

# Haier

## **User Manual** HD80-A82 Heat Pump Dryer



## DEAR CUSTOMER

Thank you for your purchase of a Haier product. Please read the manual and safety instructions carefully and keep them for future reference and pass them on to any future owner.



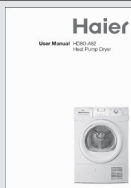
**Instructions showing this icon need special attention for safe handling.**

## SCOPE OF DELIVERY

Please check, if the accessories and literature is in accordance with this list.

- 1** User manual
- 2** Rack

**1**



**2**



## INTENDED USE

This heat pump tumble dryer is designed for household use only. It should be used to dry items which have been washed in a water solution and are marked on the manufacturer's care label as being suitable for tumble drying. It is not intended for commercial or outdoor use.

**Haier cannot be held liable for damage resulting from incorrect or improper use or operation.**

This tumble dryer conforms to current safety requirements.



## SAFETY INSTRUCTIONS

- The tumble dryer can only be used by people with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, if they are supervised whilst using it or have been shown how to use it in a safe way and understand the hazards involved.
- Children under 8 years of age must be kept away from the tumble dryer unless they are constantly supervised.
- Children 8 years and older may only use, clean or maintain the tumble dryer without supervision if they have been shown how to do so in a safe way and understand the hazards involved.
- The tumble dryer is not a toy! To prevent the risk of injury, do not allow children to play with it or near it, or to play with the controls.
- Before setting up the tumble dryer, check it for any externally visible damage.
- Do not install or use a damaged tumble dryer.
- Before connecting the tumble dryer, ensure that the connection data match the mains electricity supply. If in any doubt, consult a qualified electrician.
- The electrical safety of this tumble dryer can only be guaranteed when correctly earthed.
- Do not connect the tumble dryer to the mains electricity supply by an extension lead.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person.
- Faulty components must be replaced by original spare parts.
- The tumble dryer must be isolated from the mains supply in the event of a fault and during cleaning and maintenance.
- Do not install the tumble dryer in a room where there is a risk of frost occurring. The ambient temperature should be between 5 °C and 35 °C.
- Do not install the tumble dryer behind a lockable door, a sliding door or a door with hinges on the opposite side of the tumble dryer door as this limits the full opening of the tumble dryer door.
- Always keep the area around the tumble dryer free of dust and lint. Also make sure that the area is dry and well ventilated.
- The tumble dryer must not be used in a non-stationary location (e.g. a ship).
- Do not make any alterations to the tumble dryer, unless authorised to do so by Haier.
- In areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the tumble dryer and its surroundings in a clean condition at all times.
- Do not dry unwashed items in the tumble dryer.
- Do not load more than 8 kilograms.
- Items which contain residues of inflammable substances such as cooking oil, acetone, alcohol, benzine, petrol, kerosene, spot removers, turpentine, waxes, wax removers or other chemicals should not be dried in the tumble dryer.
- If it is unavoidable to dry items that contain vegetable oil, cooking oil, hair care or cosmetical products, they should be washed using additional detergent and

select a high temperature. If in doubt, wash the items several times.

- Items which contain a large proportion of rubber, foam rubber (latex foam) or rubber like materials such as shower caps, waterproof textiles, rubberised articles and items of clothing and pillows with foam rubber filling should not be dried in the tumble dryer.
- Items which have been cleaned using chemicals such as professional dry-cleaning agents, should not be dried in the tumble dryer.
- Do not dry damaged items which contain padding or fillings (e.g. pillows, jackets), as the filling can get out with the risk of igniting in the dryer.
- Remove all items such as lighters and matches from pockets.
- The end of a dryer cycle runs without heat (cool down cycle) to ensure that the items do not get damaged and are at a handleable temperature.
- **Warning:** Do not switch the tumble dryer off before the drying cycle is finished. Afterwards, the laundry must be hung up or spread out to cool it down.
- Fabric softeners and similar products must be used as specified by the manufacturer's packaging.
- The dryer must not be used without the lint filters in place or with damaged filters.
- The lint filters must be cleaned regularly.
- Close the door once the laundry is removed to prevent children, animals and objects getting into the drum.
- Do not sit or lean on the door, as this can cause the tumble dryer to tilt.
- Condensed water is not drinking water. It can cause health problems in both people and animals.

## UNPACKING

Remove all packaging material including the polystyrene base. All packaging material should be recycled.

- 1 Cut the strips.
- 2 Lift the cover upwards.
- 3 Remove the protective parts.
- 4 Remove the base.

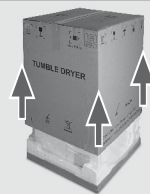


Ensure that any plastic wrappings, bags, etc are kept out of the reach of babies and young children. Danger of suffocation.

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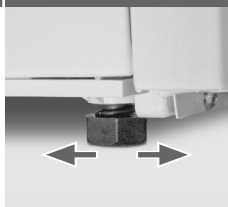
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## INSTALLATION

- 1 Adjust the four feet to level the appliance before operation.
- 2 Make sure the socket meets the requirements and connect it to an earthed socket outlet.

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## TECHNICAL DATA

<b>Power</b>	220 - 240 V~ / 50 Hz
<b>Nominal load (kg)</b>	8
<b>Drying programs</b>	12
<b>Max. power (W)</b>	1000
<b>Fuse (A)</b>	min. 10
<b>Ambient temperature (°C)</b>	5 - 35
<b>Dimensions (H x D x W mm)</b>	845 x 650 x 595
<b>Net weight (kg)</b>	approx. 51,5
<b>Water protection level</b>	IPX4

For further technical information, please check the type plate on the appliance.

## FRONT VIEW

The pictures may differ from the appliance you have purchased due to technical improvements.



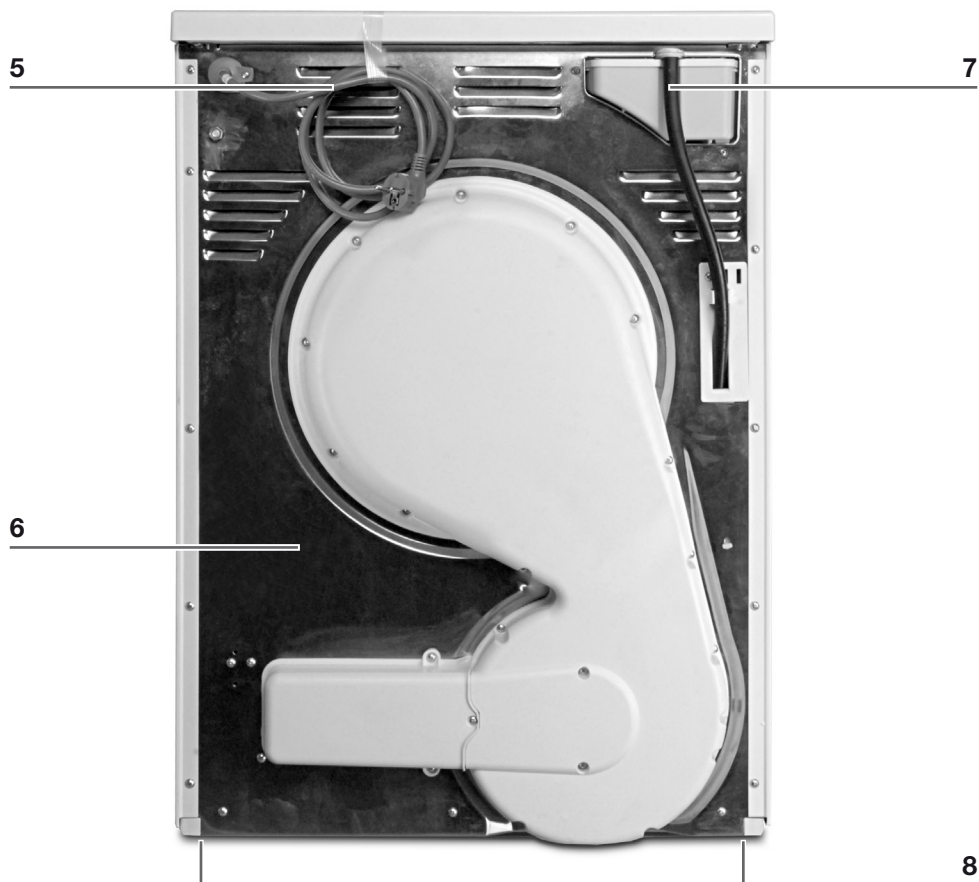
**1** Water tank

**2** Tumble dryer door

**3** Service door

**4** Control panel

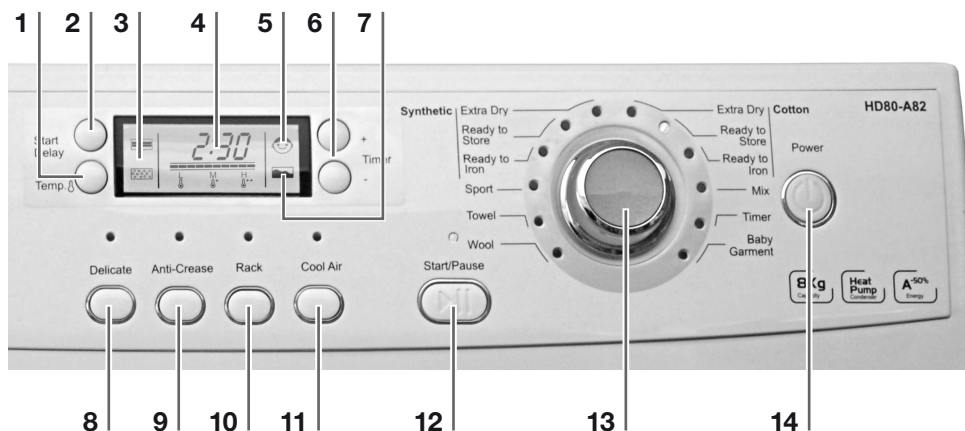
## REAR VIEW



- 5** Power supply cord
- 6** Back plate

- 7** Drainage outlet
- 8** Adjustable feet

## CONTROL PANEL



### 1 Temperature button

Set temperature to the desired level.

### 2 Delayed start button

Press button for delayed start. Use the Timer buttons to enter the time (in 1 hour intervals - up to 19 hours) the appliance should be finished in, afterwards press Start/Pause to start the delayed operation.

### 3 Clean filter indicators

Filters must be cleaned.

**Important: Clean the filter after each drying cycle. See Lint Filter Cleaning or Condenser Filter Cleaning section of the manual.**

### 4 Display

The display shows the remaining time, the delay time and other related information.

**Note: The remaining time is a default value, it will be calculated newly depending on additional program settings and the moisture content of the laundry.**

### 5 Child-lock indicator

To activate the Child-lock function after a cycle has been started, press the **Rack & Cool-Air** buttons for 3 sec. until the indicator lights up. To deactivate press both button for 3 sec. again.

**Note: When the cycle ends or the power supply is interrupted the function will be deleted automatically.**



<b>6 Timer buttons</b>	Modify the default time to your needs, using the + and - timer buttons.
<b>7 Empty tank indicator</b>	Water tank must be emptied. <b>Important: Empty the water tank after each drying cycle.</b> See <b>Empty the water tank</b> section of the manual.
<b>8 Delicate button</b>	Use this function for delicate fabrics. It lowers the temperature and lengthens the drying cycle time to take better care of the laundry.
<b>9 Anti-Crease button</b>	Use this function to lengthen the automatic anti-crease phase at the end of each program by 60 minutes. <b>Note: The laundry can be removed at any time during the anti-crease phase.</b>
<b>10 Rack button</b>	Press the <b>Rack</b> button if the rack should be used in a drying cycle.
<b>11 Cool Air button</b>	Use this function for fabrics that can not be dried with one of the heat settings.
<b>12 Start/Pause button</b>	Press Start/Pause to Start a drying cycle. Press button again to pause the drying cycle - indicator light is flashing. Press button again to continue.
<b>13 Program knob</b>	Select one of the 12 programs using this knob. The indicator of the respective program lights up. See <b>Program Modes</b> section of the manual for further information.
<b>14 Power button</b>	Press Power button to switch on the tumble dryer. Press Power button for 2 sec. to switch the tumble dryer off.

## PROGRAM MODES

	PROGRAM	DRYING DEGREE	RECOMMENDED LAUNDRY	MAX. LOAD
COTTON / LINEN	<b>Extra Dry</b>	Extra dry	Heavy cotton, sheets, gowns	8 kg
	<b>Ready to Store *)</b>	Ready to wear	Cotton, sheets, coats	8 kg
	<b>Ready to Iron</b>	Damp	Ordinary cotton	8 kg
SYNTHETICS	<b>Extra Dry</b>	Extra dry	Heavy synthetic	4 kg
	<b>Ready to Store</b>	Ready to wear	Ordinary synthetic	4 kg
	<b>Ready to Iron</b>	Ready to wear	Ordinary synthetic	4 kg
SPECIAL	<b>Sport</b>	Ready to wear	Sportswear	8 kg
	<b>Towel</b>	Ready to wear	Towels	8 kg
	<b>Wool **)</b>	Fluff but not dry	Woollen clothing	1 kg
	<b>Baby Garment</b>	Ready to wear	Baby clothing	4 kg
	<b>Timer</b>	Ready to wear	Heavy fabrics, need further drying	8 kg
	<b>Mix</b>	Ready to wear	Heavy fabrics, need further drying	8 kg

\*) EN 61121 test program setting.

\*\*) Special program for careful treating of woollen fabrics with warm air, after they have been worn or stored for long periods. Wool fibres stand up and the wool becomes soft and cosy.

## PREPARING THE DRYER

- 1 Connect the tumble dryer to a power socket.
- 2 Make sure the water tank is empty and properly installed.
- 3 Make sure that the lint filter is clean and properly installed.
- 4 Make sure that the condenser filter is clean and properly installed.

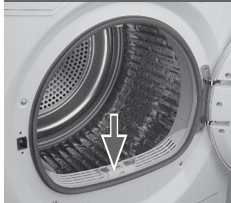
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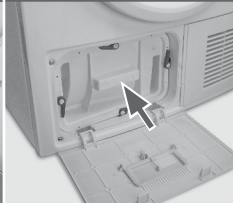
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## PREPARING THE LAUNDRY

- 1 Sort clothes according to fabric (cotton, synthetics, wool etc.). Only dry laundry that has been spun.
- 2 Empty pockets of all sharp or flammable objects such as keys, lighters and matches. Remove harder decorative objects such as brooches.

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**Follow the instructions on the laundry label and dry only machine-dryable garments. Do not dry silk, down or other delicate fabrics to avoid damage to the laundry.**

- Close zippers and hooks, make sure the buttons are sewn on tightly and place small items such as socks, bras etc. in a wash bag.
- Unfold large pieces of fabric such as bed sheets, table cloth etc.
























## LOADING THE DRYER

- 1 Place the laundry evenly in the drum making sure not to overload the dryer.
- 2 Switch on the tumble dryer by pressing the Power button.

**Fabric softeners or similar products should be used as specified in the manufacturer's instructions.**



## CARE CHART

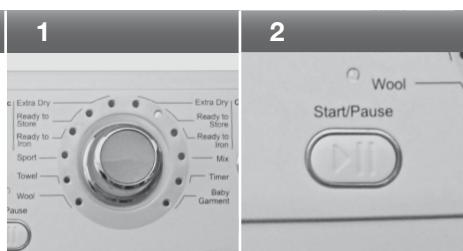
 Resistant material	 Bleachable in cold water	 Do not dry clean
 Delicate fabric	 Do not bleach	 Dry flat
 Washable at 95 °C	 Iron at 200 °C	 Hang to dry
 Washable at 60 °C	 Iron at 150 °C	 Dry on clothes hanger
 Washable at 40 °C	 Iron at 100 °C	 Tumble dry (normal heat)
 Washable at 30 °C	 Do not iron	 Tumble dry (reduced heat)
 Hand wash	 Dry cleaning (any solvent)	 Do not tumble dry
 Dry clean only	 Dry cleaning (perchloride)	
 Wool seal	 Dry cleaning (aviation fuel)	

## LOAD REFERENCE

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

## SET PROGRAM & START

- 1 Turn the program knob to select the desired program. It can be modified by use of the Timer and Temperature buttons.
- 2 Set functions such as Delay, Delicate, Anti-Crease, Rack or Cool Air. Afterwards press the Start/Pause button to start the dry cycle.



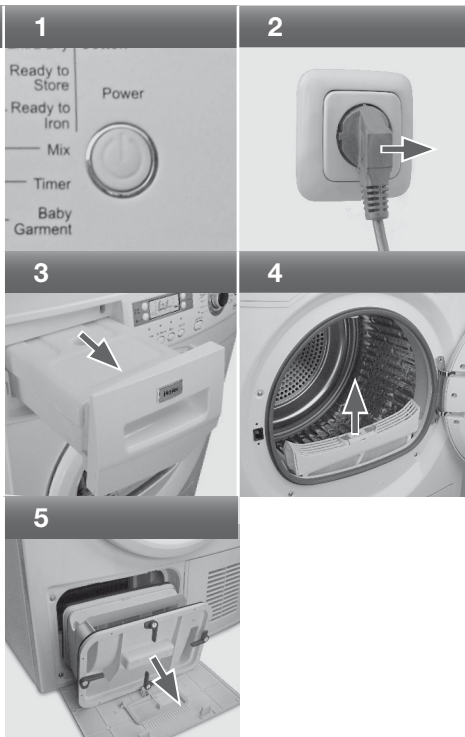
## ENVIRONMENTAL TIPS

- Spin the laundry as dry as possible before putting it into the tumble dryer.
- Avoid overloading the tumble dryer.
- Shake the laundry loose before putting it into the tumble dryer.
- Choose a proper drying program. Make sure the laundry is not dried longer than needed.
- Make sure to use the tumble dryer with cleaned filters.

## END OF DRY CYCLE

The tumble dryer stops operation automatically when a dry cycle is complete. The display shows END. Open the tumble dryer door and remove the laundry. If the laundry is not removed the anti-crease program starts automatically.

- 1 Switch off the tumble dryer by pressing the Power button for 2 sec.
- 2 Unplug the tumble dryer from the power socket.
- 3 Empty the water tank after each dry cycle.
- 4 Clean the lint filter after each dry cycle.
- 5 Clean the condenser filter approx. every 20 dry cycles.



## EMPTY THE WATER TANK

**During operation, steam condenses to water which is collected in the water tank. Empty the water tank after each dry cycle.**

- 1 Pull out the water tank from its housing.
- 2 Empty the water tank.
- 3 Reinstall the water tank to the tumble dryer.

**Note: Do not use the water for any kind of drinking or food processing.**

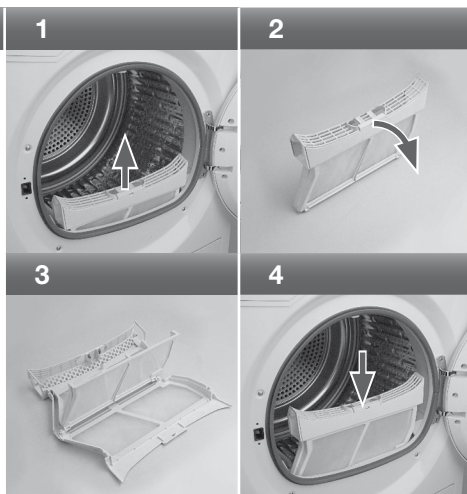


## LINT FILTER CLEANING

**Clean the lint filter after each dry cycle.**

- 1 Remove the lint filter from the drum.
- 2 Open up the lint filter.
- 3 Clean the lint filter from any lint residuals.
- 4 Reinstall the cleaned lint filter in the tumble dryer.

**Note: If the lint filter is very dirty, it can be cleaned under running water. Let it dry thoroughly before use.**



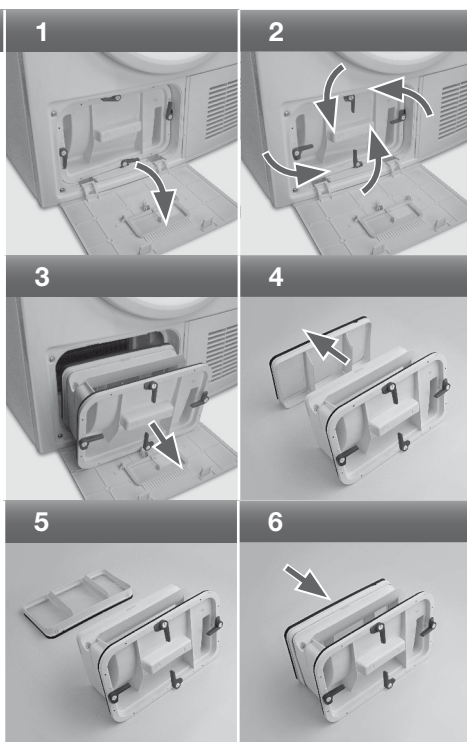
## CONDENSER FILTER CLEANING

**Clean the condenser filter approx. every 20 dry cycles.**

- 1 Open the Service door.
- 2 Open the four levers of the condenser filter.
- 3 Pull out the condenser filter from its housing.
- 4 Remove the rear filter screen.
- 5 Clean the condenser filter from any residuals.
- 6 Reinstall the rear filter to the condenser filter.

To reinstall the condenser filter, follow the above steps 3 to 1 in reverse order.

**Note: If the condenser filter is very dirty, it can be cleaned under running water. Let it dry thoroughly before use.**



## CLEANING & CARE

### TUMBLE DRYER

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

### DRUM

After some operation time, fabric care agents or calcium contained in the water can form an almost invisible film on the inside of the drum. Use a damp cloth and some detergent to remove it. Do not use any organic solvent or corrosive agent to avoid damage to the device.

### EVAPORATOR

If the evaporator behind the condenser filter is dirty, it can be cleaned by use of a vacuum cleaner. Make sure not to damage the evaporator while cleaning it.

## ERROR CODES

CODE	CAUSE	SOLUTION
F2	Drain pump error.	Contact the customer service.
F3	The condenser thermal sensor is open-circuited or short-circuited.	Contact the customer service.
F4	Temperature of the laundry in the drum does not change.	Contact the customer service.
E6	The filter is clogged.	Clean the filter.
F9	The compressor thermal sensor is open-circuited or short-circuited.	Contact the customer service.

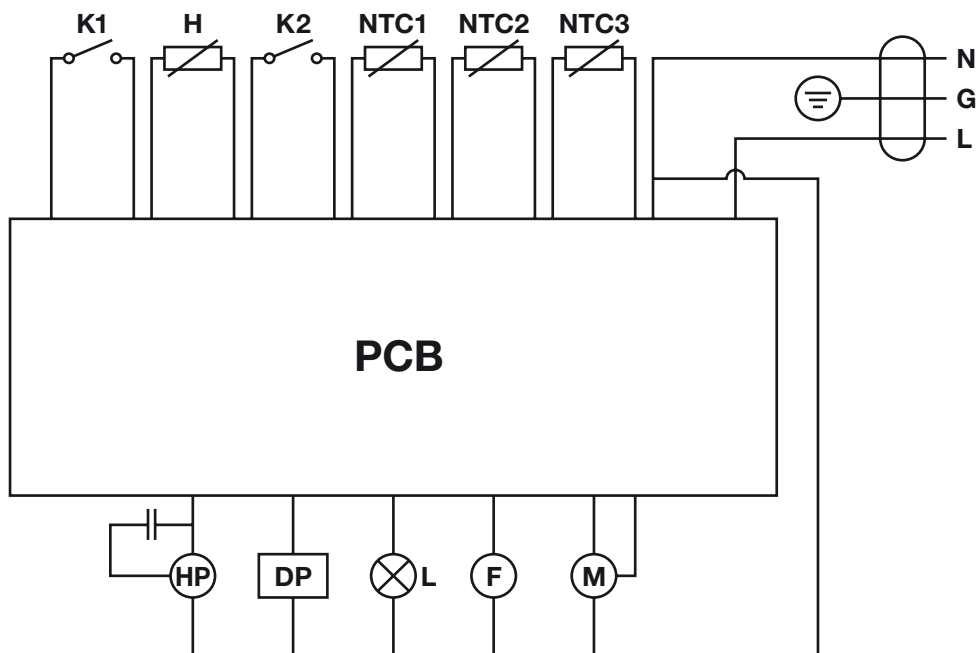


## TROUBLESHOOTING

**Before contacting the customer service, please check the following circumstances:**

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 tank is full.</li> <li>– The door is not closed properly.</li> </ul>	<ul style="list-style-type: none"> <li>• Check connection to the power supply.</li> <li>• Check the power supply.</li> <li>• Set a drying program.</li> <li>• Switch the device on.</li> <li>• Empty the water tank.</li> <li>• Close the 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.</li> <li>– There is no laundry in the drum.</li> </ul>	<ul style="list-style-type: none"> <li>• Check if the program setting is appropriate.</li> <li>• Check if there is 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 is clogged.</li> <li>– The evaporator 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 evaporator.</li> <li>• Reduce the amount of laundry.</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 continuously based upon the following factors:</p> <ul style="list-style-type: none"> <li>– Type of laundry.</li> <li>– Loaded amount.</li> <li>– Moisture degree of the laundry.</li> <li>– Ambient temperature.</li> </ul>	<p>The automatic adjustment is a normal operation.</p>

## ELECTRIC CIRCUIT DIAGRAM



**K1** Door switch  
**K2** Water level switch  
**H** Humidity sensor  
**NTC1** Temperature sensor  
**NTC2** Temperature sensor  
**NTC3** Temperature sensor

**HP** Heat pump  
**DP** Drainage pump  
**L** Lamp  
**F** Fan  
**M** Motor



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