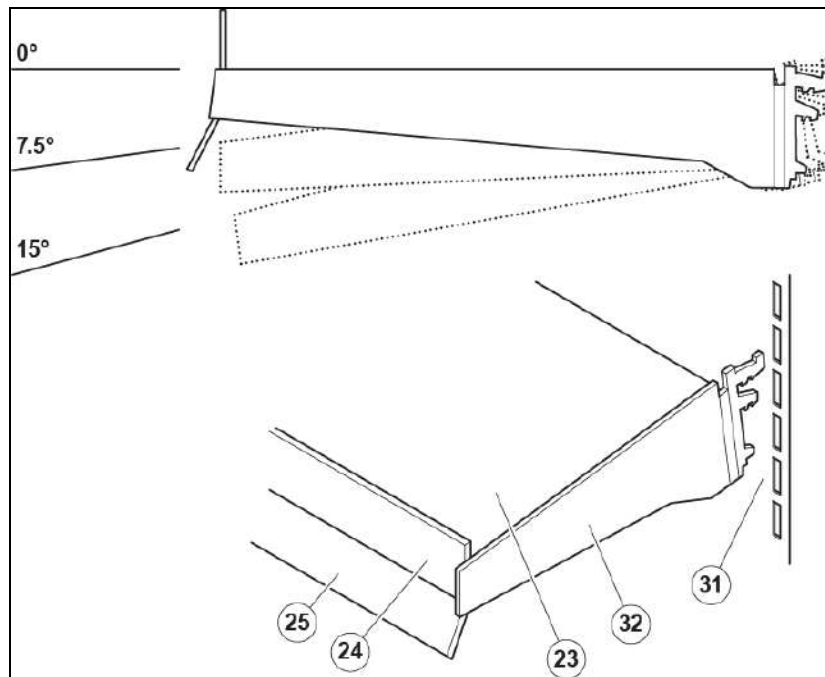
- ▶ Make sure you know where the emergency stop switches are located before operating the cabinet.
- ▶ Make sure that the power is turned off before arranging the shelves.

#### **NOTICE**

- ▶ Check the cabinet and shelves for damage before arranging the shelves. If there is any visible damage, contact Smeva for further instructions.

On delivery, **shelves** ②③ are always hung in a horizontal position. The user can adjust the shelves to the desired angle and height. No tools are required.

To guarantee an ideal product temperature, shelves should not be positioned in front of the holes of the **air-outlet grille** ①⑨. **Shelves** can be hung at the desired horizontal angle of 0°, 7.5°, and 15°.



23. Shelf

24. Product stopper

25. Price rail

31. Shelf upright

32. Shelf supports

#### 4.2.1 PREPARATION

To change the **shelf** ②③ position or angle; it needs to be removed. Before removing the **shelf**, take the following steps:

1. Determine the desired **shelf** inclination horizontally 0°/7.5°/15°.
2. Determine the desired height position of the **shelf**.
3. If necessary, empty the **shelf**.
4. Disconnect the **shelf** lighting power plug, if necessary.

#### 4.2.2 REMOVING THE SHELF

##### **⚠ WARNING**

All lifting tasks shall always be conducted by a minimum of two authorised persons.

1. Remove the **shelf** ②③ by gently lifting it from the **shelf supports** ③②. If needed, remove the **product stopper** ②④.
2. Place the **shelf** in a clean and safe place in such a way people cannot trip over it.

#### 4.2.3 ADJUSTING THE SHELF HEIGHT

To adjust the shelf height:

1. Lift the **shelf supports** ③② to an upright position and remove them by pulling them out.
2. Put the **shelf supports** to the desired height of the **shelf upright** ③① in an upright position.
3. Lower the **shelf supports** from an upright position to a horizontal position to lock them into position.
4. To adjust the shelf angle, raise the **shelf supports** and tilt them to the correct position.
5. Place the **shelf** ②③ on the **shelf supports**.

**WARNING:** All lifting tasks shall always be conducted by a minimum of two authorised persons.

6. Connect the shelf lighting power plug.

### 4.3 LOAD ARRANGEMENT

#### **NOTICE**

- ▶ Make sure all products are placed in accordance with the requirements as stated in this manual. Failure to do so may affect the proper functioning of the cabinet and the shelf life of products.
- ▶ The maximum load level of the shelves is 60kg/m, or 90kg/m when using reinforcement strips.

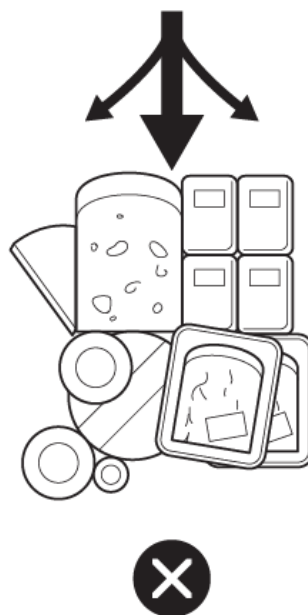
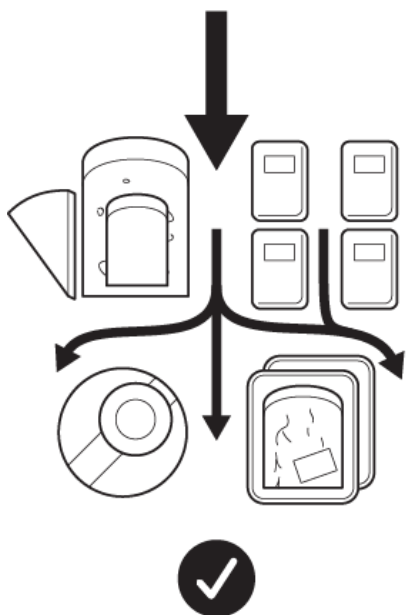
Air circulation and temperature affect the performance of the cabinet. Therefore the cabinet should always be loaded in the correct way.



Before loading products into the cabinet, make sure to

- ▶ Fully clean and dry the cabinet and all its elements
- ▶ Let the cabinet reach the correct temperature

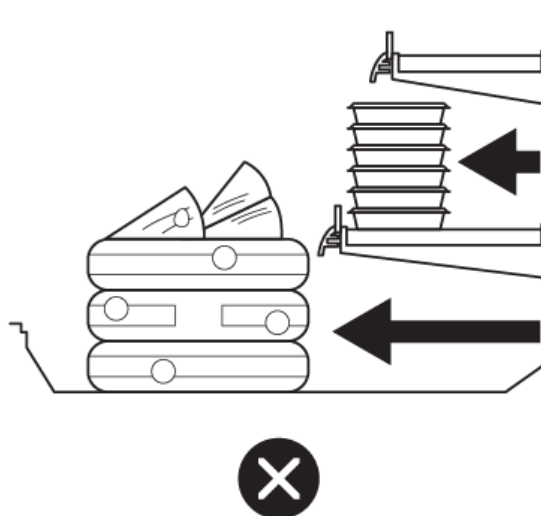
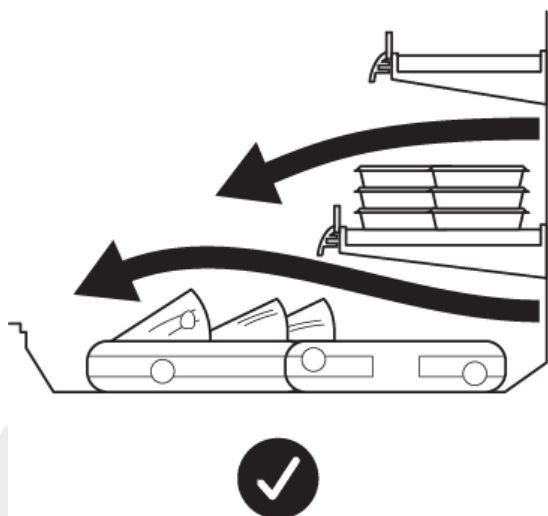
Make sure air circulation is optimal by leaving a sufficient amount of space between products.



Before loading products into the cabinet, make sure to

- ▶ Only put pre-packed goods into the cabinet
- ▶ Only put pre-cooled goods into the cabinet

Respect the maximum load level. Stacking up products too high will affect air circulation.





To secure air circulation and avoid unacceptably high product temperatures, make sure

- ▶ No products are placed against the air-outlet at the back
- ▶ No products are placed on top of the air-inlet in the front
- ▶ The air-inlet grille is not blocked (by e.g. products, doilies, etc.)

#### 4.4 CONTROL PANEL SETTINGS

Depending on its version and requirements, The Smeva Market is equipped with a specific control panel ②⑨ for each configuration.



For detailed information and operation instructions of the control panel, please refer to its user manual.

All control panel models have several common functionalities:

▶ **Temperature settings**

The temperature is controlled by the air off temperature. The factory setpoint is  $-4^{\circ}\text{C}$  (differential 2 Kelvin).

▶ **Defrost program**

For low-temperature applications ( $< +2^{\circ}\text{C}$ ), the **evaporator coil** ①⑤ can be fitted with an electric defrosting element for defrosting the coil. For higher temperatures, the ice will cycle off by the fans only (under normal store conditions). The defrost cycle automatically runs at least 4 times each day to defrost the ice on the **evaporator coil**.

▶ **Temperature display**

Displays the air off temperature from the **evaporator coil**. During the defrost cycle, the temperature will rise for a short period. This will not affect the average temperature of the products placed in the cabinet.

## 4.5 EMERGENCY SITUATIONS



Make sure you know where the emergency stop switches are located before operating the cabinet. Not all versions of the Smeva Market are equipped with an ON/OFF button and must be switched off via the Central Cooling System, or by unplugging the cabinet from the power supply.

In case of an emergency situation:

1. Shut down the cabinet immediately.
2. If needed, care for the victim accordingly.
3. Contact Smeva.

In case of a refrigerant leak:

1. Shut down the cabinet immediately.
2. Avoid any source of ignition within and around the cabinet.
3. Evacuate the space.
4. Contact Smeva.

## 5. CLEANING AND MAINTENANCE

### 5.1 GENERAL ADVICE

The Smeva Market cabinet meets the highest market requirements. To make sure the cabinet keeps functioning accordingly, it should be treated, cleaned, and maintained properly.



HACCP and local regulations may require mandatory inspections and maintenance frequently. All local regulations shall be followed. Non-frequent maintenance shortens the activity and life span of the cabinet, the shelf life of products, and voids the warranty.

Smeva recommends a yearly inspection of the cabinet by a qualified engineer to:

- ▶ Check proper functioning of the control panel;
- ▶ Check proper functioning of the cooling equipment;
- ▶ Check proper functioning of the fans;
- ▶ Check leakages in the cooling circuit;
- ▶ Check excessive ice formation at refrigerant tubes and the evaporator;
- ▶ Check the function of the thermostat control and the temperature sensors;
- ▶ Perform technical cleaning and the removal of dust in the evaporator coil and air circulation system;
- ▶ Perform cleaning and inspection of the drainage system.

Please contact your Smeva dealer for more information regarding maintenance inspections.

See [www.smeva.nl](http://www.smeva.nl) for more information.

### 5.2 CLEANING

#### **⚠ DANGER**

Make sure the cabinet is switched off before performing extensive cleaning or maintenance activities. This will avoid fire, explosions, electric shocks, or other hazards that may result in damage to property and severe or fatal injuries.

#### **NOTICE**

Keep the work area clean. Do not expose the cabinet to dirty or dusty environments. An unclean work area may influence the quality, capacity, and life cycle of the cabinet.

Following the principles of good practice, it is advised to carry out simple cleaning routines as much as necessary. For example, remove stains, finger marks, or dust once detected.



Always clean the cabinet with a soft cloth and mild cleaning agent. Do not use abrasive and aggressive cleaning agents, such as hydrofluoric acid and chlorine, as they shorten the life of components considerably.

If products show signs of leakage, immediately clean the cabinet as soon as possible. If any liquid has run under the **bottom plate** ⑬, clean the cabinet as instructed in 7.4.2 *Extensive cleaning routine*.

### 5.2.1 SIMPLE CLEANING ROUTINE

A simple cleaning routine should be performed at least once a week. While doing so, the power does not have to be switched off.

To perform a simple cleaning routine:

1. Clean all surfaces of the cabinet with a slightly damp cloth.
2. Clean the outside of the cabinet with a slightly damp cloth.
3. Dry all surfaces and the outside of the cabinet with a soft, dry, and clean cloth.

### 5.2.2 EXTENSIVE CLEANING ROUTINE

#### **⚠ DANGER**

Make sure the cabinet is switched off before performing an extensive cleaning routine. This will avoid fire, explosions, electric shocks, or other hazards that may result in property damage and severe or fatal injuries.

An extensive cleaning routine should be performed at least every other month. This includes, but is not limited to, the cleaning of the elements mentioned below. While doing so, the power has to be switched off.



Dress appropriately. Do not wear loose clothing or jewellery. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewellery, or long hair can be caught in moving parts.

To perform an extensive cleaning routine:

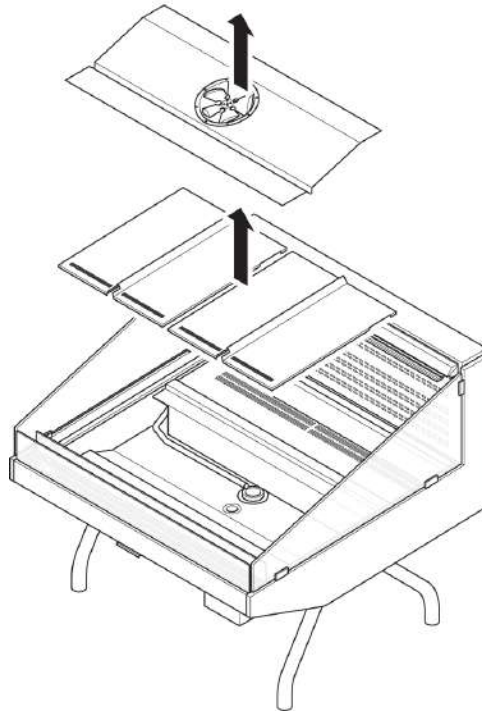
1. Make sure the power of the cabinet is switched off.
2. Remove all products from the **bottom plate** ⑬.
3. Remove the **bottom plate**.





Never use a water-spraying hose to clean the cabinet. Water may get into sensitive parts of the cabinet, such as the air filter of the engine. Use a bucket of lukewarm water, mild soap, and a sponge.

4. Clean the **bottom plate** ⑬.
5. Clean the **air-outlet grille** ⑲.
6. Clean the **fan plate** ⑭.



7. Lift the **fan plate** ⑭ and clean the evaporator plate underneath it.
8. Clean the **air-inlet grille** ⑩.
9. Clean all glass panels.
10. Dry all wetted parts with a clean, dry, and soft cloth.
11. Lower the **fan plate** back into the correct position.
12. Place the **bottom plate** ⑬ back into the cabinet.
13. Switch the power of the cabinet back on.
14. Place all products back into the cabinet.

### 5.3 DEFROSTING

For low-temperature applications ( $< +2^{\circ}\text{C}$ ), the **evaporator coil** ⑮ can be fitted with an electric defrosting element for defrosting the coil. The ice will cycle off by the fans for higher temperatures only (under normal store conditions).

The cabinet automatically runs six defrosting cycles every 24 hours (factory settings) to defrost the ice on the **evaporator coil** ⑮. An electrical defrost cycle is 30 minutes with a +8°C defrost termination temperature. A defrosting cycle is 45 minutes with a +6°C defrost termination temperature. The defrost termination probe located in the coil will start up the cooling again if the maximum defrosting termination temperature is reached before the end of the set defrost length.

## 5.4 PLANNED CLEANING AND MAINTENANCE

Cleaning and maintenance tasks shall be done on a regular basis. Accumulated dirt and dust may affect the functionality and lifespan of the cabinet.

Cleaning tasks shall be done according to the following plan:

Task	Frequency
Visual inspection / targeted cleaning	Daily / as much as needed
Simple cleaning routine	Every week
Extensive cleaning routine	<ul style="list-style-type: none"> <li>▶ Every other month (6 times a year)</li> <li>▶ In case of leaking products</li> </ul>

Maintenance tasks shall be done according to the following plan:

Task	Frequency
Inspection / general maintenance by an authorised and trained mechanic.	Every 12 months

## 5.5 PLANNED INSPECTION

Regular visual inspections shall be done on a regular basis. Unnoticed damages and malfunctions may shorten the lifespan of the cabinet and the shelf-life of products.

Inspection tasks shall be done according to the following plan:

Task	Frequency	Action
Check if the temperature is set correctly.	Daily	If needed, contact Smeva or an authorised mechanic for assistance.
Check if the exterior is clean and undamaged.	Daily	Clean if needed. If damaged, contact Smeva or an authorised mechanic for assistance.
Check if the interior is clean and undamaged.	Daily	Clean if needed. If damaged, contact Smeva or an authorised mechanic for assistance.
Check if the glass panels are clean and undamaged	Daily	Clean if needed. If damaged, contact Smeva or an authorised mechanic for assistance.
Check if the air vent is clean and not blocked.	Daily	Clean if needed. Unblock if needed.

## 6. TROUBLESHOOTING & REPAIR

### **⚠ DANGER**

Do not open the control panel. It is live even when the main switch is in the OFF position.

### **⚠ WARNING**

Make sure the cabinet is switched off before performing an inspection or any cleaning or maintenance activities. This will avoid fire, explosions, electric shocks, or other hazards that may result in property damage and severe or fatal injuries.

### **NOTICE**

If you cannot find a cause or solution for the error, please contact your installer.

### 6.1 TROUBLESHOOTING

Problem	Cause	Solution
The cabinet does not function at all	The power plug is not connected	Connect the power plug to the electrical outlet.
	The fuse in the group box to which the cabinet is connected has blown	Replace the fuse, or put the fuse switch to the ON position.
	The earth leakage circuit breaker in the group box is switched on	Put the earth leakage circuit breaker in the group box to the correct position.
The temperature of the cabinet is too high.	The evaporator is blocked with ice	Switch off the cabinet for several hours until the evaporator is entirely free of ice. Make sure the cabinet is emptied since the set cooling temperature cannot be ensured. Contact your installer or a qualified service engineer if the problem keeps occurring.
	The fans are not working	Check the cabling and power input of the fans. Contact your installer

Problem	Cause	Solution
		or a qualified service engineer.
	The inlet or outlet airflow is locked	Check the inlet and outlet airflow of the cabinet. Check for blockages due to overloading of products or contamination of air inlet/outlet.
	Alarm on display	Check the controller manual and contact your installer or a qualified service engineer.
	Setpoint too high	Lower the setpoint of the cabinet. Contact your installer or a qualified service engineer if the problem keeps occurring.
The temperature of the cabinet is too low	Setpoint too low	Increase the setpoint of the display cabinet. If the problem keeps occurring, contact your installer or a qualified service engineer if the problem keeps occurring.

## 6.2 SERVICE & CONTACT

For questions or malfunctions, please contact the Smeva installation partner who supplied your Market counter.

No maintenance contract? No problem. We're always here to help. For more information about our service, visit <https://smeva.com/> or call the Smeva service centre at +31(0)88-0124040.



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