

PEKO

Drying Cabinet

Installation and Operating Manual



**Model:-
ETS-1100**

CONTENTS

- ABOUT THE OPERATING MANUAL Page 2
- IMPORTANT SAFETY INSTRUCTIONS Page 3
- INSTALLATION INSTRUCTIONS Page 4
- OPERATING INSTRUCTIONS Page 6
- MAINTENANCE INSTRUCTIONS Page 7
- TECHNICAL DATA Page 7

ABOUT THE OPERATING MANUAL

This manual describes the cabinets functions and operation and includes instructions for installation and maintenance.

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Revision 05/11. Amendments to manual

PEKO Equipment Limited reserve the right to make improvements and/or changes to the cabinet and to the contents of this manual:

DATA PLATE DETAILS



Located inside the cabinet on the rear panel.

Your Reference

Date of purchase:

Serial number:

IMPORTANT SAFETY INSTRUCTIONS

IMPORTANT

These instructions and warnings have been provided to help you avoid misuse and unnecessary risks and should be read before the cabinet is installed and used.

NOTE: Keep this manual in a safe place so that it is always available for future use.

WARNING

To reduce the risk of fire, electric shock, or injury to the person when using the appliance, follow basic precautions including the following:

- Read all the instructions before using the appliance.
 - Do not dry articles that have been previously cleaned in, washed, soaked or splashed with petrol or other flammable or explosive substances as they give off vapours that could ignite or explode.
 - Do not allow children to play on or in the appliance. Close supervision of children is required whilst the cabinet is in operation.
 - Do not install or store this appliance where it will be exposed to the weather.
 - Do not tamper with the controls.
 - Do not repair or replace any part of the cabinet or attempt any servicing unless specifically referred to in this manual.
 - Do not use fabric softeners or products designed to eliminate static unless recommended by the manufacturer.
 - Do not use heat to dry articles containing foam rubber or similar textured rubberised materials.
 - Keep area around the exhaust opening and adjacent areas free from the accumulation of dust, lint and fluff.
- Check the exhaust ducting terminal grille for any blockages or build-up of lint, and clean regularly.
 - The interior of the appliance and the exhaust duct should be cleaned periodically by a competent person.
 - The manufacturer accepts no liability for repairs carried out:-
 - a)..... by unauthorised personnel.
 - b).....use of non-standard parts.

WARNING LABELS



Affixed to inside door panel



Underside of heater console

INSTALLATION INSTRUCTIONS

UNPACKING

Remove all packaging material. Do not use sharp implements which could damage the cabinet.

Check that the goods have not been damaged in transit. Any damage should be reported to your dealer within 3 days.

After unpacking, check that the cabinet is in good condition. Any damage or shortages should be immediately reported to the carrier.

Check that all restraining tape and protective polystyrene buffers are removed from inside the cabinet.

Checklist of items supplied with the cabinet

- Approx. 1m length of flexible duct hose.
- Spigot adaptor for connecting to cabinet.
- Round blanking plate.
- 4 x White plastic rivets.
- Ventilation adaptor to connect with existing mechanical extraction fan .
- Screws, plugs, washers and spacers to fix cabinet to the wall.
- 4 white plastic caps/screw head covers.
- Operating manual.
- Pull handle with 3 fixing screws.

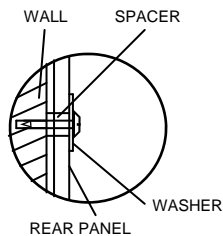
INSTALLATION

The dryer is only designed for operation indoors in a dry environment at a temperature above freezing point.

NOTE: The appliance should not be located in a position such that any doorways or safety exits are impeded with the cabinet door open.

NOTE: The cabinet should be located on, or as near as possible, to an outside wall with a minimum clearance above the unit of 40mm.

The cabinet must be screwed to the wall using the 4 pre-drilled holes positioned in the rear panel. The packing box can be used as a template or, with assistance, the wall can be marked directly through the holes with the cabinet in position. The fixing kit supplied is suitable for most solid walls. However different types of wall construction may require an alternative fixing system suitable for the total loading of the cabinet.



Drill 4 no. 8mm holes through the rear panel into the wall. Insert the wall plugs, and with the spacers and washers supplied, screw the cabinet back to the wall as shown in the diagram opposite.

WARNING

The cabinet should not be used without being fixed to the wall.

EXHAUST CONNECTION

The exhaust ducting should not be connected into an existing chimney, boiler flue or tumble dryer system.

The ducting can be connected to either the left or right hand side of the cabinet. Decide which side is appropriate for the installation. Fix the spigot to the outlet side panel and the round blanking plate to the opposite side panel using the white plastic rivets. Attach the flexible ducting hose to the spigot. Ventilation of the ducting hose can be achieved by either of two methods as follows.

1. CONNECTION TO AN EXISTING SYSTEM

This method is only suitable for buildings that have an existing ventilation system, or where the room has a dedicated extraction fan with a capacity of 45 m³ / hour. In both cases the ducting must terminate on an outside wall.

Fit the white plastic ventilation adaptor over the existing wall or ceiling mounted grille (fixing screws for this 'tripod' type fitting are not supplied), and then connect to the cabinet using the flexible hose.

Note: The exhaust ducting fittings supplied are a standard 100mm diameter, and any additional hose or fittings required are available from most builders merchants and hardware stores.

INSTALLATION INSTRUCTIONS (cont.)

2. DIRECT CONNECTION TO OUTSIDE WALL

Fit the spigot using 2 rivets supplied. Core cut a 100mm. diameter hole in the outside wall, or alternatively cut a hole in a fixed pane of window glass (a window fitting kit is available from your dealer). Fit an appropriate terminal grille with a fixed open louvre, preferably one with an integral insect mesh screen.

Note:

- Standard tumble dryer back draught shutters are not suitable for drying cabinets.
- Rigid metal and plastic pipe can also be used for the exhaust ducting.
- Ensure that the ducting and terminal grille are cleaned on an annual basis.
- The maximum effective length of ducting to outside atmosphere is 3m. For complex systems or longer lengths of ducting, an in-line fan may be required.

WARNING

Air intake above the top of the unit must be kept clear at all times.

Note: The cabinet evacuates 45 m³ of moist air per hour. Provision for replacement air is advisable.

ELECTRICAL CONNECTIONS

All electrical work should be carried out only by a suitably qualified and competent person, in strict accordance with national and local safety regulations.

If the plug supplied is not suitable for the socket outlet, or if the appliance is to be connected to fixed wiring, it should be cut from the supply cord and disposed of immediately. If the severed plug is introduced into a live socket outlet there is a risk of electric shock.

The plug (and socket outlet) should be in an accessible position for ease of removal.

An alternative connection arrangement could be a high level fused outlet plate with a separate switch at worktop height.

WARNING: This appliance must be earthed. If in any doubt consult a competent person.

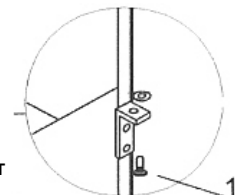
REVERSING THE DOOR HINGE SIDE

The procedure is complex and requires the inside door panels, seals and hanging rails to be removed. The door is then turned upside-down to ensure that the handle is on the correct side before refitting the internal components.

This task should be carried out with assistance.

- Choose a level floor, use the packaging as a protective base, then lay the cabinet on it's back with the door uppermost.
- Remove the two sets of 3 looped hanging rails and the two brackets on the inside door panel.
- Remove the top hinge pin and lift off the door. Re-fix the bracket to the opposite side.
- Remove the hexagonal hinge pin (1) from the bottom hinge bracket and fit to opposite side.
- Remove top and bottom door sealing gaskets by removing all screws securing the two inner door panels.
- Turn the door through 180°, reverse the larger of the two inside panels, and re-fit all gaskets. Ensure that the magnetic seal is fitted to the closing side of the door.
- Re-fit hanging rails to the upper and middle positions.
- Locate door onto the lower hinge pin and re-fit the top hinge screw.

BOTTOM HINGE BRACKET



OPERATING INSTRUCTIONS

DRYING

WARNING

To reduce the risk of fire, electric shock, or injury to the person, read the **IMPORTANT SAFETY INSTRUCTIONS** before operating this appliance.

Model ETS-1100

The cabinet contains two sets of hanging rails fixed to the inside of the door amounting to an effective hanging length of 5.4m.

Loading the cabinet

It is recommended that longer items of laundry are located to the innermost rails with shorter items towards the front. This method of loading will assist the drying process by allowing the efficient flow of warm air through the cabinet.

Drying hints

Getting the best results from the cabinet will come with the experience of using it on a day-to-day basis. The following tips will help to minimise the time spent finishing the laundry.

- Utilise the high spin facility of the washing machine.
- For woollen garments or materials that cannot be spun dried in a machine, allow to drip dry first. Lay flat on a towel placed over the hanging rails.
- Stretch towels and fold them lengthways.
- Stretch trousers along the seams and bindings and hang on a 'stretcher' type hanger.
- Jeans and denim garments should be stretched as much as possible before placing over the hanging rails.
- Shirts and blouses are dried more effectively on clothes hangers. Firstly smooth out the collars and cuffs and stretch the seams along the sleeves and button holes to minimise ironing.
- Small items of clothing or footwear can be placed at the base of the unit.

CONTROLS

The cabinet is designed with two control facilities to suit different drying applications.

The two left hand switch options control the heat settings. With both switches in the **Off** position the fan will circulate air at ambient temperature. Switch 1 in the **On** position only gives a low heat effect. Switch 2 in the **On** position only gives a medium heating effect. With both switches in the **On** position the maximum heating effect of 1.5kW is achieved.

The right hand knob controls the timer which allows drying times up to a maximum of 6 hours.

TEMPERATURE CONTROL

TIMER CONTROL



TROUBLESHOOTING

If the cabinet fails to heat with either of the left hand switches in the **On** position and the fan motor running, it is possible that the high limit safety thermostat has been activated. This may have been caused by overloading the cabinet or blocking the air intake on top of the cabinet. It is possible to reset the thermostat automatically by switching all control switches to the **Off** position and waiting for approximately 30 minutes. To restart the cabinet switch one of the heater controls to the **On** position then turn on the timer control. If the cabinet fails to provide heat, contact your supplier or local agent for further instructions.

MAINTENANCE INSTRUCTIONS

CLEANING

*High pressure water jet cleaning should not used on this cabinet.
The use of bleach, caustic solutions and abrasive materials is not recommended.*

The cabinet should be cleaned (inside and out) using a mild detergent with a damp cloth. Dust will collect on top of the cabinet, especially around the air intake. This may cause problems leading to machine failure and is also a fire risk. To avoid these problems the top of the cabinet should be vacuum cleaned at least once a year or more frequently depending on the location of the unit and it's application.

REPLACING THE POWER CORD

If the power supply cable is damaged in any way, it must be replaced. Replacements are available from your main supplier or dealer.

NOTE: *Replacement power cords should only be fitted by a qualified electrician.*

NOTE: Should the plug need to be replaced for any reason, the wires in the mains lead are coloured in accordance with the following code:

Green and Yellow: Earth
Blue: Neutral
Brown: Live

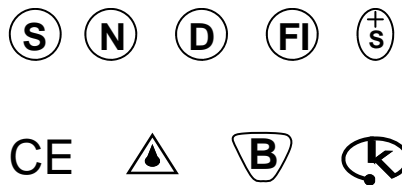
The wire coloured green and yellow must be connected to the terminal marked with the letter 'E' or by the earth symbol =, or coloured green and yellow. The wire coloured blue must be connected to the terminal 'N' or coloured black. The wire coloured brown must be connected to the terminal marked 'L' or coloured red. If the fuse incorporated in the plug needs to be changed then it should be replaced with a fuse approved by ASTA to BS1362, rated at 10 A.

TECHNICAL DATA

Capacity: 1.3(approx. wet weight) general laundry textiles.
Evaporation rate: 17 g/min.
Electrical supply: 220-240V a.c. 50-60Hz.
Motor: 35W.
Heating element: 1500W.
Overheat cut-out: Yes.
Timer: 0 - 6 Hours.
Dimensions: Height. 1140mm.
Width. 595mm.
Depth*. 336mm.
Weight: 25kg.
Colour: White.

MANUFACTURING APPROVALS

Protection class IP 24



* Overall depth including pull handle: 347mm.

PERFORMANCE SPECIFICATION AND ENERGY CONSUMPTION

(Based on general household laundry processed in a washing machine with high spin extraction)

SETTING	POWER CONSUMPTION	DRYING TIME	TEMPERATURE
1	1.5 kW /kg laundry	Approx. 3 hours	50 - 60 deg. C
2	1.6 kW /kg laundry	Approx. 1.75hours	70 - 75 deg. C
1 + 2	1.7 kW /kg laundry	Approx. 1.25hours	80 - 85 deg. C

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