

CONDENSER TUMBLE DRYER



## USER MANUAL

HD80-01-U/HD80-01ME-U



# Haier

**BEFORE USE**

Components .....	3
Preparation .....	4
Safety instructions .....	5
Installation .....	6
Control panel .....	7

**USING THE DEVICE**

Program selection .....	9
Consumption & technical data .....	10
Drying methods .....	11

**MAINTENANCE**

Cleaning & care .....	15
Display codes & troubleshooting .....	17
Electric circuit diagram .....	18

**COMPONENTS****THANKS FOR PURCHASING A HAIER PRODUCT**

**Please read** these instructions carefully before using this device. The instructions contain important information which will help you get the best out of the device and ensure safe and proper installation, use and maintenance.

**Keep this manual** in a convenient place so you can always refer to it for the safe and proper use of the device.

If you sell the device, give it away, or leave it behind when you move house, make sure you also pass on this manual so that the new owner can become familiar with the device and safety warnings.

**LEGEND**

**Yes**

**No**

**Optional**



**For your safety, any instructions in this manual with this "warning" sign must be followed strictly.**

**DISPOSAL**

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposals at least free of charge.

**ACCESSORIES**

Check the accessories and literature in accordance with this list:

1x User manual



1x Drainpipe



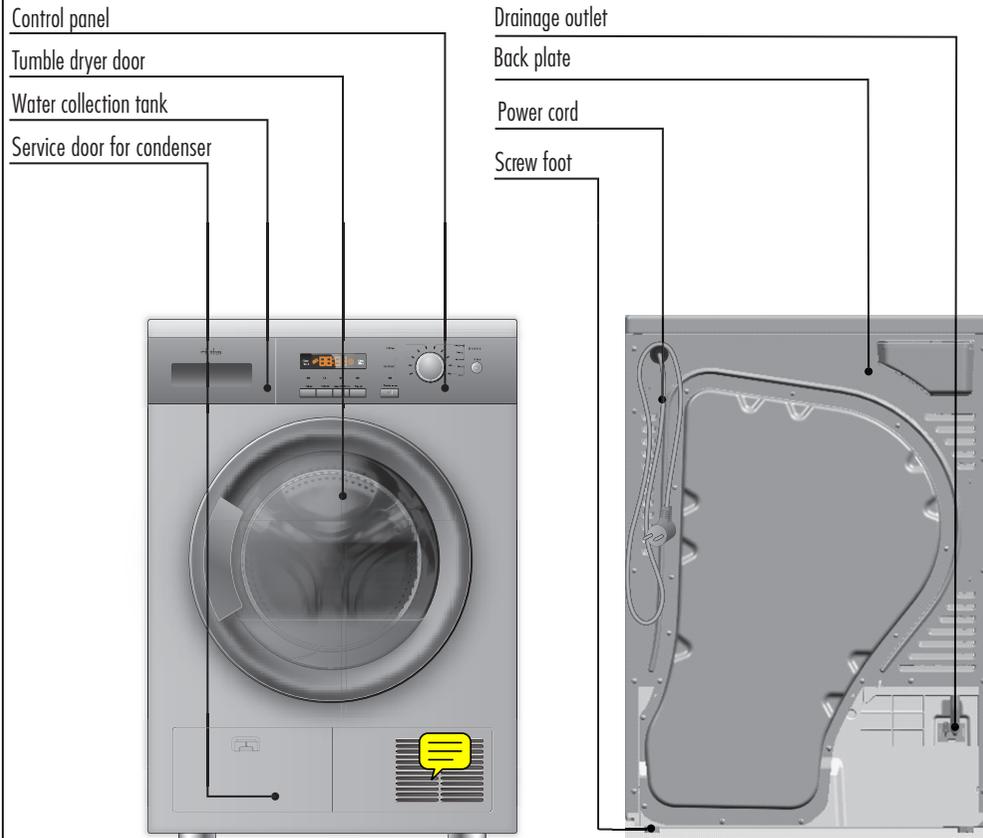
## PREPARATION

## PREPARING THE TUMBLE DRYER

Remove all the packing materials to prevent unsteadiness, including the polystyrene base.



## DESCRIPTION



This diagram may be slightly different from the layout of the tumble dryer you have just purchased due to technical improvements.



## SAFETY INSTRUCTIONS

## BEFORE SWITCHING THE DEVICE ON FOR THE FIRST TIME

## DO ...

- ... ensure that the device is installed and electrically grounded by a qualified service person in accordance to local codes to prevent shock hazard and assure stability during operation.
- ... install this tumble dryer properly in accordance with the installation instructions before use.
- ... keep surrounding areas free from accumulation of lint, dust and dirt.
- ... use a separate earthed socket for the power supply.
- ... ensure that the electrical system meets the requirements laid out in the installation part of this manual.
- ... avoid fire hazard or electrical shock.

## DO NOT ...

- ... install or store this device outdoors in a damp place, or in an area which may be prone to water leaks such as under or near a sink unit. In the event of a water leak allow the device to dry naturally.
- ... operate the tumble dryer if any parts are missing or broken.
- ... store or use gasoline or other flammable vapours and liquids in the vicinity to the device.
- ... use an adaptor plug or extension cord.
- ... connect the device to the power supply until installation is complete.
- ... repair or replace any part of the appliance or attempt any servicing unless specifically recommended in the user-maintenance instructions or in published user-repair instructions that you understand and have skills to carry out.

## DURING DAILY USE OF THE DEVICE

## DO ...

- ... wait until the tumble dryer has stopped completely before reaching into the drum to prevent injury. Never reach into the tumble dryer when the drum is moving.
- ... clean lint screen before or after each load.
- ... remove the tumble dryer door to prevent accidental entrapment before the device is removed from service.
- ... unplug the device before carrying out any maintenance or repair. Hold the plug and not the electric cable when unplugging the power supply.
- ... wash items that have been soiled with substances such as cooking oil, acetone, alcohol, petrol, kerosene, spot removers, turpentine, waxes and wax removers in hot water with an extra amount of detergent before being dried in the tumble dryer.
- ... ensure that the device is not used by persons with reduced physical, sensory or mental capabilities, lack of experience and knowledge without supervision or instruction by a person responsible for their safety.
- ... supervise children to ensure that they do not play with the device.

## DO NOT ...

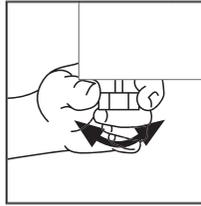
- ... sit on top of the tumble dryer.
- ... tamper with controls.
- ... dry unwashed items in the tumble dryer.
- ... dry items such as foam rubber (latex foam), shower caps, waterproof textiles, rubber backed articles and clothes or pillows filled with foam rubbers pads.
- ... dry items that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, cleaning solvents, kerosene, waxes, etc. Do not store these items spotted with gasoline, cleaning solvents, kerosene, waxes, etc. on or near the tumble dryer. These substances give off vapours that could ignite or explode.
- ... use heat to dry items containing plastic, foam, rubber or similarly textured rubber-like materials or items containing feathers or down to prevent fire.
- ... stop a tumble dryer before the end of the drying cycle unless all items are quickly removed and spread out so that the heat is dissipated.

## INSTALLATION

## BASIC INSTRUCTIONS

To ensure the tumble dryer operates normally, attention must be paid to the following instructions:

- The tumble dryer must be level when installed. It's bottom is equipped with adjustable feet. Adjust these 4 feet to level the device before operation.
- Check whether any damage occurred to the tumble dryer during transportation. A damaged tumble dryer must not be used. If the device is damaged, contact your supplier.
- The tumble dryer must be kept away from flammable substances.
- The surrounding environment must be dry and ventilated.
- To allow the tumble dryer to perform better, the ambient temperature shall not be lower than 10 °C nor higher than 35 °C.

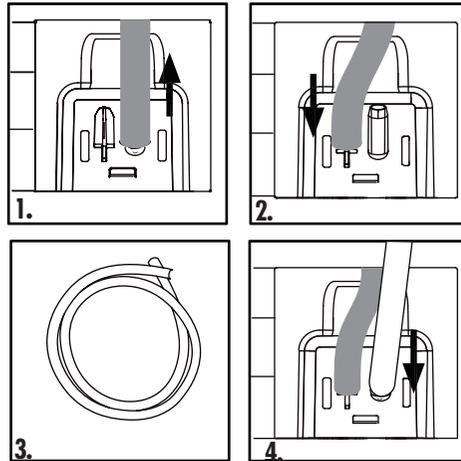


## DRAIN SWITCHOVER

During the drying of the laundry, the condensate water is automatically collected in the water collection tank inside the tumble dryer, so that the water needs to be removed from the tank after every drying cycle. If your tumble dryer is in the vicinity of a drain, you may allow the condensed water to discharge directly into the drain through the drainpipe provided to avoid emptying the tank every time.

The method to connect the drainpipe is as follows:

1. Draw the drainpipe from the joint.
2. Insert the drainpipe on the fixture.
3. Take out the accessory drainpipe.
4. Fix the drainpipe at the place of the joint.

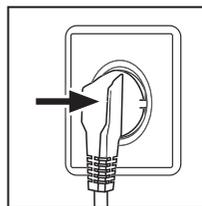


**Note: The outlet of the drainpipe must not be higher than 1.0 m above the floor**

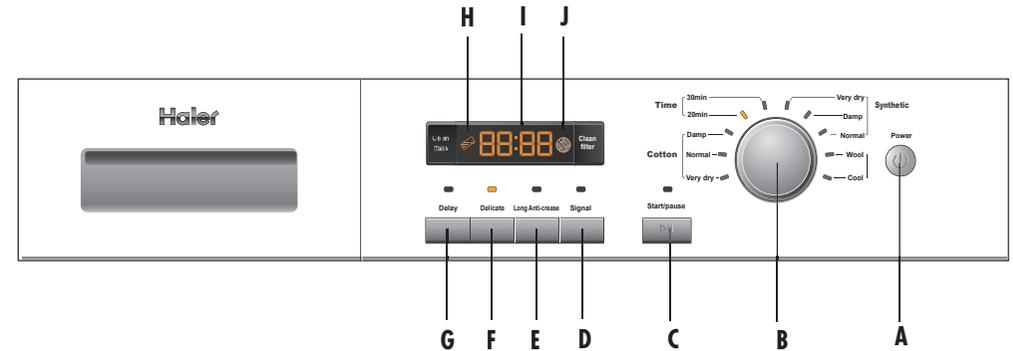
## CONNECTING TO THE POWER SUPPLY

Before connecting to the power supply, check:

- The socket is adequate for the maximum power of the tumble dryer (For safety, fuses in the power circuit should be rated for no less than 15A).
- The voltage should meet the requirement.
- The power outlet should be capable of accepting the tumble dryer plug.
- Connect the device to an earthed socket outlet.



## CONTROL PANEL



- A** Power button
- B** Program knob
- C** Start/Pause button
- D** Signal button

- E** Anti-crease button
- F** Delicate button
- G** Delay button
- H** Maintenance displays

- I** Display
- J** Maintenance displays

## OPERATIONAL FUNCTIONS

- |          |                      |  |
|----------|----------------------|--|
| <b>A</b> | → Power button       | – Press this button to turn the tumble dryer on and off.   |
| <b>B</b> | → Program knob       | – Turn this knob to choose the desired drying program. This type of tumble dryer has 10 program options. For description of specific programs, refer to "program modes" on page 9. When the drying program is selected, the relevant indicator light is on.        |
| <b>C</b> | → Start/Pause button | – Press this button to start the tumble dryer. Press this button again during the operation of the tumble dryer, the indicator light and display screen will start flashing and the tumble dryer will pause. Press the button again and the program will continue. |
| <b>D</b> | → Signal button      | – When the drying cycle is finished, an intermitted acoustic signal will sound. Touch this button to cancel the buzzer sound.  |
| <b>E</b> | → Anti-crease button | – If this additional function is selected, the anti-crease phase at the end of the drying cycle is lengthened by 60 minutes. The laundry can be removed at any time during the anti-crease phase.  |
| <b>F</b> | → Delicate button    | – During a program, the drying temperature and power will decrease and the drying time will increase to take better care of the delicate laundry.  |

## OPERATIONAL FUNCTIONS

**G** → Delay button – Press this button repeatedly before starting the program to enter the time you want the device to be finished in. You can delay it 1 to 19 hours in 1 hour intervals. When passing 19 hours, the delay time will turn off. After the delay is set, press the "start/pause" button to start countdown (the indicator light will flash).

**H** → Maintenance displays – Clean tank

**Important: After each drying cycle, drain the condensed water tank (see section "cleaning & care" on page 15).**

**I** → Display – The display shows the remaining program time, the delay time and other related information.  
**Note: The remaining time to start a program is the default time for the program. During operation, with variation of factors such as the moisture content. The actual remaining time will be automatically adjusted until the preset drying result has been achieved and the program is complete.**

**J** → Maintenance displays – Clean filter

**Important: After each drying cycle, clean the filter (see section "cleaning & care" on page 15).**

**E+F** → Combined buttons for child lock function – By pressing the "anti-crease" and "delicate" buttons for 3 seconds after having started a program, the button lock is activated. The display shows the remaining program time and the lock alternatively. In order to cancel the button lock, press the two buttons again for 3 seconds.  
**Caution: When the program ends or the power supply is interrupted during a program, the child lock function will release.**

## PROGRAM MODES

	PROGRAM	DRYING DEGREE	RECOMMENDED LAUNDRY	MAX. LOAD
Cotton / Linen	<b>1</b> → Very dry	Extra dry	Heavy cotton fabrics, sheets, gowns	8 kg
	<b>2</b> → Normal <sup>*)</sup>	Ready to wear	Cotton fabrics, sheets, coats	8 kg
	<b>3</b> → Damp	Damp	Ordinary cotton fabrics	8 kg
Synthetics	<b>4</b> → Very dry	Extra dry	Heavy synthetic fabrics	4 kg
	<b>5</b> → Normal	Ready to wear	Ordinary synthetic fabrics	4 kg
	<b>6</b> → Damp	Ready to iron	Ordinary synthetic fabrics	4 kg
Timer	<b>7</b> → 30 min.	Timer 30 min.	Heavy fabrics, needing further drying	8 kg
	<b>8</b> → 20 min.	Timer 20 min.	Heavy fabrics, needing further drying	8 kg
Special	<b>9</b> → Wool <sup>**)</sup>	Ready to wear	Special programme for briefly treating woollens with warm air	1 kg
	<b>10</b> → Cool	Refreshing/airing	/	8 kg

<sup>\*)</sup> EN 61121 test program setting.

<sup>\*\*)</sup> Special programme for briefly treating woollens with warm air after they have been dried naturally, worn or stored for long periods. Wool fibres stand up and the wool becomes soft and cosy.

**Recommendation:** Remove fabrics immediately after drying.

## CONSUMPTION TABLE

The drying cycle times are intended as a guide only. The actual time used may vary due to different local circumstances.

	PROGRAM	LOAD	ENERGY CONSUMPTION	DRYING TIME
Cotton / Linen	1 → Very dry	8 kg	4.79 kWh	150 min
	2 → Normal <sup>*)</sup>	8 kg	4.49 kWh	140 min
	3 → Damp	8 kg	3.45 kWh	130 min
Synthetics	4 → Very dry	4 kg	1.98 kWh	130 min
	5 → Normal	4 kg	1.68 kWh	120 min
	6 → Damp	4 kg	1.15 kWh	110 min
Timer	7 → 30 min.	8 kg	0.90 kWh	30 min
	8 → 20 min.	8 kg	0.60 kWh	20 min
Special	9 → Wool	1 kg	0.65 kWh	25 min
	10 → cool	8 kg	0.10 kWh	30 min

<sup>\*)</sup> EN 61121 test program setting.

## TECHNICAL DATA

	HD80-01-U/HD80-01ME-U
Power source	220 - 240 V / 50 Hz
Max. working current (A)	12
Nominal load (kg)	8
Drying programs	10
Max. power (W)	2700
Dry heating power (W)	2500
Dimensions (HxDxW mm)	850x620x595
Net weight (kg)	42
Waterproof level	IPX4

## PLEASE NOTE

**This tumble dryer is for domestic use only. Do not use it for purposes other than that for which it was designed. Follow the instructions given on the label of each garment and dry only machine-dryable garments.**

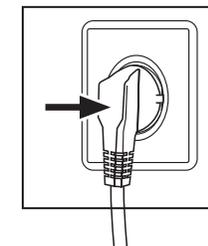


## PREPARATION

- Before use, clean any deposits from inside the drum of the tumble dryer with wet cloth.
- Clean debris on the filter screen to increase the drying efficiency.

## POWER SUPPLY

Connect the tumble dryer to the power supply (220V to 240V~/50Hz).



## BEFORE TURNING ON POWER

Before turning on the power for the tumble dryer, please check.

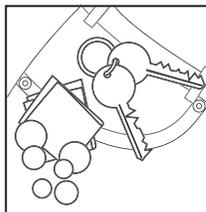
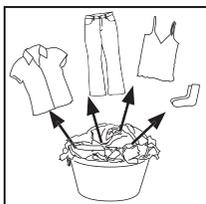
- Whether the supply voltage is in accordance with the value indicated on the nameplate.
- Whether the supply receptacle can withstand the maximum power load to the tumble dryer.
- Whether the supply receptacle is in accordance with the plug of the tumble dryer. If not, replace the power cord or receptacle to make them accord with each other. The replacement of the power cord must be made by a qualified professional or our authorized service agent.

**WARNING**

**Do not dry silk, down and other delicate fabrics to avoid damage to the laundry.**

**PREPARING THE LAUNDRY**

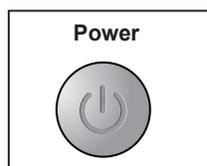
- Check whether the laundry to be dried is suitable to be dried in the tumble dryer.
- The tumble dryer can only dry the laundry that has been spun dry. Do not put too wet laundry into the tumble dryer.
- Empty pockets from keys, coins, etc., remove lighters, matches and harder decorative objects (e.g. brooches) and remove adornment that is not suitable to be dried.
- Close zippers and hooks, make sure the buttons are sewn on tightly and place small items such as socks, belts, bras, etc. in a mesh bag.
- Unfold large pieces of fabric such as bed sheets, bedspreads, etc.

**LOADING THE TUMBLE DYER**

- Laundry should be spun as dry as possible in order to save energy.
- Make sure that the laundry you are going to dry is suitable for drying in a tumble dryer. You will find information about this on the laundry labels.
- Place the laundry evenly into the drum after shaking it loose.
- Make sure not to overload the tumble dryer.
- Fabric softeners or similar products should be used as specified by the fabric softener instructions.

**switch on the power supply**

Press the key, the dryer will be automatically energized.

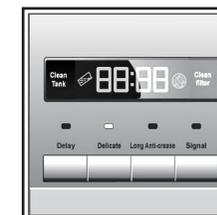
**SELECTING PROGRAM**

To get the best drying results, an appropriate drying program should be selected according to the laundry type. Please turn the program knob to select the right program.

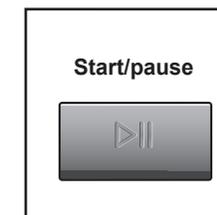
**SELECTING FUNCTIONAL**

According to your requirements, select the additional function:

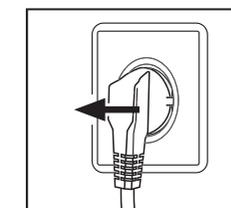
- Start delay
- Delicate
- Anti-crease
- Signal off

**DRYING**

Press the "start/pause" button. The tumble dryer will operate according to the pre-set programs. The tumble dryer will stop operation automatically when a drying cycle ends. The "end" sign will appear on the display. Open the tumble dryer door and take out the laundry. If the laundry is not removed, the tumble dryer will start the anti-crease protection automatically. During the anti-crease protection cycle, the tumble dryer's drum will run at intervals to keep your laundry loose.

**TURNING OFF THE TUMBLE DYER**

Press the power button to cut off the power supply and unplug the tumble dryer at the wall socket.

**TIPS FOR SAVING ENERGY**

1. Spin the laundry as dry as possible in the washing tumble dryer before putting it into the tumble dryer.
2. Avoid overloading the tumble dryer.
3. Shake the laundry and make it loose before loading it into the tumble dryer.
4. Choose a proper drying program. Make sure the laundry is not dried longer than needed.
5. Clean the filter screen after every drying cycle.
6. Clean the condenser once a month.

## CARE CHART

 Resistant material	 Bleachable in cold water	 Don't dry clean
 Delicate fabric	 Do not bleach	 Dry flat
 Washable at 95 °C	 Iron at 200 °C	 Hung to dry
 Washable at 60 °C	 Iron at 150 °C	 Dry on clothes hanger
 Washable at 40 °C	 Iron at 100 °C	 Tumble dry, normal heat
 Washable at 30 °C	 Don't iron	 Tumble dry, reduced heat
 Hand wash	 Dry cleaning with any solvent	 Don't tumble dry
 Dry clean only	 Dry cleaning with pericloride	
 Wool Seal	 Dry cleaning with aviation fuel	

## LOAD REFERENCE

Bed sheet (single)	Cotton	Approximately 800g
Blended fabric clothes	/	Approximately 800g
Jackets	Cotton	Approximately 800g
Jeans	/	Approximately 800g
Overalls	Cotton	Approximately 950g
Ladies pyjamas	/	Approximately 200g
Shirts	/	Approximately 300g
Socks	Blended fabrics	Approximately 50g
T-Shirts	Cotton	Approximately 300g
Underwear	Blended fabrics	Approximately 70g

## CLEANING THE TUMBLE DRYER

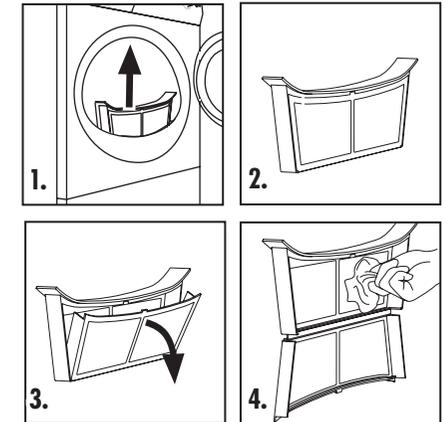
Wipe the body of the tumble dryer and the control panel with a damp cloth. Remember not to use any organic solvent or corrosive agent to avoid damage to the device.

## CLEANING THE FILTER SCREEN

To ensure a good ventilation during drying, the filter screen must be cleaned after every drying program is complete.

1. Open the door.
2. Remove the filter screen from the tumble dryer.
3. Open the filter screen.
4. Clean off the dust on the filter screen with a wet towel.

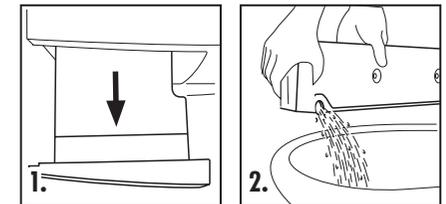
After cleaning, put the filter screen back in place.



## EMPTYING THE WATER COLLECTION TANK

During operation, steam condenses into water and is collected in the water collection tank. Empty the water collection tank after the program is complete.

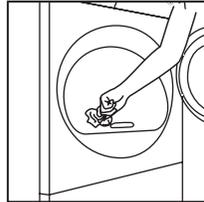
1. Hold the handle and pull the tank outwards to remove it. Keep it level to prevent the water from overflowing.
  2. Pour away the water. Put the tank back in place.
- Note: Do not use the water for drinking or for food processing.**



If the tank has not been emptied, the tumble dryer will sound an alarm every time the tank is full. In that case the indicator light turns on and the tumble dryer will pause. It will not restart until the tank is emptied and replaced.

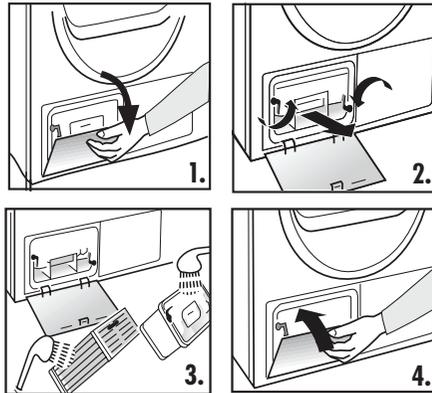
**CLEANING THE DRUM**

After the tumble dryer has operated for a time, fabric caring agents or calcium contained in the water will form an almost invisible layer on the inside of the drum.

**CLEANING THE CONDENSER**

The condenser must be cleaned monthly. Switch off the power supply and remove the plug before cleaning:

1. Unlock the maintenance flap and open it.
2. Screw both locking levers towards each other, Pull out the handle/air cooler.
3. Thoroughly clean the handle/air cooler, allow all the water to drip out, then clean the seals.
4. Re-insert the handle/air cooler, handle below, unscrew both locking levers, close the maintenance flap until it locks into position.



**Note: Do not use a sharp tool cleaning the heat exchanger, otherwise it may damage its sealing performance.**

**DISPLAY CODES**

CODES	CAUSES	SOLUTIONS
F2	→ Drain pump error.	– Please contact the service center.
F3	→ The thermal sensor (near the filter) is open-circuited or short-circuited.	– Please contact the service center.
F4	→ Temperature of the laundry in the drum does not change.	– Please contact the service center.
F6	→ The filter is full.	– Clean the filter.
F9	→ The thermal sensor (near the heater) is open-circuited or short-circuited.	– Please contact the service center.

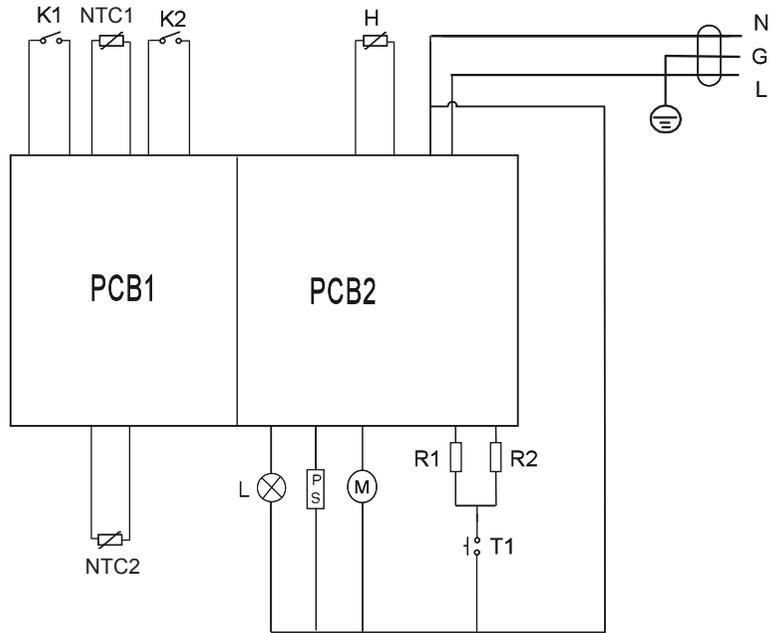
**TROUBLESHOOTING**

The following circumstances do not constitute problems. Do not contact the service center until the problem has been confirmed.

PROBLEM	CAUSES	SOLUTIONS
Tumble dryer fails to operate.	<ul style="list-style-type: none"> <li>→ Poor connection to the power supply.</li> <li>→ Power failure.</li> <li>→ No drying program is set.</li> <li>→ Device has not been switched on.</li> <li>→ The water collection tank is full.</li> <li>→ The tumble dryer door is not properly closed.</li> </ul>	<ul style="list-style-type: none"> <li>– Check connection to the power supply.</li> <li>– Check the power supply.</li> <li>– Make sure a drying program has been set.</li> <li>– Make sure the device is switched on.</li> <li>– Empty the water collection tank.</li> <li>– Close the tumble dryer door properly.</li> </ul>
Tumble dryer fails to operate and the display shows "End".	<ul style="list-style-type: none"> <li>→ The laundry has reached the condition defined by the program setting.</li> <li>→ There is no laundry in the drum.</li> </ul>	<ul style="list-style-type: none"> <li>– Check if your program setting is appropriate.</li> <li>– Check if there's laundry in the drum.</li> </ul>
Drying time is too long and the results are not satisfactory.	<ul style="list-style-type: none"> <li>→ The program setting is not correct.</li> <li>→ The filter screen has not been cleaned.</li> <li>→ The condenser is blocked.</li> <li>→ The tumble dryer is overloaded.</li> <li>→ The laundry is too wet.</li> <li>→ The vent duct is blocked.</li> </ul>	<ul style="list-style-type: none"> <li>– Make sure the program is set correctly.</li> <li>– Clean the filter screen.</li> <li>– Clean the condenser.</li> <li>– Reduce the amount of laundry in the drum.</li> <li>– Spin the laundry properly before drying.</li> <li>– Check the vent duct and unblock it.</li> </ul>
Remaining time on the display stops or skips.	<p>The remaining time will be adjusted and corrected continuously and automatically based upon the following factors:</p> <ul style="list-style-type: none"> <li>→ Type of laundry.</li> <li>→ Loaded amount.</li> <li>→ The degree of spinning dry of laundry.</li> <li>→ Ambient temperature.</li> </ul>	<ul style="list-style-type: none"> <li>– The automatic adjustment is a normal operation.</li> </ul>

## ELECTRIC CIRCUIT DIAGRAM

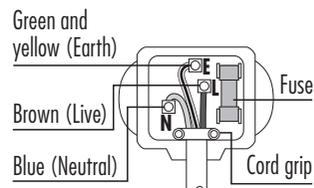
### ELECTRIC CIRCUIT DIAGRAM



- |                    |                       |              |                    |            |                    |
|--------------------|-----------------------|--------------|--------------------|------------|--------------------|
| <b>R1:</b>         | Heating1              | <b>T1:</b>   | Thermal cut-out    | <b>K1:</b> | Door switch        |
| <b>R2:</b>         | Heating2              | <b>NTC1:</b> | Temperature sensor | <b>K2:</b> | Water level switch |
| <b>L:</b>          | Lamp                  | <b>NTC2:</b> | Temperature sensor | <b>H:</b>  | Humidity sensor    |
| <b>PCB1, PCB2:</b> | Printed circuit board | <b>PS:</b>   | Drainage pump      | <b>M:</b>  | Motor              |

### BS PLUG SAFETY DETAILS (FOR U.K. USER)

This appliance must be earthed. As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: The green and yellow wire must be connected to the terminal in the plug marked E or by the earth symbol (⊕) or coloured green or green and yellow. The wire coloured blue must be connected to the terminal marked with the letter N or coloured black. The wire coloured brown must be connected to the terminal marked with the letter L or coloured red. If a 13 amp (BS 1363) plug is used, fit a 13 amp BS 1362 fuse.



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