



**HENDI**  
FOOD SERVICE EQUIPMENT

User manual

# **FREEZER WITH TWO DOORS 1300 L PROFI LINE**



Item: 232149

You should read this user manual carefully before using the appliance



Keep this manual with the appliance.



For indoor use only.



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Dear Customer,

Thank you for purchasing this Hendi appliance. Please read this manual carefully before connecting the appliance in order to prevent damage due to incorrect use. Read the safety regulations in particular very carefully.

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## 1. SAFETY INSTRUCTIONS

- Improper operation or use may cause serious damage to the appliance or injuries.
- The appliance can be used only as intended.
- The manufacturer and the seller shall not be liable for any damage caused by improper operation or use of the appliance.
- During the service life, protect the appliance and the power plug from contact with water and other liquids. If the appliance is accidentally dropped into water, immediately remove the plug from the mains and have the appliance checked by a specialist. **Failure to follow this instruction may result in a threat to human life.**
- Never open the appliance enclosure on your own.
- Do not insert any objects into the appliance enclosure.
- Do not touch the power cable plug with wet hands.
- Check the condition of the plug and the cable on a routine basis. If any damage to the plug or the cable is found, have them repaired at a specialised repair shop.
- If the appliance falls down or is damaged in another way, always have the appliance checked and, if necessary, repaired by a specialised repair shop before continued use.
- Never repair the appliance on your own. **This may result in a threat to human life.**
- Secure the cable so that it does not come into contact with sharp or hot objects. Keep it away from open flame. To disconnect the appliance from the mains, always pull the cable by the plug.
- Secure the cable (or extension cord) against accidental unplugging or anyone stumbling over it.
- Keep monitoring the appliance during operation.
- Children are unaware of hazards created operating electrical equipment. Never allow children to handle electrical equipment.
- After a longer idle period and always before cleaning, disconnect the appliance from the power source by unplugging it.
- **Caution!** The appliance is energised as long as it is plugged.
- Turn the appliance off before unplugging it.

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- Never pull the power cable.
- Use only the accessories supplied with the appliance.
- The appliance must be connected to a socket whose current and frequency are consistent with the data on the name plate.
- Avoid overloading.
- After finished operation, disconnect the appliance by removing the plug from the socket.
- Prior to cleaning, always disconnect the plug from the socket.
- The electrical installation must comply with national and local regulations.
- The appliance must not be used by persons (including children) of impaired physical, sensory or mental abilities, or those who lack appropriate knowledge and experience.

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## 1.2 PRIOR TO START-UP

- Make sure the appliance is undamaged. In case of any damage, immediately contact your supplier.  
**DO NOT** use the appliance.
- Remove the entire packaging and protecting foil (if applicable).
- Clean the appliance with lukewarm water and a soft cloth.
- Position the appliance on a flat and stable surface, unless recommended otherwise.
- Provide sufficient space around the appliance to ensure ventilation.
- Position the appliance appropriately to ensure good access to the plug at all times.

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## 1.3 INTENDED USE

The appliance is designed for storage of frozen food products such as meat, fishes, fruits, vegetables etc. such as lettuce, vegetables, fruit, meat, etc. at a temperature below 0.

NOTE: Products put in the freezing appliances must be already pre-frosted. Otherwise, moisture evaporating while freezing food products can condensate

inside the compartment, which is natural and does not indicate any malfunction of the appliance.

**Do not use the appliance to store medical products.**

**Operating the appliance for any other purpose means misuse of the appliance.**

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## 2. INTRODUCTION

This manual provides all necessary information on:

- operation of the counter
- technical data
- installation and use
- guidance and indications for operators
- maintenance

This manual is an integral part of the appliance. Keep the manual in a secure place for future reference.



## NOTE

The manufacturer and/or seller accepts no liability for:

- Improper installation (inconsistent with guidelines provided in the manual)
- Improper operation of the appliance
- Power failures
- Improper maintenance
- Unauthorised changes or alterations of the appliance

- Use of non-genuine spare parts
- Partial or complete failure to follow the manual

All electrical equipment may pose a health hazard. It is mandatory to observe valid standards and legal requirements during installation and operation of the appliance.

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## 3. OPERATING THE APPLIANCE

The appliance is used for storage of fresh food with a short best before date. The appliance is equipped with a built-in refrigerating unit.

Operating temperature in mode:

- approx. -22 °C to -16 °C, ambient temperature +43 °C, relative humidity 60%;

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## 4. CONTROL UNIT

The electrical control panel and power switch are located in the front side of the appliance. The switch is used to power on/off the appliance. If the red LED is on, it indicates that the appliance is powered and working. No active red LED means that the appliance is disconnected and stopped. The control panel is used to configure all

parameters necessary for proper operation of the appliance. It is required to learn about the parameters described in the manual supplied with the digital control panel. The controller manual is part of this manual, it is very important if the appliance must be serviced.

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## 5. HANDLING

The appliance is supplied in PET foil packaging and a cardboard box on a wooden pallet.

The counter must be transported and handled carefully to avoid any risk to persons or property. Never place the appliance with a built-in refrigerating unit on its side or upside down as this may

damage the refrigerating unit. The manufacturer and the seller shall not be liable for direct or indirect damage or faults due to improper handling or failure to comply with the following guidelines. Follow OH&S rules while transporting and/or handling the appliance.

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## 6. INSTALLATION

- Position the appliance in the coolest and best ventilated part of the room. Do not install the appliance in the vicinity of heat sources or exposed to direct sunlight.
- Remove protective straps on the cardboard box.

- Remove the cardboard sheet.
- Remove the protective foil.
- Wash the appliance with a mild agent. Dry up using a soft cloth.



## 7. CONNECTION TO POWER SUPPLY

The connection to the power source must be made by trained and qualified service technicians. The power cable is supplied with the appliance. A thermomagnetic circuit breaker (field supply) must be installed between the socket and the power cable of the appliance.

Prior to making the connection, make sure:

- The supply voltage corresponds to the appliance voltage of 230 V / 50 Hz / 1 ph. Proper operation of the appliance requires that the voltage should be within  $\pm 6\%$  of the rated voltage.
- The electrical system used to power the appliance must be suitable for rated parameters of the appliance to be installed.

- The electronic system connected to the counter complies with applicable requirements. Electrical connections and installation of the thermomagnetic circuit-breaker have been performed by a qualified person.

### Connection stages:

- Install the thermomagnetic circuit breaker suitable for rated output power of the appliance to be installed.
- Connect the appliance to the output on the thermomagnetic circuit breaker.
- Make sure the appliance is operational (signalled by an indicator lamp).

## 8. MAINTENANCE

Proper functioning and service life of the appliance are essentially dependent on proper and routine maintenance.

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### Cleaning

Regular monthly cleaning of the appliance is recommended. Observe the following instructions.

Prior to cleaning, it is mandatory to unplug the power cable of the counter from the mains.

### External cleaning of the counter top surface

Wash the appliance with a mild agent. Dry up using a soft cloth.

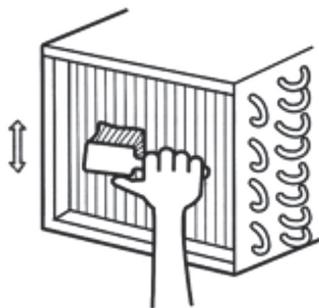
Do not use abrasive and/or caustic products as they may damage external surfaces of the appliance.

### Internal cleaning

Clean the interior of the appliance at least once a month, using an agent approved for food contact. Do not use abrasive and/or caustic products as they may damage internal surfaces of the appliance.

### Evaporator cleaning

In order to ensure good functioning of the appliance, regular cleaning of the condenser about every 4 months is recommended. Use a dry brush or vacuum cleaner.



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## 9. TROUBLESHOOTING

Problem	Cause	Solution
Appliance turns off (the LED goes off)	The appliance is located too close to a heat source	Make sure the plug is properly inserted in the socket
		Check the switch on the appliance
		Check power supply
Temperature of the appliance is rising	The condenser is dirty	Move the appliance or the heat source away
	The condenser is dirty	Clean the condenser

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## 10. INSTRUCTION MANUAL

1. Before use, a new appliance should be opened and aired. Next, clean the inside of the appliance with warm water.
2. Once connected to the power source, press the power button to turn on the control panel – the red LED will light up. The appliance will start up. The microcomputer controller installed in

the control panel has a function of automatic temperature range adjustment. The principle of the smart digital controller is as follows: if the temperature rises and reaches the setpoint, the compressor is started; in turn, the compressor shuts down when the temperature reaches the set value again.



## 10.1 DESCRIPTION OF THE DIGITAL CONTROLLER

### DRAWING OF THE PANEL AND MEANING OF CONTROLS AND DIODES



Diode	Mode	Meaning
	on	compressor enabled
	flash	anti short cycle delay enabled (AC parametr)
	on	defrosting in progress
	flash	dripping in progress
	on	fans output enabled
	flash	fans delay after defrost
	on	measurment unit
	flash	programming mode
	on	measurment unit
	flash	programming mode

#### HOW TO SEE THE SET POINT

1. Push and immediately release the SET key, the set poin will be showed;
2. Push and immediately release the SET key or wait about 5s to return to normal visualisation.

#### HOW TO CHANGE THE SETPOINT

1. Push the SET key for more than 2 seconds to change the Set point value;
2. The value of the set point will be displayed and the "°C" or "°F" LED starts blinking;
3. To change the Set value push the  $\blacktriangle$  or  $\blacktriangledown$  arrows.
4. To memorise the new set point value push the SET key again or wait 10s.

#### HOW TO START A MANUAL DEFROST

Push the DEF  key for more than 2 seconds and a manual defrost will start.

#### HOW TO CHANGE A PARAMETER VALUE

To change the parameter's value operate as follows:

1. Enter the Programming mode by pressing the SET +  $\blacktriangledown$  key for 3s ("°C" or "°F" LED starts blinking).
2. Select the required parameter. Press the "SET" key to display its value.
3. Use  $\blacktriangle$  or  $\blacktriangledown$  to change its value.
4. Press "SET" to store the new value and move to the following parameter.

To exit: Press SET +  $\blacktriangle$  or wait 15s without pressing a key.

NOTE: the set value is stored even when the procedure is exited by waiting the time-out to expire.

## HIDDEN MENU

The hidden menu includes all the parameters of the instrument.

### HOW TO ENTER THE HIDDEN MENU

1. Enter the Programming mode by pressing the SET +  $\nabla$  key for 3s ("°C" or "°F" LED starts blinking).
2. Released the key, then push again the SET +  $\nabla$  key for more than 7s. The L2 label will be displayed immediately followed from the Hy parameter.

### NOW YOU ARE IN THE HIDDEN MENU

3. Select the required parameter.
4. Press the "SET" key to display its value.
5. Use  $\blacktriangle$  or  $\nabla$  to change its value.
6. Press "SET" to store the new value and move to the following parameter.

To exit: Press SET +  $\blacktriangle$  or wait 15s without pressing a key.

NOTE1: if there aren't any parameter in L1, after 3s the "nP" message is displayed. Keep the keys

pushed till the L2 message is displayed.

NOTE2: the set value is stored even when the procedure is exited by waiting the time-out to expire.

### HOW TO MOVE A PARAMETER FROM THE HIDDEN MENU TO THE FIRST LEVEL AND VICE VERSA.

Each parameter present in the HIDDEN MENU can be removed or put into "THE FIRST LEVEL" (user level) by pressing SET +  $\nabla$ . In HIDDEN MENU when a parameter is present in First Level the decimal point is on.

### TO LOCK THE KEYBOARD

1. Keep pressed for more than 3s the  $\blacktriangle$  or  $\nabla$  keys.
2. The "OF" message will be displayed and the keyboard will be locked. If a key is pressed more than 3s the "OF" message will be displayed.

### TO UNLOCK THE KEYBOARD

Keep pressed together for more than 3s the  $\blacktriangle$  or  $\nabla$  keys till the "on" message will be displayed.

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## 10.2 ALARM SIGNALLING

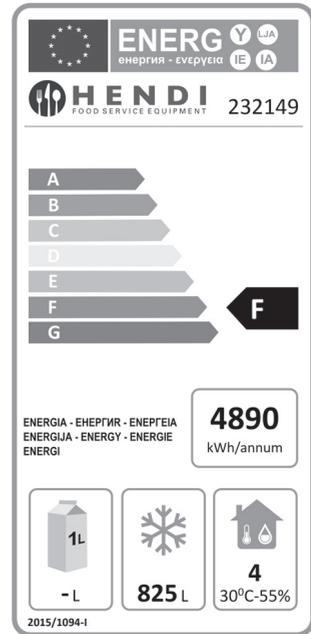
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Message	Cause	Outputs
"P1"	Room probe failure	Compressor output according to "Cy" e "Cn"
"P2"	Evaporator probe failure	Defrost end is timed
"HA"	Maximum temperature alarm	Outputs unchanged
"LA"	Minimum temperature alarm	Outputs unchanged
"EA"	External alarm	Outputs unchanged
"CA"	Serious external alarm	All outputs OFF
"dA"	Door open	Compressor and fans restarts



## 11. TECHNICAL PARAMETERS

Model	Freezer with two doors 1300 L Profi Line
Intended use	storage of storage of frozen foodstuffs
Operating temperature	frozen
Heavy-duty cabinet, the appliance intended for use in ambient temperatures up to 40°C	
Refrigerant fluid	name/refrigerant charge in kg/ global warming potential (GWP) R404a/0,55 kg/ 3922
Daily Energy Consumption	13,4 kWh
Annual Energy Consumption	4890 kWh
Temp. range [°C]	-22 / -14
Energy efficiency class	F
Energy efficiency index	88
Climate class	4
Net volume (chilled volume)	825 l



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## 12. ENVIRONMENTAL CONCERNS



At the end of the life of the appliance, please dispose of the appliance according to the regulations and guidelines

applicable at the time. Throw packing materials like plastic and boxes in the appropriate containers.

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### 13. WARRANTY

Any defect affecting the functionality of the appliance that becomes apparent within one year after purchase will be corrected by free repair or replacement provided the appliance has been used and maintained in accordance with the instructions and has not been abused or misused in any way. Your statutory rights are not affected. If the appliance is claimed under

warranty, state where and when it was bought and include proof of purchase (f.e. receipt).

In line with our policy of continuous product development we reserve the right to change the product, packaging and documentation specifications without notice.





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