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› HARVIA XENIO CX110C COMBI Control Unit Instruction Manual

Harvia CX110C

Harvia Xenio CX110C Combi Control Unit Instruction Manual

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Harvia Xenio CX110C Combi control unit. Please read these instructions carefully before use to ensure safe and efficient operation of your sauna system. Retain this manual for future reference.

PRODUCT OVERVIEW

The Harvia Xenio control unit features a modern touch control panel designed for managing various sauna heating systems, including traditional electric heaters, Combi heaters with evaporators, and infrared heaters. Its compact and clear touch panel can be surface-mounted in virtually any space – sauna cabin, bathroom, changing rooms, or even a dining room. The control panel indicates when the sauna is at the correct temperature for a session.

Key Features

- Intuitive touch control panel for easy operation.
- Compatible with electric heaters, Combi heaters, and infrared heaters.
- Compact design allows for versatile mounting options (surface or integrated).
- Adjustable temperature range: 40–110 °C.
- Adjustable humidity range: 20–95 rH (for Combi models).
- Configurable operating time: 1–6 hours for family saunas, 1–12 hours for public saunas.
- Pre-programming duration: 0–12 hours.
- Integrated control for ignition and fan functions.



Image Description: The Harvia Xenio CX110C Combi control unit, featuring a sleek black touch panel displaying temperature and time, positioned next to its metallic power unit.

PACKAGE CONTENTS

The Harvia Xenio CX110C Combi control unit package typically includes the following components:

- Control Panel
- Power Unit
- Temperature Sensor (WX232) with approximately 4m cable
- Humidity Sensor (WX325) with approximately 4m cable
- Control Cable (5m, with optional 10m extension cable available, max total 30m)
- Protective wooden body for the sensor (Thermo Aspen, Aspen, or Alder)
- Instruction Manual

SETUP AND INSTALLATION

Proper installation is crucial for the safe and correct functioning of the Harvia Xenio CX110C Combi control unit. Installation should be performed by a qualified electrician in accordance with local regulations and the detailed instructions provided in the full installation manual (not included in this summary).

Control Panel Mounting

The control panel can be surface-mounted on a wall or integrated into a surface for a seamless appearance. Its compact dimensions (85 mm x 24 mm x 110 mm) allow for flexible placement.

Power Unit Placement

The power unit should be installed in a suitable location, typically outside the sauna cabin, ensuring adequate ventilation and accessibility for wiring. Its dimensions are 272 mm x 70 mm x 193 mm.



Image Description: A side view of the metallic Harvia Xenio power unit, a rectangular box with screw holes for mounting.

Sensor Installation

The temperature sensor (WX232) and humidity sensor (WX325) should be installed inside the sauna cabin according to the provided diagram. The temperature sensor includes a resettable overheat safety device and an NTC thermistor. The humidity sensor measures both temperature and relative humidity.



Image Description: A white, oval-shaped Harvia Xenio temperature and humidity sensor, designed for discreet placement within the sauna cabin.

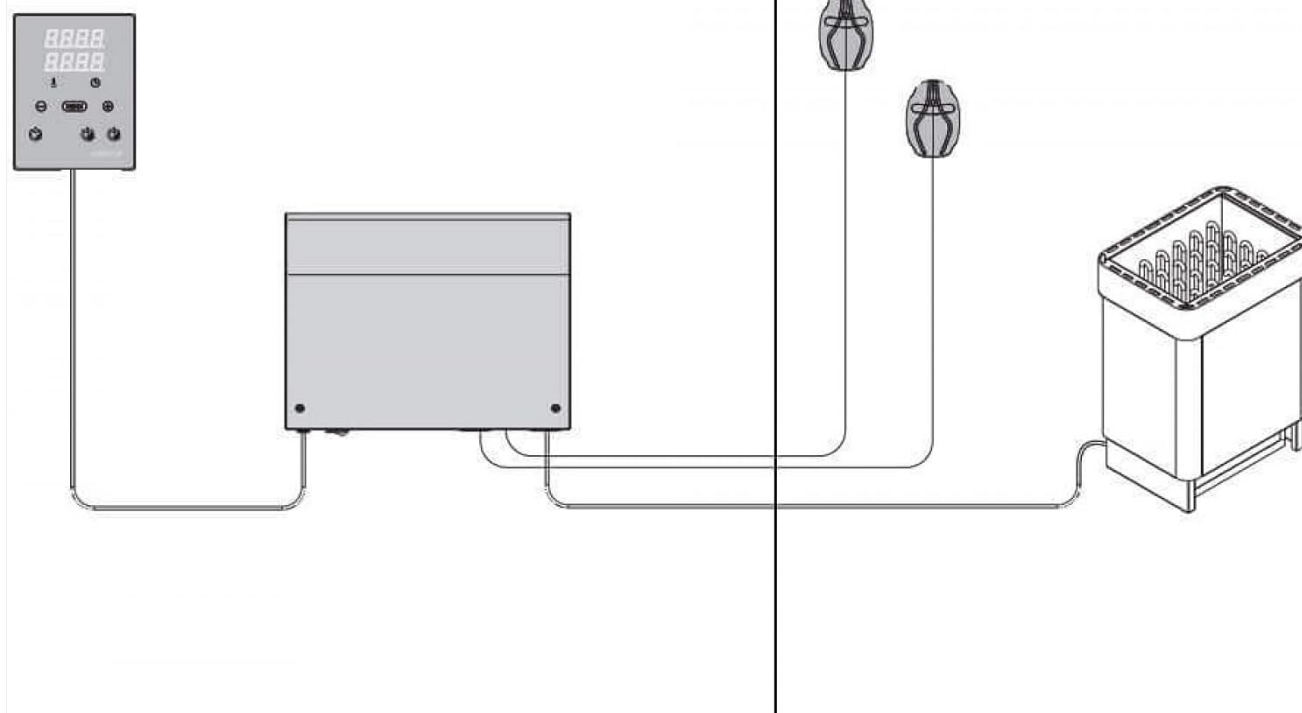


Image Description: An illustration showing the typical wiring diagram for the Harvia Xenio CX110C Combi control unit. It depicts the control panel connected to the power unit, which in turn is connected to the sauna heater and the temperature/humidity sensors inside the sauna cabin.

OPERATING INSTRUCTIONS

The Harvia Xenio control unit features an intuitive touch panel for easy operation. Follow these steps to operate your sauna:

Powering On/Off

Use the designated power button on the touch panel to turn the unit on or off. The panel will display current temperature and time.

Temperature Adjustment

Adjust the desired sauna temperature using the touch controls. The adjustable temperature range is 40–110 °C.

Humidity Adjustment (Combi Heaters)

For Combi heaters, the humidity level can be set within a range of 20–95 rH using the appropriate controls on the panel.

Operating Time Setting

Set the desired operating time for your sauna session. For family saunas, the range is 1–6 hours. For public saunas, the range is 1–12 hours.

Pre-programming

The unit allows for pre-programming the start time of your sauna session, with a duration range of 0–12 hours. Consult the full manual for detailed pre-programming steps.

Additional Controls

The control unit also provides control for ignition and fan functions, if applicable to your specific sauna setup.



Image Description: A close-up image of a hand interacting with the Harvia Xenio touch control panel, which displays a temperature of 21°C and a time of 3:08. The panel features touch buttons for power, menu, temperature adjustment, and light/fan controls.

MAINTENANCE

To ensure the longevity and optimal performance of your Harvia Xenio CX110C Combi control unit, regular maintenance is recommended:

- **Cleaning:** Wipe the control panel with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the surface.
- **Inspection:** Periodically check all cables and connections for any signs of wear, damage, or loose fittings.
- **Sensor Care:** Ensure the temperature and humidity sensors are free from dust, debris, or obstructions that could affect their accuracy.

For detailed maintenance procedures or if you encounter any issues, refer to the comprehensive manual provided with your sauna heater or consult a qualified service technician.

TROUBLESHOOTING

This section provides general guidance for common issues. For more complex problems, contact Harvia customer support or a certified technician.

Common Issues and Solutions

- **Unit Not Powering On:**
 - Check the main power supply to the sauna system.
 - Ensure all connections to the power unit are secure and correctly wired.
- **Incorrect Temperature Reading:**
 - Verify the temperature sensor is correctly installed and not obstructed.
 - Ensure the sensor cable is not damaged or kinked.
- **Heater Not Activating:**
 - Check the set operating time and pre-programming settings.
 - Confirm the power unit is receiving power and connected correctly to the heater.

If issues persist after attempting these steps, professional assistance may be required.

SPECIFICATIONS

Component	Detail
Brand	Harvia
Model	Xenio CX110C Combi
Control Panel Dimensions (L x W x H)	85 mm x 24 mm x 110 mm
Control Panel Weight	0.1 kg
Power Unit Dimensions (L x W x H)	272 mm x 70 mm x 193 mm

Component	Detail
Power Supply Voltage	400 V 3N~
Max. Power to Heater (direct)	11 kW
Max. Power to Combi Heater (with contactor)	17 kW
Max. Power to Heater(s) (via LTY17C extension)	28 kW
Ignition Control Power	Max. 100 W, 230 V 1N~
Fan Control Power	Max. 100 W, 230 V 1N~
Temperature Sensor	WX232 (NTC thermistor, resettable overheat safety)
Humidity Sensor	WX325
Sensor Cable Length	Approx. 4 m
Control Cable Length	5 m (extendable up to 30 m)
Adjustable Temperature Range	40 - 110 °C
Adjustable Humidity Range	20 - 95 rH
Operating Time Limit	0 - 12 h
Material (Sensor Protective Body)	Wood (Thermo Aspen, Aspen, or Alder)
ASIN	B016C1J1PK

WARRANTY AND SUPPORT

Specific warranty information for the Harvia Xenio CX110C Combi control unit is not provided in the available product data. Please refer to the official Harvia website or contact your retailer for detailed warranty terms and conditions.

Information regarding the availability of spare parts is currently unavailable. For technical support, service inquiries, or to purchase replacement parts, please contact Harvia customer service or an authorized Harvia dealer.

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