

Installation and operation manual

Drying cabinet

Thank you for choosing the drying cabinet.

*We hope that it will be of great use for you and ask you kindly to
read the instructions carefully.*

Article and serial number

See page 25

Manufacturer: NIMO-VERKEN AB



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THIS USER MANUAL

The contents of this user manual describe the drying cabinet's **function** and **operation** and instructions for **installation** and **maintenance**.



Note: *Keep this user manual so that it is always to hand for future use*

This advice on safe operation has been compiled to enable you to avoid incorrect use and unnecessary risks of accidents and should be read before the drying cabinet is installed and used.

CAUTION This equipment is intended only to be used to dry fabrics washed in water.

❑ **Applicable to installation in the EU**

This drying cabinet can be used by children over the age of 8 and persons (including children) with various disabilities or inadequate experience and knowledge, provided they are kept under supervision or are given instructions on how to use the appliance in a safe way and understand the risks that use entails. Children must not play with the appliance.

❑ **Applicable to installation in countries outside the EU**

The appliance is not intended for use by persons (including children) with various disabilities or inadequate experience and knowledge.

They may use the appliance only under supervision or if they have received instructions on how to use the appliance from a person who is responsible for their safety.

Children must be supervised to ensure that they do not play with the appliance.

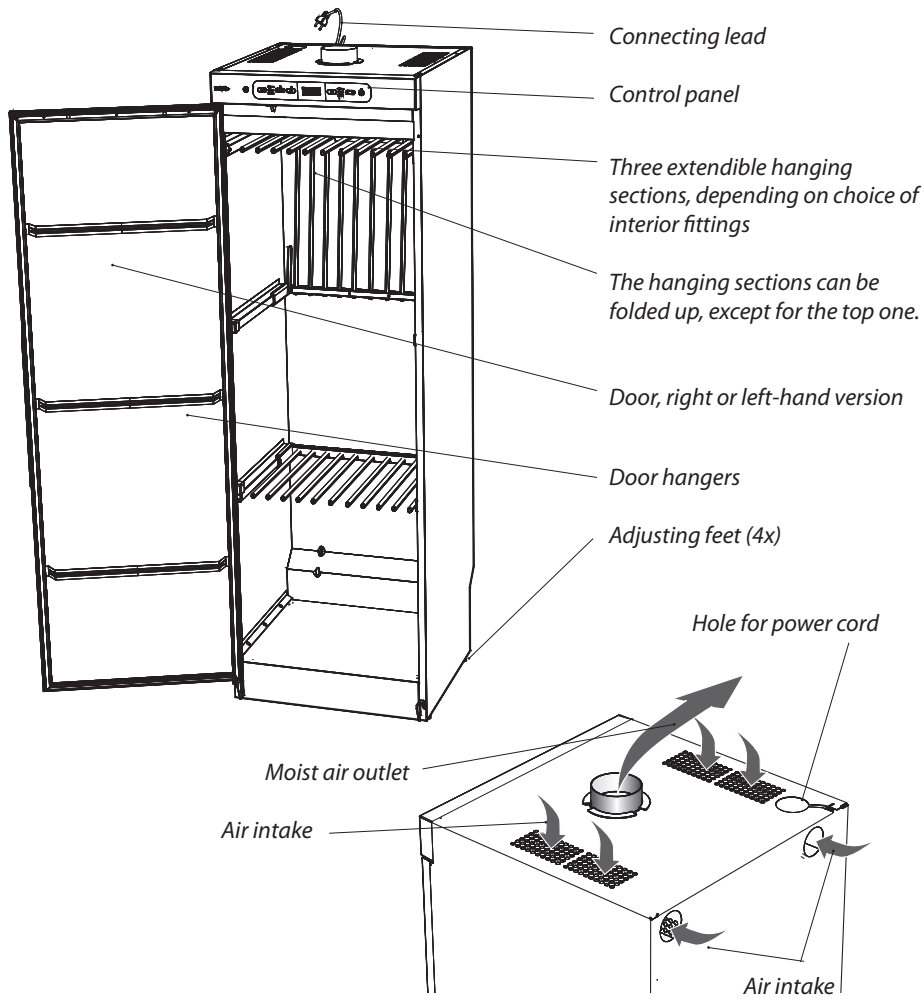
❑ **Applicable to all installation**

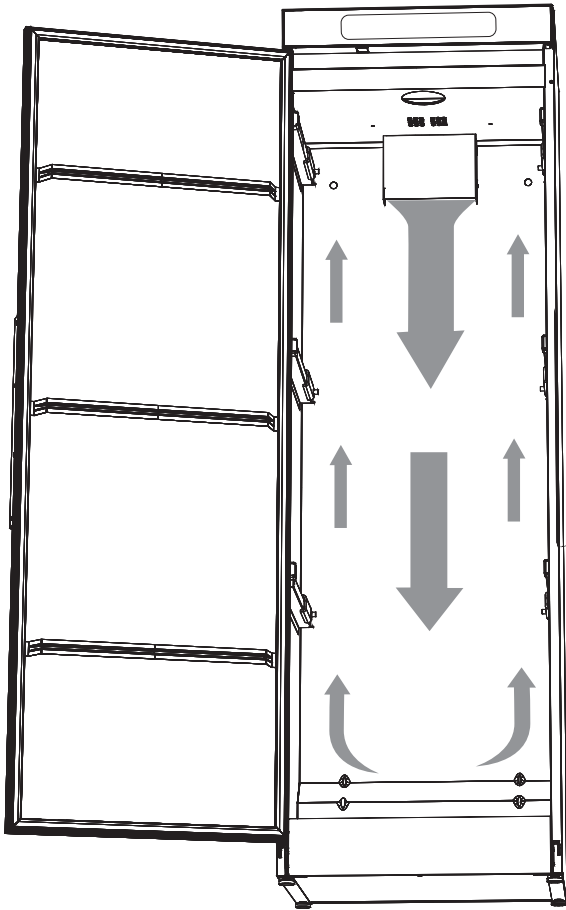
CAUTION To avoid danger due to accidental resetting of the overheat cut-out this product must not be connected to an external switching device such as a timer or to a circuit that regularly turns the product on and off.

- ❑ If the power cord is damaged, it must be immediately replaced, and this must be done only by the manufacturer, the manufacturer's service agent or similarly qualified persons in order to avoid danger.

DESCRIPTION OF THE DRYING CABINET

The drying cabinet operates with hot air that removes moisture from the laundry. Heating and fan components are combined in the upper part of the drying cabinet behind the control panel.





Note the direction of air flow inside the cabinet when positioning laundry. See also this section.

UNPACKING

PACKAGING MATERIALS

The packaging that protects the drying cabinet against damage in transit has been chosen with concern for the environment in mind and is therefore recyclable.

Packaging that is returned to the material cycle means reduced consumption of raw materials and a smaller volume of waste.



*The drying cabinet must be handled carefully if it is standing unsupported on its pallet. **RISK OF TIPPING OVER***

Check that the product has not been damaged in transit. Any damage incurred in transit must be reported to PODAB within 7 days.

After unpacking, check that the product is intact. Damage, defects and any missing parts must be reported to the dealer immediately.

The drying cabinet must be installed and kept indoors.



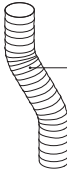




Check that all transport securing devices have been removed before connecting the drying cabinet.

Packaging materials such as plastic and Styrofoam must be kept out of the reach of children.

A complete delivery must include:

- ☐ Cabinet with installed fan unit
- ☐ Assembly kit
- ☐ User manual

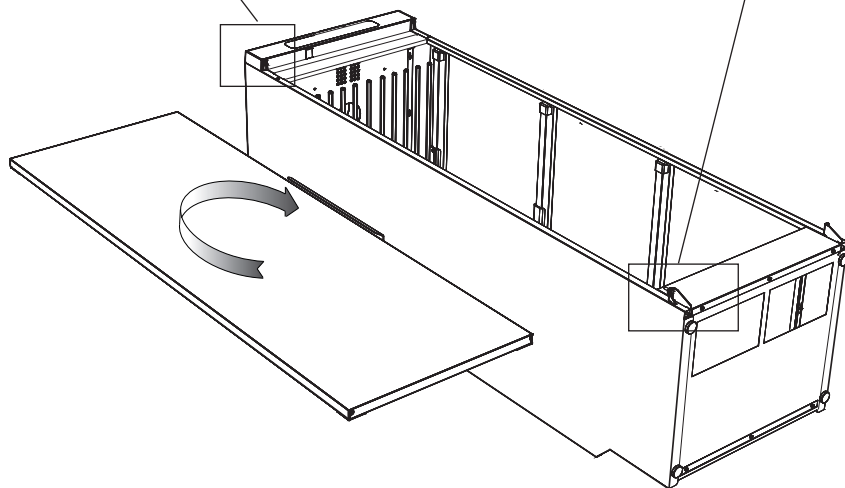
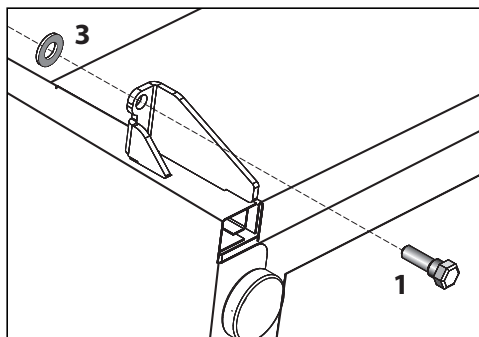
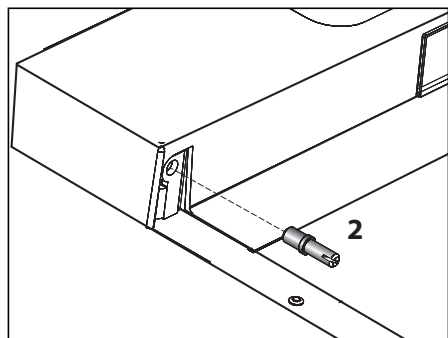
ASSEMBLY KIT

	Draught stabiliser	Qty 1		Plastic plug	Qty 2
	Hose, Ø 120 x 1000 mm	1		Spacer 8.2x12x15	2
	Spigot	1			
	Screw TRX 5x70 fzk	2			
	Washer NB 5x25	2			

REHANGING OF DOOR

The door may be right-hung or left-hung.

- 1 Lay the drying cabinet down on its side.
- 2 Loosen the hinge pin at the lower hinge (1) and lift off the door. Retain the washer (3).
- 3 Detach the hinge pin at the upper hinge (2) and install it on the opposite side. The pin has a slot for a screwdriver.
- 4 Rotate the door, fit and screw in the door with the lower hinge pin (1) and the washer (3).



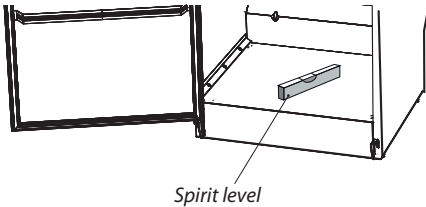
The drying cabinet is intended only for location indoors in a dry place and secured to a wall.

The drying cabinet must not be placed in an environment in which high-pressure water is used for cleaning.

The drying cabinet must be **level on a flat surface**, resting on all four feet.

If there is a need for adjustment, lean the cabinet and adjust the adjusting feet. Check with a spirit level that the cabinet is level.

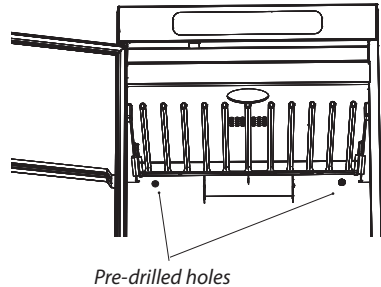
Bear in mind that the cabinet is top-heavy and there is a risk of it tipping over. This adjustment should be carried out by two people.



Attaching to a wall also means a better door seal.

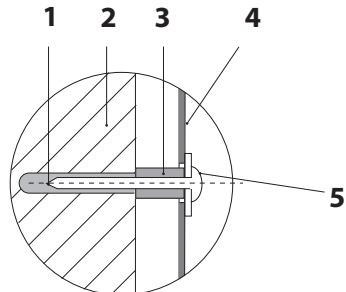
The cabinet must be **attached to a wall** to prevent tipping over.

- 1 Open the door and drill 8 mm holes in the wall through the two pre-drilled holes in the rear of the drying cabinet.
- 2 Fit the plastic plugs in the wall. Thread the spacer onto the screw and fit with washer as illustrated. Screws are contained in the assembly kit.



CAUTION *The drying cabinet must not be used without being secured to a wall owing to the risk of tipping over forward.*

1. Plastic plug
2. Wall behind drying cabinet
3. Spacer
4. Rear wall of drying cabinet
5. Fixing screw with washer



EVACUATION / SUPPLY AIR

When the cabinet is on, approx. 95 m³ moist air per hour is evacuated. It must therefore be ensured that air can enter the room to replace the moist air that is vented out.

CONNECTION TO EVACUATION

The drying cabinet can be connected to the evacuation duct in two ways, either with a draft stabiliser or permanently fitted to a mechanical exhaust vent.

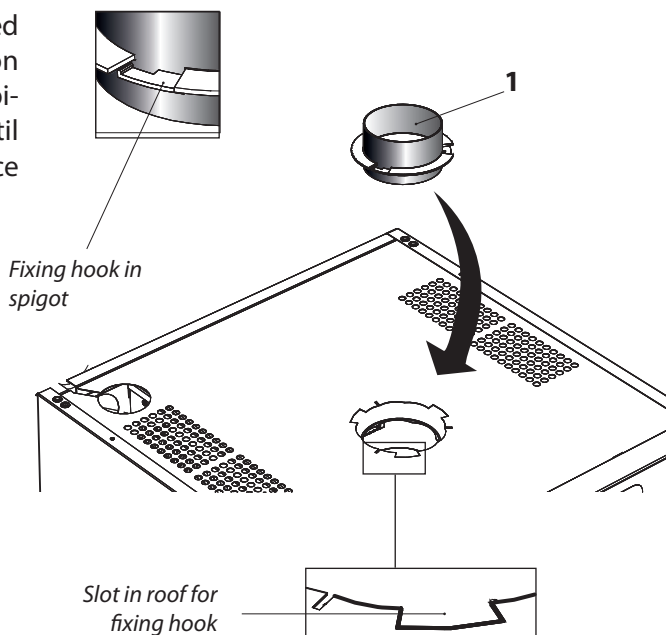
If the drying cabinet is to be connected to an existing vent system, a draught stabiliser must always be used, so that the general ventilation in the room is not affected.

Permanent fitting must only be carried out when a separate exhaust-air duct is routed to the drying cabinet, the air flow in the exhaust-air duct being adjusted to 95 m³ per hour.

The drying cabinet has been tested and factory-set for connection with a draught stabiliser.

Air connection on the cabinet

Position and fit the supplied spigot (1) over the hole on the top of the drying cabinet. Rotate clockwise until the spigot clicks into place in the slots in the roof.

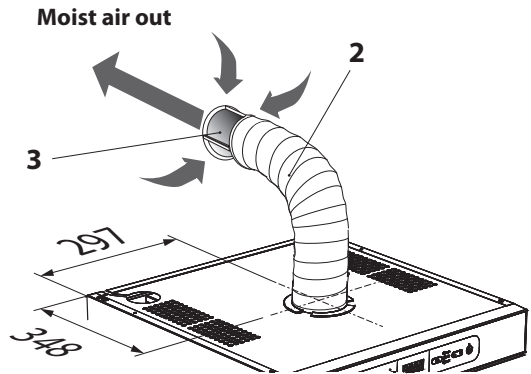


With draught stabiliser

Connect the flexible hose (2) to the spigot. Connect the other end of the hose to the **draught stabiliser** (3) which is then pressed home on the exhaust vent in the room.

The drying cabinet must not be connected to a flue.

The air intake must not be blocked.



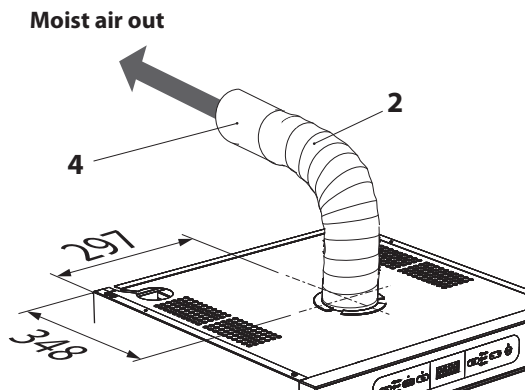
1. Spigot (page 12)
2. Hose, Ø 120 x 1000 mm
3. Draught stabiliser
4. Adapter

Permanently fitted to mechanical exhaust vent

Connect the flexible hose (2) to the spigot. Connect the other end of the hose to the **adapter** (4) and then press this home on the exhaust vent in the room.

Adapter is not supplied.

The air intake must not be blocked.



ELECTRICAL CONNECTION

The drying cabinet must be connected to a 230 V single-phase 50-60 Hz and protectively earthed wall socket.

Fuse 10A.

The drying cabinet is supplied ready for connection with a cable and an earthed plug.

The drying cabinet should be connected to an earthed wall socket using the connecting cable supplied and must not be permanently wired.

The socket should be located so that the plug can be easily pulled out if necessary.

*Check that the connection current agrees with the data on the identification plate and that the power cord is earthed correctly in accordance with applicable standard. We recommend that the power cord be fitted with a **residual current device (RCD)**.*

The drying cabinet must be connected to a dedicated circuit.

The manufacturer disclaims all liability if the electrical connection has not been carried out in the way described in this user manual.

If the mains lead for any reason is damaged, it must be replaced. A genuine spare part can be obtained from the dealer who supplied the cabinet.

Note: *A replacement cord must only be fitted by a qualified electrician.*



Read these operating instructions before using the drying cabinet for the first time.

CAUTION *Read the safety instructions on page 5 before using the cabinet.*

- 1** Make sure that the cabinet is firmly attached to the wall. See page 11.
- 2** Make sure that no packaging material has been left behind.
- 3** Use a mild detergent with hot water and wash the inside and outside of the drying cabinet. Dry carefully. See also the 'Care' section later in the manual.

ARRANGING LAUNDRY FOR DRYING

There are three sections with hangers in the cabinet, depending on choice of interior fittings. Each section has a number of rails for hanging laundry.

- ❑ Hang the items in the drying cabinet according to how much space they require - not according to their weight.
- ❑ For most efficient drying, do not lay item flat on the upper hanger section.
- ❑ Position long items closest to the walls of the cabinet and shorter items towards the centre of the cabinet. The most efficient drying results are achieved by hanging the items in this way.
- ❑ Fold up the two bottom hanger sections if long items are to be dried.
- ❑ Hang gloves, caps, scarves and similar items on the hanger strips on the inside of the door.
- ❑ All the hanger sections are extendible to make it easier to hang laundry. The hanger sections must be in their inner position when the door is closed.
- ❑ Do not overload the drying cabinet. If you do, the laundry will become creased and dry unevenly. Instead, leave a space between the items if possible.
- ❑ If there is a risk of particular items shedding colour, free space should be left around them.
- ❑ Avoid drying heavy items of clothing together with lighter items as they have very different drying times.
- ❑ Dry knitted products flat. These are

heavy when wet and stretch unnecessarily if they are hung on a peg.

USER TIPS

- ❑ Always following the laundry instructions on the item of clothing if present.
- ❑ If a fabric conditioner or anti-static agent is used, follow the manufacturer's instructions for use of this product.
- ❑ Adapt the drying temperature in the cabinet for products that contain foam rubber or similar material. Follow the manufacturer's instructions closely for the washing and drying of such products.

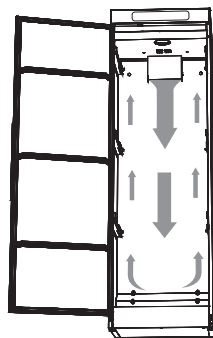
AIR FLOW

The illustration shows the air flow in the drying cabinet.

Keep the area around the evacuation duct clear of dust and dirt.

Make sure that the air intake and exhaust duct are not blocked.

See page 6.



Note: When the cabinet is cold it may happen that the door's sealing strip does not close completely. However, this is fully compensated when the cabinet is operating with heat as the sealing strip expands.

The drying cabinet is equipped with **three automatic programmes** and **three manually time-controlled programmes** suited to different types of clothing.

There are also extra functions for the automatic programmes.

The drying process is controlled by sensors or timer and temperature settings.

Choice of drying programme is guided by: - energy efficiency

- gentle treatment of fabrics
- dealing with fabrics that are difficult to dry
- total time for drying process

CHOICE OF AUTOMATIC PROGRAMME

When choosing automatic programme, you need to ask some questions

1 WHEN MUST THE LAUNDRY BE DRY?

Can it wait for a long time? Or is it urgent?

Long time: choose ECO+, which is the cabinet's most energy-efficient programme.

Medium time: Choose between HIGH and LOW with the option ECO.

Short time: choose between HIGH and LOW.

2 WHAT TYPE OF FABRICS ARE THEY?

If they are tough fabrics, such as cotton, choose HIGH.

If they are sensitive fabrics, choose LOW.

If they are fabrics that are difficult to dry, such as children's overalls, choose Extra Dry for either HIGH or LOW.

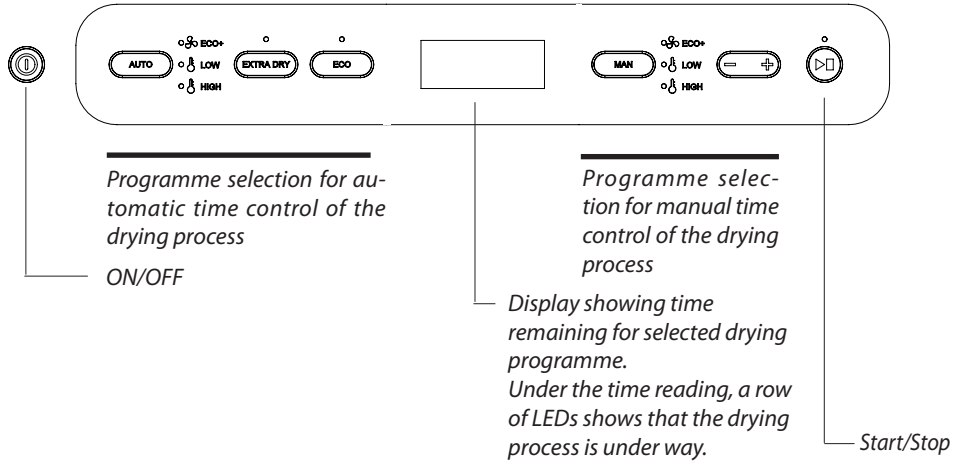
3 WHY DOES THE CABINET NOT CLOSE BY ITSELF?

The cabinet is adjusted to a particular environment. If the environment in question differs from this reference environment, you may need to make some adjustment to the parameters controlling the drying process.

The procedure for setting is described in "*Adjustment of parameters and calibration of sensor*" on page 22.

OPERATION

CONTROL PANEL



Buttons for automatic time control of the drying process

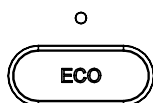
- AUTO** Button for activation of automatic drying process
- ECO+** Only the fan is started. This programme selection is highly energy-efficient and very gentle on the laundry. Use this programme when you have plenty of time. **AUTO ECO** now lights up.
- LOW** Here both the fan and the element are active but have a limited temperature inside the cabinet. Use this programme when you need to have your sensitive fabrics dry in a shorter time. **AUTO LOW** now lights up.
- HIGH** Here both the fan and the element are active. The temperature restriction is significantly higher than in **AUTO LOW**. This programme dries the fabrics quickly. **AUTO HIGH** now lights up.

You can choose an optional extra function, *EXTRA DRY*, for *AUTO LOW* and *AUTO HIGH*.



EXTRA DRY is for fabrics that are thicker and more difficult to dry, such as children's overalls, ski suits, etc. AUTO HIGH and EXTRA DRY or AUTO LOW and EXTRA DRY now light up.

In addition, there is an extra function, *ECO*, as an option for *AUTO HIGH*.



ECO is a programme that makes use of the thermal energy where it produces the greatest benefit. This results in a programme that is longer than the normal programme, but consumes less energy. If AUTO ECO+ has been chosen as a drying programme as above, this function is already pre-selected. AUTO HIGH and ECO now light up.

Buttons for manual time control of the drying process



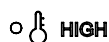
Button for activation of manual time control of drying process



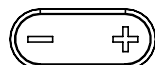
Only the fan is started. This programme selection is highly energy-efficient and very gentle on the laundry. Use this programme when you have plenty of time. MAN ECO+ now lights up.



Here both the fan and the element are active but have a limited temperature inside the cabinet. Use this programme when you need to have your sensitive fabrics dry in a shorter time. AUTO LOW now lights up.



Here both the fan and the element are active. The temperature restriction is significantly higher than in MAN LOW. MAN HIGH now lights up.



Reduces/Increases the manual drying time.

OPERATION

START-UP OF THE DRYING CABINET WITH AUTOMATIC TIME CONTROL



The cabinet is started by pressing **ON/OFF**.

The cabinet is activated by default with the previous programme selection active. If no programme has been selected previously or if the cabinet has been without power or is completely new, the cabinet is started in **AUTO HIGH** by default.

AUTO HIGH lights up and **Start/Stop** flashes.



If this is OK, start the cabinet by pressing **Start/Stop**.

The LED at **Start/Stop** stops flashing and is lit with a steady glow.

The estimated drying time is shown on the display, where the time is counted down. After the time has ended, the process stops automatically.

Selection of other automatic programme



Select automatic programme by pressing the **AUTO button**.

Step through to the desired programme by pressing **AUTO** one or more times.



An extra function **EXTRA DRY** can be chosen in the **AUTO LOW** programme.



An extra function, **EXTRA DRY** or **ECO**, can be chosen in the **AUTO HIGH** programme.



Press **Start/Stop**. The LED is lit with a steady glow and shows that the process is under way.

STARTING THE DRYING CABINET WITH MANUAL TIME CONTROL



The cabinet is started by pressing **ON/OFF**.

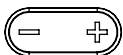
The cabinet is activated with the previous programme selection active. If no programme has been selected previously or if the cabinet has been without power or is completely new, the cabinet is started in AUTO HIGH by default, i.e. an automatic programme.

Selection of manual programme



Select manual programme by pressing the **MAN button**.

Step through to the desired programme by pressing **MAN** one or more times.



The display shows a standard drying time which can be reduced or increased with the button.



Press **Start/Stop**. The LED is lit with a steady glow and shows that the process is under way.

The selected drying time is shown on the display, where the time is counted down. After the time has ended, the process stops automatically.

OPERATION

DOOR

Avoid opening the door while the drying process is under way as this prolongs the programme time. When the door is opened, the display shows **-P-**. You have 5 minutes in which to close the door before the cabinet turns the programme off completely and the cabinet has to be restarted.

ADJUSTMENT OF PARAMETERS AND CALIBRATION OF SENSORS

There are ways of optimising the automatic programmes of the drying cabinet for best possible results.

Adjustments must be made if it is found that:

- ☐ The laundry is not dried sufficiently.
- ☐ The laundry is over-dried – long drying time.

The sensors need to be re-calibrated for ECO+ to work optimally.

Calibrating sensors

Note: *It is important that the cabinet is at room temperature when calibrating.*

To calibrate sensors, turn off the cabinet without any load hung up inside, go to the parameter list, choose parameter P400 and set it to the value 1. A calibration cycle will then start that takes around 5 minutes. When the sensors have been calibrated, the cabinet will re-start automatically.

Parameters to adjust

If the laundry is felt not to be dry, **increase** the parameter value for the programme-specific parameter

If the laundry is felt to be over-dried, long drying time, **reduce** the parameter value for the programme-specific parameter.

See the table for the parameter of the programme concerned to be adjusted.

PROGRAMME	Parameter
ECO+	2165
LOW	2233
LOW EXTRA DRY	2243
HIGH	2203
HIGH EXTRA DRY	2213
HIGH ECO	2273

Access to parameters

- 1 Turn off the cabinet by pressing **ON/OFF**.
- 2 Hold down **Start/Stop** and then press **ON/OFF** again. Select parameter by stepping up or down using – and +.

Adjusting parameters

- 1 When the desired parameter has been selected, press **Start/Stop** to go to the parameter concerned.
- 2 Adjust the parameter value by stepping down or up using – and +.
- 3 Press **Start/Stop** to exit parameter adjustment.

Leaving the parameter list

- 1 When you have adjusted the parameters you want, press **MAN** and **Start/Stop**.
- 2 If you want to reset the parameters to the factory setting, press **AUTO** and **Start/Stop**.

BREAKDOWNS

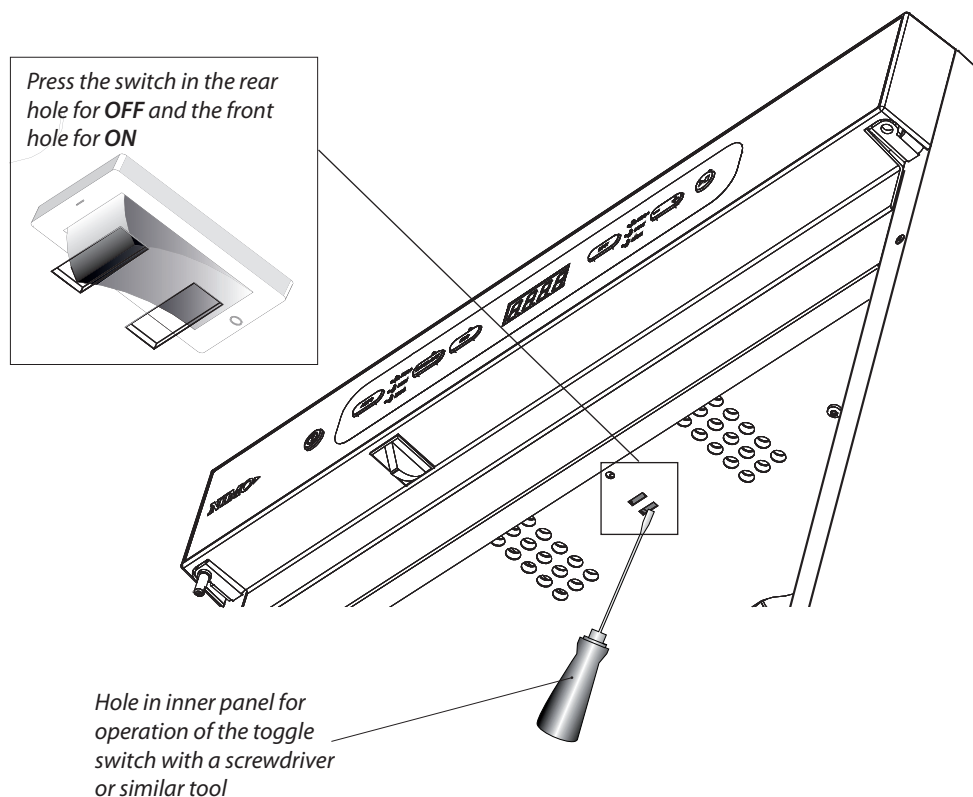
OVERHEAT CUT-OUT

The cabinet is equipped with an overheat cut-out. This trips when the temperature in the fan unit exceeds 120 °C.

When the overheat cut-out has tripped, the display and LEDs flash. The user can now reset the overheat cut-out by **turning off the power supply with the switch inside the roof of the cabinet.**

See illustration.

The user has to wait for 10 to 15 minutes before the temperature has fallen and the overheat cut-out recloses. The power supply to the cabinet can then be turned back on using the same switch.



CLEANING

Note: Do not use high-pressure cleaning.

- ❑ Clean the walls of the cabinet with a mild soap solution on a damp cloth.
- ❑ Dust tends to collect around the air intake on the top of the cabinet. This can cause disturbance, in turn leading to breakdowns in

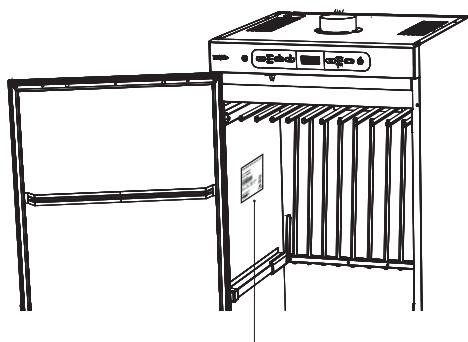
operation.

To avoid these problems, the air intake and the roof of the cabinet should be vacuumed at least once a year, or more often depending on the environment the cabinet is located in.

SERVICING

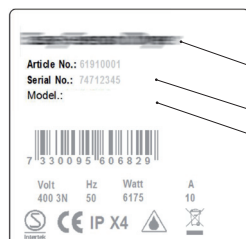
Before contacting Service, you should find out the name, article number and serial number of the drying cabinet.

This information can be found on the identification plate located inside the cabinet.



Identification plate (inside)

Illustration shows the Sensor Dryer drying cabinet



Name of the drying cabinet

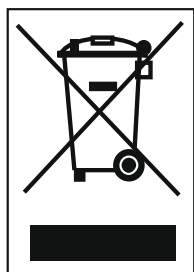
Article number

Serial number (12 digits)

Follow the manufacturers instructions in repair and replacement of parts.

MANAGEMENT OF END-OF-LIFE DRYING CABINET

When the drying cabinet has reached the end of its useful life, it must be taken to a recycling centre for disposal. Many parts of the drying cabinet can be re-used, but it also contains other material that must be disposed of correctly. You should therefore never leave the drying cabinet or parts of the cabinet for collection with household waste, as this may pose risks to health and cause damage to the environment.



The end-of-life drying cabinet should instead be taken to a recycling centre. Check with your dealer if necessary.

All the plastic parts of the drying cabinet are marked with internationally standardised symbols. The parts of the drying cabinet can therefore be recycled in an environmentally sound manner by waste separation.

Capacity:	Up to 6.0 kg laundry (cotton)
Dewatering capacity:	Up to 25 g/min
Electrical connection:	Single-phase 230 V, 50-60 Hz Fuse 10 A
Motor:	38 W
Heating element output:	2,000 W
Overheat cut-out:	Yes
Fan capacity:	184 m ³ /hour
Hanging length:	16 metres, depending on choice of interior fittings
Dimensions:	Height: 1900 mm Width 595 mm Depth 610 mm
Weight:	60 kg
Sound level:	max 55 dB(A)
Evacuated quantity of air:	95 m ³ moist air per hour

ENERGY CONSUMPTION AND DRYING TIMES IN DRYING OF 4 KG OF SPUN LAUNDRY *)

Programme	Energy consumption per kg dry laundry [kWh/kg]	Drying time *) [min]	Temp. max [°C]
AUTO ECO+	0.10	600	Room temp.
AUTO LOW	0.79	180	45
AUTO LOW EXTRA DRY	1.06	240	45
AUTO HIGH	0.64	85	70
AUTO HIGH EXTRA DRY	1.20	160	70
AUTO HIGH ECO	0.57	260	70

*) Values may vary depending on:

- spin speed
- temperature, air humidity in the room
- air circulation in the room (supply air, exhaust air)

MANUFACTURING STANDARDS

See cabinet identification plate

WIRING DIAGRAM

Wiring diagram can be ordered from the manufacturer.

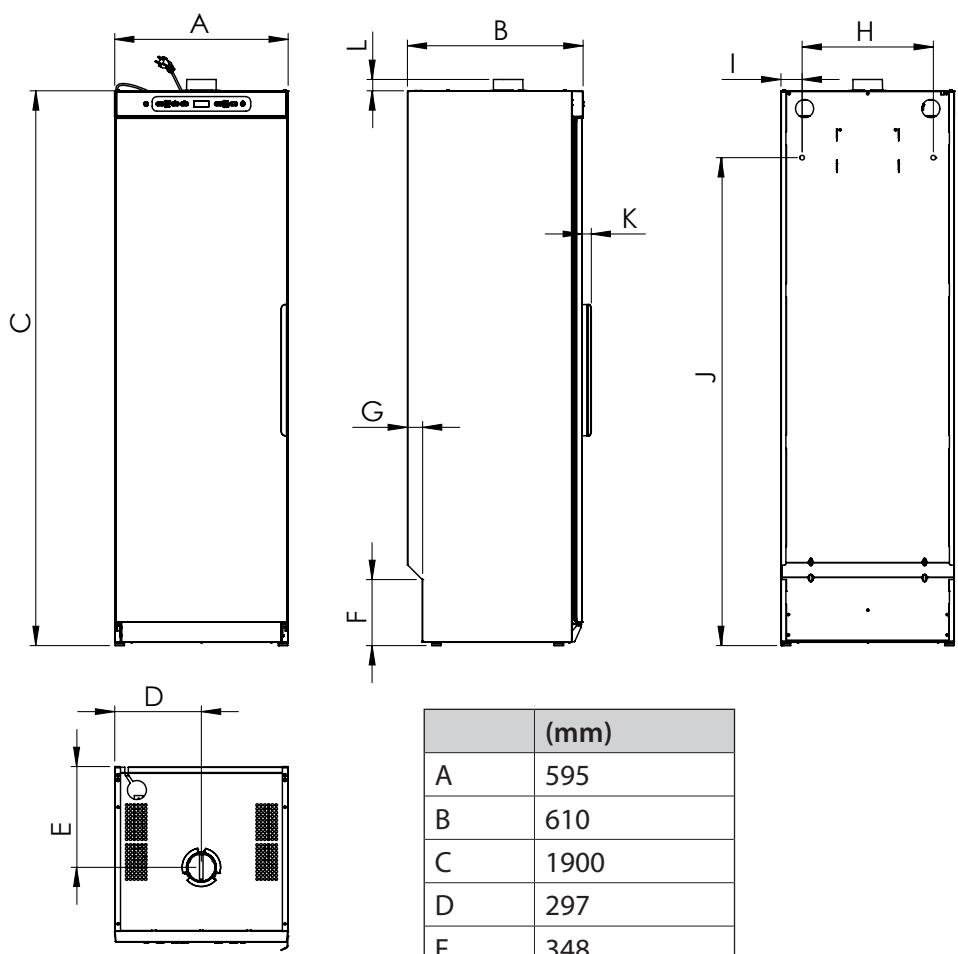
TROUBLESHOOTING

Questions	What you can do
The drying cabinet is not working.	<ol style="list-style-type: none">1. Check that the mains lead is connected to a power socket and that power is supplied.2. Check that no fuse has blown3. Have you pressed the start button?4. Is the door closed?5. Check the toggle switch in the ceiling. See page 25.
The display shows an alarm/error code (Er1, Er2, Er3)	<p>If an alarm or error code appears, first try to reset the alarm by holding the Start/Stop button down for 5 seconds.</p> <p>See the section headed <i>"List of error codes for Sensor Dryer"</i></p> <p>If the problem persists, a service technician must be called in.</p>
Drying takes a long time.	<ol style="list-style-type: none">1. Make sure that the correct programme has been selected for the type of washing.2. Make sure that the washing is not soaking wet (poorly spun).3. Check that too much laundry has not been hung.4. See the section headed <i>"Adjustment of parameters and calibration of sensors"</i>
The washing does not become dry.	<ol style="list-style-type: none">1. Make sure that the correct programme has been selected for the type of washing.2. Check that too much laundry has not been hung.3. See the section headed <i>"Adjustment of parameters and calibration of sensors"</i>
The sealing strip does not close tightly/the door is ajar	<p>Check that the cabinet is level and attached to a wall. Check with a spirit level, adjust if necessary with the adjusting feet.</p>

LIST OF ERROR CODES

Error code	Cause
Er 1	<p>Error 1</p> <p>Regulator sensor. Error in the sensor at the element. The error is either a discontinuity or short-circuit in the sensor.</p> <p>Reset by disconnecting the power supply.</p>
Er 2	<p>Error 2</p> <p>Outlet sensor. Error in the sensor in the outlet duct. This error is the same as Error 1.</p> <p>Reset by disconnecting the power supply.</p>
Er 3	<p>Error 3</p> <p>The Max time for the drying programme interrupts the drying process.</p> <p>Cause: The electronics has not received a signal from the outlet sensor that the laundry is dry.</p> <p>To reset the alarm, hold down the Start/Stop button for 5 sec.</p>

DIMENSIONAL DRAWING



	(mm)
A	595
B	610
C	1900
D	297
E	348
F	227
G	52
H	450
I	73
J	1674
K	31
L	39

