



# User manual Heat-Pump-Dryer

HD90-CQ387U1  
HD90-CQ387GU1  
HD100-CQ387U1  
HD100-CQ387GU1  
HD100-CQ387BU1

EN

# Haier

## Thank you for purchasing a Haier Product.

Please read this instruction carefully before using the appliance. The instruction contains important information which will guide you in order to have a safe and proper installation as well as daily 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 appliance.

### Safety notice



**WARNING!** – Important safety information



General information and tips



Environmental information

### Disposal



This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract.

This product and its electronic accessories should not be mixed with other commercial wastes for disposal.



**WARNING!**

**This appliance is filled with R290. Flammable material. risk of fire.**

**WARNING:** In the appliance enclosure or in the built-in structure, keep ventilation openings clear of obstruction.

**WARNING:** Do not damage the refrigerant circuit.



**WARNING!**

### Risk of injury or suffocation!

To ensure safety when disposing of an old tumble dryer, disconnect the mains plug from the socket, cut the mains power cable and destroy this together with the plug. To prevent children shutting themselves in the machine, break the door hinges or the door lock.



**WARNING!**

The appliance must not be powered through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by a utility.

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## **WARNING!**

### **Before first use**

- ▶ Make sure there is no transportation damage.
- ▶ Remove all package and keep it out of children's reach.
- ▶ Always move the appliance with two people at least because it is heavy.

### **Daily use**

- ▶ This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- ▶ Keep away children under 3 years of age from the appliance unless they are constantly supervised.
- ▶ Children shall not play with the appliance.
- ▶ Do make sure the room is dry and well ventilated. The ambient temperature should be between 5 °C and 35 °C.
- ▶ Do not cover any ventilation openings in the base by a carpet or similar object.
- ▶ Keep the area around the tumble dryer free of dust and lint.
- ▶ Do make sure that there is only laundry inside the appliance and no pets or children before you use it.
- ▶ Only touch the mains plug with dry hands and do not touch or use the appliance if you are barefoot or with wet hands or feet
- ▶ Do not dry unwashed items in the tumble dryer.
- ▶ Do make sure not to load more than nominal load.
- ▶ Remove all items such as lighters and matches from pockets.
- ▶ Fabric softeners, or similar products, should be used as specified by the fabric softener instructions
- ▶ Do not use or store any flammable sprays or flammable gas in close vicinity to the appliance.
- ▶ Do not place heavy objects or sources of heat or damp on top of the appliance.
- ▶ Hold the plug, not the cable, when unplugging the appliance.
- ▶ Do not touch the rear and the drum during operation, they are hot.



**WARNING!****Daily use**

- ▶ Do not use the appliance to dry following items
  - ▶ Items which are not washed.
  - ▶ Items which have been contaminated with inflammable substances such as cooking oil, acetone, alcohol, benzine, petrol, kerosene, spot removers, turpentine, waxes, wax removers or other chemicals. The fumes can cause a fire or explosion. Items that have been soiled with substances such as cooking oil, acetone, alcohol, petrol, kerosene, spot removers, turpentine, waxes and wax removers should be washed in hot water with an extra amount of detergent before being dried in the tumble dryer
  - ▶ Items which contain padding or fillings (e.g. pillows, jackets), as the filling can get out with the risk of causing ignition.
  - ▶ Items such as foam rubber (latex foam) shower caps, water-proof textiles, rubber backed articles and clothes or pillows pillows fitted with foam rubber pads should not be dried in the tumble dryer.
- ▶ Do not drink the condensed water.
- ▶ Do not use the appliance without the lint filter or condenser filter in place or with damaged filter.
- ▶ Notice that the last part of the drying cycle occurs without heat (cool down cycle) to ensure remaining garments are under a temperature which does not damage them.
- ▶ Do not leave the appliance unattended during run time for a long time. If a long absence is needed, the drying cycle have to be interrupted by switching off and unplugging the mains.
- ▶ Do not switch off the appliance until drying cycle is finished, Never 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
- ▶ Switch off the appliance after each drying programme to save electricity and for safety.

**Maintenance / cleaning**

- ▶ Make sure children are supervised if they carry out cleaning and maintenance.
- ▶ Disconnect the appliance from the electrical supply before undertaking any routine maintenance.



## **WARNING!**

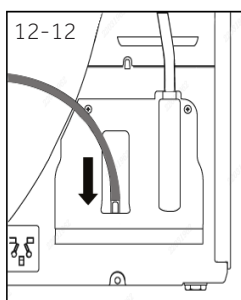
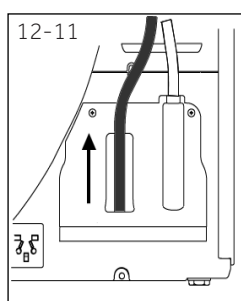
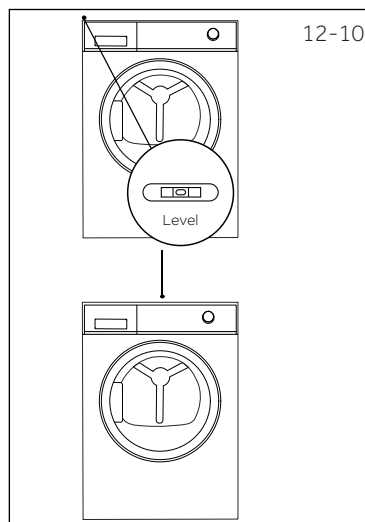
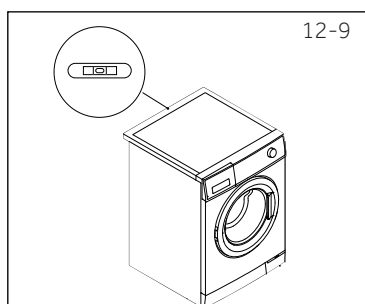
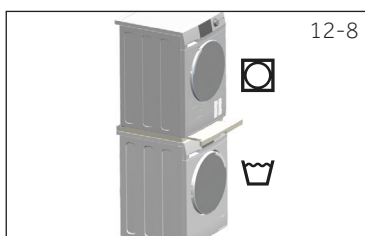
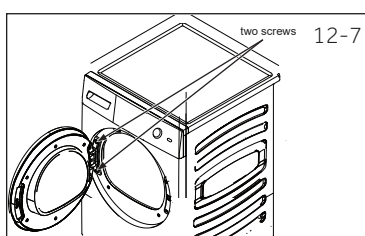
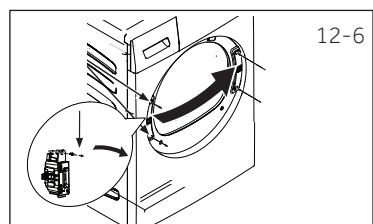
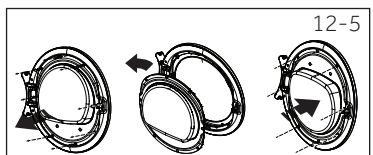
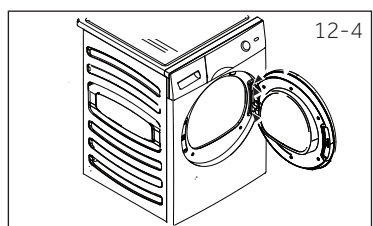
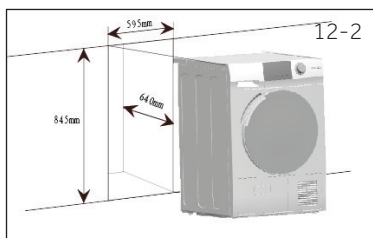
### **Maintenance / cleaning**

- ▶ Clean the lint filter and the condenser filter after each programme (see CARE AND CLEANING).
- ▶ Do not use water spray or steam to clean the appliance.
- ▶ Do not use industrial chemicals to clean the appliance.
- ▶ If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- ▶ Do not try to repair the appliance by yourself. If a repair is needed, please contact our customer service.

### **Installation**

- ▶ Ensure put the machine in a place which allows opening the door fully. 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 door.
- ▶ Install the appliance in a well-ventilated, dry place.
- ▶ Never install the appliance in a damp outdoor, or in an area which has the risk of water leakage such as under or near a sink unit. Once a water leakage happened, cut power supply and allow the machine to dry naturally.
- ▶ Install or use the appliance only in a place where the temperature is above 5 °C.
- ▶ Do not place the appliance directly on a carpet, or close to a wall or furniture.
- ▶ Do not expose the appliance to any frost, heat or direct sunlight or around any heat sources (e.g. stoves, heaters).
- ▶ Make sure that the electrical information on the rating plate aligns with the power supply. If it does not, contact an electrician.
- ▶ Do not use multi-plug adapters and extension cables.
- ▶ Make sure not to damage the electric cable and the plug. If it is damaged, have it replaced by an electrician.
- ▶ Use a separate earthed socket for the power supply which is easy access to after installation. The appliance must be earthed.
- ▶ Only for UK: The appliance's power cable is fitted with 3-cord (grounding) plug that fits a standard 3-cord (grounded) socket. Never cut off or dismount the third pin (grounding). After the appliance is installed, the plug should be accessible.

# 2-Installation pictures



## Intended use

This appliance is intended for drying 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 designed exclusively for domestic use inside the house. It is not intended for commercial or industrial use. Changes or modifications to the device are not allowed. Unintended use may cause hazards and loss of all warranty and liability claims.

## Standards and directives

This product meets the requirements of all applicable EC directives with the corresponding harmonised standards, which provide for CE marking.



### Environmentally responsible use

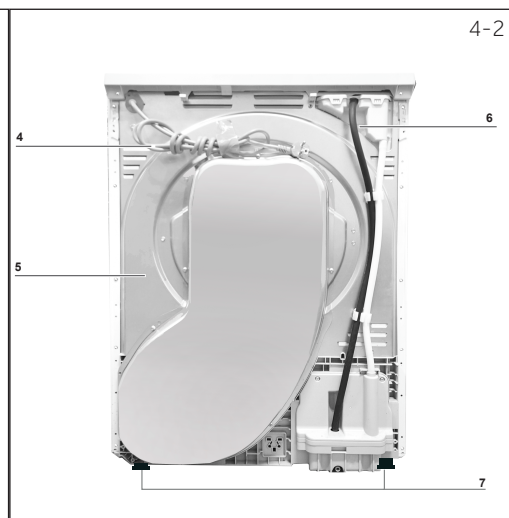
- ▶ **Completely spin:** Spin the laundry with the maximum spin speed.
- ▶ **Maximum load:** Use the maximum filling amount according to the programme table, but do not overload the dryer. To take advantage of the maximum load, the laundry which should be dried "READY to WEAR", can be first dried easily with "Ironing". When program ends, remove the laundry which should be ironed and dry the remaining laundry then to end.
- ▶ **Loosen up the laundry:** Shake out the laundry before putting them into the dryer.
- ▶ **Avoid excess drying:** An excessive drying should be avoided. Select the right programme and the appropriate dry level.
- ▶ **Softener unnecessary:** Do not use softener when washing, because the laundry will become fluffy and soft in the dryer.
- ▶ **Cleaning of the lint filters:** Clean the lint filters after each cycle.
- ▶ **Ventilation:** Make sure the appliance is properly ventilated (see INSTALLATION).
- ▶ **Condensed water reuse:** The collected condensed water can be used for the steam iron. Before that, it should be poured through a fine sieve or coffee filter paper, Smallest parts will be retained by the filter.

**Note:**

Due to technical changes and different models, the illustrations in the following chapters may differ from your model.

**4.1 Picture of appliance****Front (Fig. 4-1):**

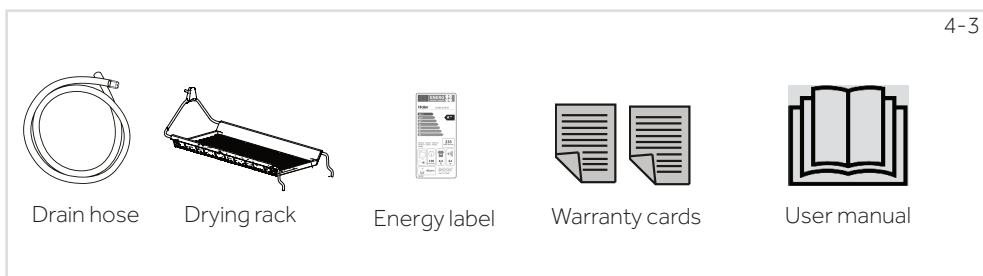
- 1 Water tank
- 2 Tumble dryer door
- 3 Control panel

**Rear side (Fig. 4-2):**

- 4 Power supply cord
- 5 Back plate
- 6 Drainage outlet
- 7 Adjustable feet

**4.2 Accessories**

Check the accessories and literature in accordance with this list (Fig.4-3):



Drain hose

Drying rack

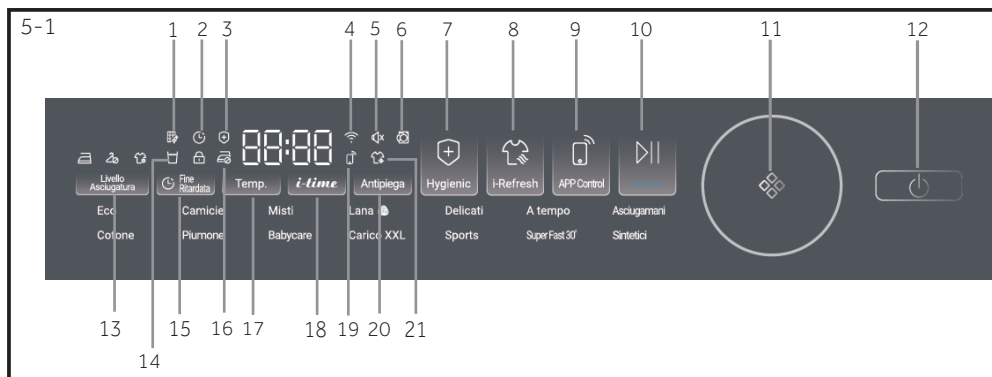
Energy label

Warranty cards

User manual

# 5-Control panel

EN



- |                          |                       |                         |                        |
|--------------------------|-----------------------|-------------------------|------------------------|
| 1 Clean filter indicator | 7 Hygienic button     | 13 Dry level button     | 19 Remote indicator    |
| 2 Delay indicator        | 8 i-Refresh button    | 14 Empty tank indicator | 20 Anti crease button  |
| 3 Hygienic indicator     | 9 Remote button       | 15 Delay button         | 21 i-Refresh indicator |
| 4 Wifi indicator         | 10 Start/Pause button | 16 Antipiega indicator  |                        |
| 5 Mute indicator         | 11 Progarm knob       | 17 Temp. button         |                        |
| 6 Door opening indicator | 12 Power button       | 18 Time button          |                        |



## 5.1 Clean filter indicator

It does not light up under normal conditions, when the drying time is greater than 30 min, it enters the END stage after the program, and the indicator (Fig. 5- 2) light flashes. For the cleaning steps see lint filter cleaning or Condenser filter cleaning section of this manual.



## 5.2 Delay indicator

It (Fig. 5-3) does not light up under normal conditions, but it will always light up after selecting the delay, and it will always be on when the delay is running



## 5.3 Hygienic indicator

After the sterilization function is turned on, this icon (Fig. 5-4) remains always on, turns off during the running stage, and turns back on when entering the sterilization stage.



## 5.4 Wifi indicator

During network configuration, the WiFi light flashes (0.5s on, 0.5s off), and this icon (Fig. 5-5) stays on after successful network configuration.

### 5.5 Mute indicator

The buzzer is activated by default. To deactivate the buzzer function, press the 2 buttons( temp. and i-time ) at the same time for 3 seconds until you hear a beep sound,the indicator ( Fig.5-6 ) will light up.To activate it, press the same two buttons for 3 seconds again.



### 5.6 Door opening indicator

If the door open, this indicator (Fig. 5-7) will light up. Users should close the door ,then can be start a drying cycle.



### 5.7 Hygienic button

Hygienic function is designed to kill bacteria and mites as well as virus on clothes with high temperature.

The program setting will automatically change to the highest drying level and temperature.

After selecting Hygienic function, this button will keep light on until the drying cycles starts. When entering to the hygienic phase, the button will light up again to indicate users.



### 5.8 i-Refresh button

I - Refresh is a Haier patent-owned function that aims to remove dust and moisture, Fluff up clothes as well as refresh clothes in a short time. By rotating and shaking, wind blows in to clothes, even delicate clothes and non-washable fabrics can be taken good care.



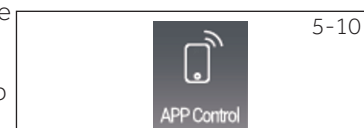
### 5.9 Remote Control button ( )



Shortly press this button to activate/deactivate the Remote Control of the appliance via the hOn app Fig. 5-10).

NOTE: To start the pairing procedure, please follow the app instructions. More information, please see the dedicated.

"hOn App" chapter 14.

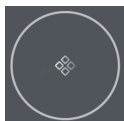


### 5.10 Start/Pause button

Press Start/Pause (Fig.5-11) to Start a drying cycle. Press button again to pause the drying cycle. Press button again to continue.



5-12



## 5.11 Program knob

Select one of the 14 programs using the knob (Fig. 5-12). The indicator of the respective program lights up. See Program Modes section of the manual for further information.

5-13



## 5.12 Power button

Press Power button (Fig. 5-13) to switch on/off the tumble dryer.

5-14



## 5.13 Dry Level button

Press the button (Fig. 5-14) to set the final moisture content of the laundry at the end of cycle. The display is shown below:



Cupboard



Ready to wear



Ironing

5-15



## 5.14 Empty tank indicator

This indicator is designed to remind users the water tank should be emptied (Fig. 5-15). Important: Empty the water tank after each drying cycle.

5-16



## 5.15 Delay button

Delay function allows users to delay the start time of the cycle (From 1 to 12 hours). When activated, icon (Fig. 5-16) will light up.

5-17



## 5.16 Antipiega indicator

The Antipiega function is designed to help remove wrinkles from clothes. After the drying cycle, the drum will rotate to stretch the clothes, so there is no need to worry about forgetting to take them out. The Antipiega function is deactivated by default. After selecting the program, the icon (Fig. 5-18) lights up. When the drying cycle ends, the drum continues rotating for an additional 1 to 12 hours with cold air. Users can stop it at any time by opening the door or starting a new cycle



### 5.17 Temp. button

This button is set to adjust drying temperature based on personal needs or requirements. Pressing this button (Fig. 5-18) to set the drying temperature you want.

There are 4 levels and matching display is shown below:



- [ - } High temperature.
- [ - } Middle temperature.
- [ - | Low temperature.
- [ o o ] Cool air.

### 5.18 i-time button

This function is designed to allow users to adjust cycle duration based on personal needs. Only under Timer and Wool programs, users can use this function to adjust time. Keep pressing this button (Fig. 5-19) 3 seconds, time can be adjusted quickly.



### 5.19 Remote control indicator

After the remote function is successfully configured, the icon is on. Press the start/pause button to switch off.



## Smart AI Drying

Replace the text: The Smart AI Drying function in the hOn app optimizes drying cycles for mixed loads (cotton, synthetics).

By activating this function, you can select the desired drying level: “Cupboard” or “Ready to Wear”. During the cycle, the appliance will send a notification to the hOn app when the “Iron Dry” level is reached—this is the stage when lighter garments are already dry.

At this point, you can open the door, remove the dry garments, and then close the door and press “Resume” to continue the drying cycle for the remaining items. This process allows you to complete the drying in a single cycle instead of running two separate ones, saving both time and energy.

**Note:** This feature is available from the hOn app. You need to pair the tumble dryer with the hOn app before using this feature.

## 5.20 Anti crease button

It refers to a mode in which the dryer dries the clothes and carries out continuous movement to avoid the drying clothes from stacking in the dryer for a long time and causing more severe wrinkles.



## 5.21 i-Refresh indicator

Under normal circumstances, the icon(Fig.5-22) does not light up,when the air washing program is selected, this icon is fully illuminated.





## 5.22 Child lock

After powering on, while in the running state, touch the 'Livello Asciugatura' + 'Fine Ritard.' combination keys for 3 seconds to activate the child lock. Touch the same key combination again for 3 seconds to deactivate it. Once the child lock is activated, all touch buttons become invalid (except for the power-off button), and an invalid operation will trigger an alert tone. The digital display will show 'cLoK' (Fig. 5-24).



Once the child lock is set, it cannot be automatically disabled during program operation and must be manually deactivated. If the machine is turned off and then turned back on, the child lock remains active. Additionally, if the door is opened during operation and then closed again, the child lock must be deactivated before the machine can restart. However, when the program finishes running, the child lock is automatically released.

• Yes, ◦ Optional\*, / No

 Program	Max. load kg		 DRYNG TIME		SELECTABLE OPTIONS						
	9KG	10KG	9KG	10KG	Livello Asciugatura	Fine Ritard	Temp.	i-time	Anti- piega	Hyginic	i-Refresh
Eco *)	9	10	3:30	3:40	•	•	◦	/	•	•	/
Camicie	2.5	3	0:50	0:52	•	•	◦	/	•	/	•
Misti	5	6	3:15	3:24	•	•	◦	/	•	•	/
Lana	1	1	2:00	2:00	◦	•	◦	•	/	/	•
Delicati	1	1	1:05	1:08	•	•	◦	/	•	/	/
Timer	-	-	0:40	0:40	◦	•	•	•	•	/	/
Asciugamani	5	6	1:45	1:50	•	•	◦	/	•	•	•
Cotone	5	6	2:50	2:58	•	•	◦	/	•	/	•
Piumone	2	2	2:00	2:06	•	•	◦	/	•	/	•
Babycare	3	3	1:20	1:24	•	•	◦	/	•	•	•
Carico XXL	4.5	5	2:00	2:06	•	•	•	/	•	•	•
Sports	4	4	1:30	1:34	•	•	◦	/	•	•	/
Super Fast 30'	1	1	0:30	0:30	◦	•	•	/	/	/	/
Sintetici	3	4	1:35	1:39	•	•	/	/	•	/	•




\*) Optional, means not all levels are available, please refer to the actual machine display for details.




\*\*) EN 61121 test program setting, we recommend that you drain the condensed water externally through the drain hose when drying a full load using the Eco program. This will avoid to empty the water tank during the cycle.




\*\*\*) The program duration is influenced by the following factors: the type of fabric, the load quantity, moisture content, the desired dry level, as well as the spin speed during washing. These factors are registered by the electronics during the program and the remaining time will be corrected accordingly.

## Heat pump technology

The condensation dryer with heat exchanger is outstanding in terms of efficient energy consumption. These are guide values determined under standard conditions. The values may differ from those given, depending on overvoltage and undervoltage, the type of fabric, composition of the laundry to be dried, the residual moisture and the actual loading.

Programme ECO	Spin speed in rpm	Restidual moisture in %	Time in h:min		Energy consump- -tion in kWh		water content%	
			9kg	10kg	9kg	10kg	9kg	10kg
Cupboard 	1000	approx. 60	3:50	4:05	1.89	2.01	0	0
Ready to Wear 	1000	approx. 60	3:10	3:25	1.56	1.68	2	2
Ironing 	1000	approx. 60	2:40	2:45	1.31	1.35	12	12

Programme sintetici	Spin speed in rpm	Restidual moisture in %	Time in h:min		Energy consump- -tion in kWh		water content%	
			9kg	10kg	9kg	10kg	9kg	10kg
Cupboard 	1000	approx. 60	3:00	3:15	1.48	1.60	0	0
Ready to Wear 	1000	approx. 60	2:30	2:45	1.23	1.35	2	2
Ironing 	1000	approx. 60	2:00	2:15	0.99	1.11	12	12

Programme cotone	Spin speed in rpm	Restidual moisture in %	Time in h:min		Energy consump- -tion in kWh		water content%	
			9kg	10kg	9kg	10kg	9kg	10kg
Cupboard 	1000	approx. 60	2:30	2:45	1.23	1.35	0	0
Ready to Wear 	1000	approx. 60	2:00	2:15	0.99	1.11	2	2
Ironing 	1000	approx. 60	1:30	1:45	0.74	0.86	12	12



## Environmentally responsible use

- ▶ 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.

## 8.1 Starched laundry

Starched laundry leaves a film of starch in the drum and is not suitable for the dryer.

## 8.2 Softener

No need to use softener when washing, because the laundry will become soft and fluffy in the dryer.

## 8.3 Soft care cloths

The use of "soft care cloths" can lead to a coating at the lint filters. This can cause a blockage of the filters. In such cases, we recommend either to abstain from adding soft care cloths or to choose a different brand. In any case note the manufacturer's instructions.

## 8.4 Small amounts of filling

In a quantity of less than 1.0 kg, the "Timer"-programme should be selected because the dry level of clothes cannot be sensed sometimes due to the small load.

## 8.5 Drum interior light

When the appliance is switched on, the drum light will keep on when the door is open.

## 8.6 Service flap

Make sure that the service flap is always closed during operation.

## 8.7 Anti crease protection

When you set the Anti crease, at the end of the cycle, if the laundry is not taken out, the drum moves time to time to prevent creases.

## 8.8 Laundry which should be ironed

For those clothes that need to be ironed, users should select dry level at "Ironing". Thus, it can help to iron quickly.

## 8.9 Remaining time

The program duration is influenced by the following factors: the type of fabric, the loading quantity, moisture content, the desired dry level, as well as the spin speed during washing. These factors are registered by the electronics during the program and the remaining time will be corrected accordingly.

## 8.10 Extra large pieces

When cycle ends, if the desired dry level is not achieved, loosen up the laundry and dry again with the time programme (TIMER).

## 8.11 Especially delicate fabrics

Textiles which can easily shrink or lose their shape, as well as silk stockings, lingerie should not be put in the dryer directly. Put delicate garments inside a laundry bag and avoid over drying them.

## 8.12 Jersey and knitwear

Clothes like jersey and knitwear, we recommend to use Delicate program to dry to avoid over-drying.

## 8.13 Metal ornament

If metal decorations and plastic nail beads are used on the clothing, it should be properly wrapped to avoid hitting the drum and causing damage before operation.

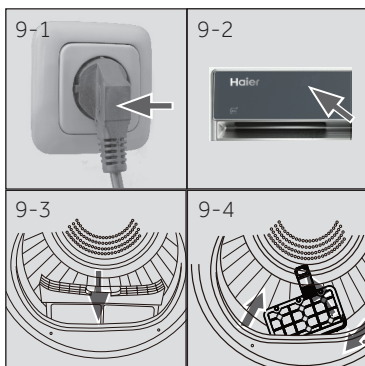
## 8.14 Acoustic signal

An acoustic signal can be activated:

- ▶ When the water tank is full.
- ▶ Failures happen.

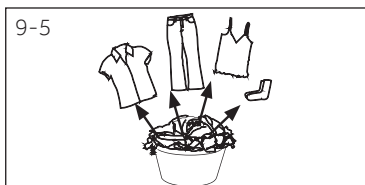
Additionally the acoustic signal can also be selected for following cases:

- ▶ At the end of program.
- ▶ When pressing a button .
- ▶ When turning the program selector.



### 9.1 Prepare the appliance

1. Connect the appliance to a power supply (220V to 240V~50Hz) (Fig. 9-1) Please also refer to section INSTALLATION.
2. Make sure:
  - ▶ The water tank is empty and properly installed. (Fig. 9-2).
  - ▶ The lint filter is clean and properly installed. (Fig. 9-3).
  - ▶ The condenser filter is clean and properly installed (Fig. 9-4).



### 9.2 Prepare the laundry

- ▶ Sort clothes according to fabric (cotton, synthetics, wool etc.). Only dry clothes that has been spun.
- ▶ Empty pockets of all sharp or flammable objects such as keys, lighters and matches. Remove hard decorative objects such as brooches.
- ▶ Zippers up and make sure the buttons are sewn on tightly and place small items such as socks, bras etc. in a wash bag.
- ▶ Unfold bulky items of fabric such as bed sheets, table cloth etc.
- ▶ Follow the instructions on the laundry label and dry those garments that can be dried by machine.



### Tips:

- ▶ Separate white clothes from coloured ones.
- ▶ Bed linen and pillowcases should be buttoned, so that small parts cannot stuck inside.
- ▶ Close zippers and hooks, and tie loose belts without metal parts, apron strings etc. together.
- ▶ Remove loose metal parts of clothes before putting into dryer such as metal buttons.
- ▶ Do not over-dry easy-care linen. Risk of creases. Allow final drying in open air.
- ▶ Clothes like knitwear can be over-drying sometimes. "Ironing" dry level are always recommended to choose
- ▶ For pre-dried, multi-layered garments or for final drying the time-programme (TIMER) should be chosen.

Load Reference	Composition	Average weight per item
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

### 9.3 Load clothes the appliance

- ▶ Loosen up and insert presorted laundry.
- ▶ Don't overload.
- ▶ Close the door carefully. Make sure that clothes are not pinched.

### 9.4 Take out and add clothes

To remove or add clothes, the program can be interrupted at any time:

- ▶ press the "Start / Pause" button, the cycle will be interrupted, open the door; Be careful when taking out or adding clothes! The Interior of the drum or the clothes itself may be hot, so that there is danger of burns .
- ▶ To continue the program, press the "Start/Pause" button after closing the door.



### CAUTION!

Non-textile, as well as small, loose or sharp-edged items may cause malfunctions and damage of clothes and appliance.



### WARNING!

Never turn the dryer off before the end of the drying cycle unless all items are quickly removed and spread out so that the heat can be released.

### 9.5 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 (Fig. 9-7).

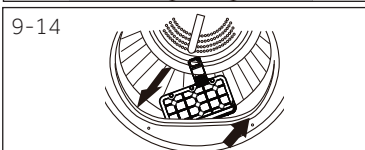
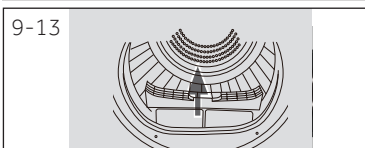
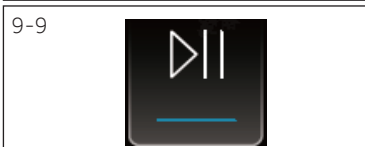
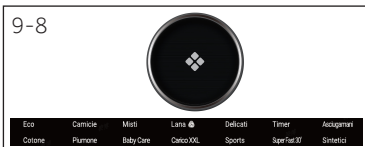


9-7



## Notice

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



### 9.6 Set program and start

1. Turn the program knob (Fig. 9-8) to select the desired program.
2. Set functions such as Temperature, Dry level, Delay. Afterwards press the Start/Pause button (Fig. 9-9) to start the dry cycle.

### 9.7 End of dry cycle

The tumble dryer stops operation automatically when a dry cycle is complete. The display shows END about 5S. Open the tumble dryer door and take out clothes. If clothes are not taken out, the wrinkle free function will start automatically and the screen shows 0:00 (This function is only available for some programs)

1. Switch off the tumble dryer by pressing the Power button (Fig. 9-10).
2. Unplug the tumble dryer from the power socket (Fig. 9-11).
3. Empty the water tank after each dry cycle (Fig. 9-12).
4. Clean the lint filter after each dry cycle (Fig. 9-13).
5. Clean the condenser filter after each dry cycle (Fig. 9-14).

## 9.8 Use dryer rack

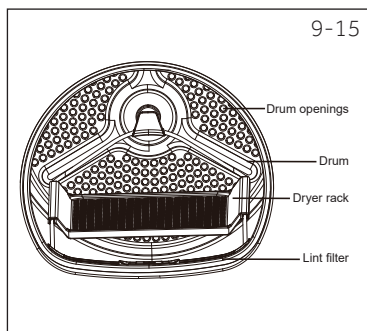
The dryer rack is designed for items which are not recommended for tumble drying such as trainers, sneakers, sweaters or delicate lingerie.

1. Open the dryer door.
2. Check that the drum is empty.
3. Put the dryer rack into the drum.
4. Make sure that the rack is inserted in the hole of the lint filter and locked in the hole of drum.



### Notice

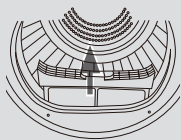
- Do not use this dryer rack when there are other clothes in the dryer.
- During drying, please make sure the items are placed on the rack with no risk of entangling the baffles while the drum is rotating.
- Maximum weight of wet items: 1.5 kg.



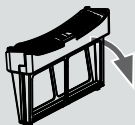
## Care chart

Washing					
	Washable up to 95°C normal process		Washable up to 60°C normal process		Washable up to 60°C mild process
	Washable up to 40°C normal process		Washable up to 40°C mild process		Washable up to 40°C very mild process
	Washable up to 30°C normal process		Washable up to 30°C mild process		Washable up to 30°C very mild process
	Wash by hand max. 40°C		Do not wash		
Bleaching					
	Any bleaching allowed		Only oxygen/ non -chlorine		Do not bleach
Drying					
	Tumble drying possible normal temperature		Tumble drying possible lower temperature		Do not tumble dry
	Line drying		Flat drying		
Ironing					
	Iron at a maximum temperature up to 200 °C		Iron at a medial temperature up to 150°C		Iron at a low temperature up to 110 °C; without steam (steam ironing may cause irreversible damage)
	Do not iron				

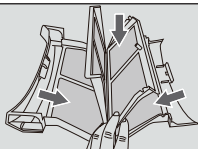
10-1



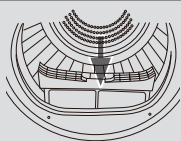
10-2



10-3



10-4

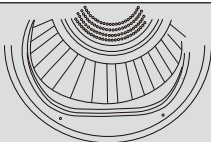


### 10.1 Lint filter cleaning

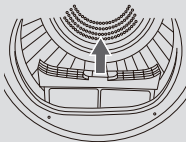
Clean the lint filter after each dry cycle.

1. Remove the lint filter from the drum (Fig. 10-1).
2. Open up the lint filter (Fig. 10-2).
3. Remove the lint residuals from lint filter (Fig. 10-3).
4. Reinstall the cleaned lint filter in the tumble dryer (Fig. 10-4).

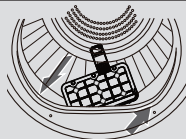
10-5



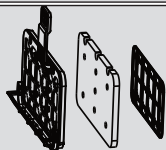
10-6



10-7



10-8



### 10.2 Condenser filter cleaning

Clean the filter after each dry cycle.

1. Open the door.
2. Pull out the lint filter from front duct (Fig. 10-6).
3. Pull out the condenser filter from the air duct (Fig. 10-7).
4. Separate the sponge and clean the filter the sponge and clean the filter screen form any residuals (Fig. 10-8).
5. Reinstall the sponge to the condenser filter and put it back into the duct.



## Notice

When cleaning the filters, the lint should be thrown in the garbage bin and not washed through the drain in order to avoid spreading microplastics in the used watersystem. For optimal drying performance, clean the filter regularly. A clogged filter can lead to longer drying cycles, which can increase energy consumption.

### 10.3 Empty the water tank

During operation, steam is condensed into water and collected in the water tank. Empty the water tank after each drying cycle.

1. Pull out the water tank from its housing (Fig. 10-9).
2. Empty the water tank (Fig. 10-10).
3. Reinstall the water tank to the tumble dryer (Fig. 10-11).



## Notice

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

### 10.4 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.

### 10.5 Drum

After running for a while, micro elements like calcium and mineral substances contained in the water will result in an invisible film formed inside 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.

Many problems can be solved by yourself without specific expertise. please check all shown possibilities and follow below instructions before you contact an after sales service. See CUSTOMER SERVICE.



## WARNING!

- ▶ Before maintenance, turn off the appliance and disconnect the mains plug from the socket.
- ▶ Electrical equipment should be serviced only by qualified electrical experts, because improper repairs can cause considerable consequential damages.
- ▶ A damaged power cable should only be replaced by the manufacturer, its service agent or similarly qualified workers in order to avoid a hazard.

## Troubleshooting with display code

Code	Cause	Solution
F2	Drain pump failure/ water level switch failure.	Contact the customer service.
F32	NTC2 is open or shrot	Contact the customer service.
F33	NTC3 is open or shrot	Contact the customer service.
F4	Abnormal heating	Contact the customer service.
FL0	The bus itself fails	Contact the customer service.
FL1	Motor communication failure	Contact the customer service.
FL2	The computer board communication failure	Contact the customer service.
F7	Motor malfunction	Contact the customer service.
FH	IoT configuration failure alarm	Contact the customer service.
FL2E	The communication of the dry module is abnormal	Contact the customer service.
FL6	The fan drive board is abnormal	Contact the customer service.
FE	The stand-alone fan is faulty and needs to be repaired	Contact the customer service.

If the error codes appear again after taking measures, switch off the appliance, disconnect the power supply and contact the customer service.

### Troubleshooting without display-codes

Problem	Possible cause	Possible solution
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 on the device.</li> <li>• Empty the water tank.</li> <li>• Close the door properly.</li> </ul>
Tumble dryer fails to operate and the display shows <b>End</b> .	<ul style="list-style-type: none"> <li>• The laundry has reached the dry level defined by the programme.</li> </ul>	<ul style="list-style-type: none"> <li>• Check the program setting is appropriate or not.</li> </ul>
Drying time is too long and the results are not satisfactory	<ul style="list-style-type: none"> <li>• The programme 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 completely before drying.</li> <li>• Check and clean the vent duct.</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>• Fabric of laundry.</li> <li>• Loading weight.</li> <li>• Moisture degree of the laundry.</li> <li>• Ambient temperature.</li> </ul>	<p>The automatic adjustment is a normal operation.</p>

**Notice: all installation relevant pictures can be found at the beginning of this manual.**

### 12.1 Preparation

► Remove all packages including the polystyrene base firstly. While removing the package, water drops may be observed. This is normal phenomenon results from water test in the factory.



#### Notice

Dispose of the package in an environmental friendly manner. For information referring to current disposal sites, consult your retailer or the local authorities.



#### WARNING!

After transportation and installation, you **MUST** leave the dryer to stand for two hours before use.

### 12.2 Transport and waiting time

Transport the appliance in horizontal position only. To the maintenance-free lubrication oil is located in the capsule of the compressor. This oil can get through the closed pipe system during slanting transport. Before connecting the appliance to the power supply you have to wait 2 hours so that the oil runs back into the capsule.

### 12.3 Place the appliance

The appliance should be placed on a flat and solid surface. Set the feet to the desired level(Fig. 12-1).

### 12.4 Installation under worktop

The dimensions of the recess should at least match with the dimensions(Fig. 12-2).

1. Put the appliance adjacent to the slot. Make sure that all connections are easily accessible and functional.
2. Adjust accurately all feet to get a firm level position.
3. Install the appliance prudently into the recess.
4. Make sure a sufficient ventilation.

### 12.5 Electrical connection

Before each connection check if:

- Power supply, socket and fusing are appropriate to the rating plate.
- The power socket is earthed and no multi-plug or extension.
- The power plug and socket are strictly match.
- **Only UK:** The UK plug meets BS1363A standard.

Put the plug into the socket(Fig. 12-3).



## WARNING!

If the supply cord is damaged, it must be replaced by the service agent (see warranty card) in order to avoid a hazard!

### 12.6 Reversing the door

- ▶ Before you start, unplug the dryer from the socket.
- ▶ Handle parts carefully to avoid scratching paint.
- ▶ Provide a non-scratching work surface for the doors.
- ▶ Tools you will need: Phillips-head screwdriver.
- ▶ Once you begin, do not move the cabinet until door reversal is completed.
- ▶ These instructions are for changing the hinges from the right side to the left side. If you want to switch them back to the right side, follow these same instructions and reverse all references from left to right.

#### 1. Remove the door assembly

Open the door. Remove the two screws holding the hinge/door assembly to the dryer. Carefully set the hinge/door assembly aside (Fig. 12-4).

#### 2. Remove, rotate and replace the inner door

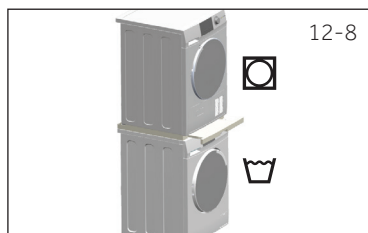
Remove the eight stickers and screws securing the inner door to the outer door. Dismantle the inner door, rotate it 180° and reinstall it into the outer door using the same eight screws and stickers (Fig. 12-5).

#### 3. Remove, rotate and replace the door lock & strike plate

Remove the two screws holding the strike plate, and then remove one screw of the door lock, push down and take out the lock, rotate 180° and install it on the opposite side using the same 3 screws and strikes (Fig. 12-6).

#### 4. Rotate and replace the hinge/door assembly

Rotate the hinge/door assembly and screw it on the dryer (Fig. 12-7).



### 12.7 Wash-dryer stack

It is possible to achieve a washer-dryer stack (Fig. 12-8). Not every washing machine is suitable for this purpose. Stacking information, as well as the corresponding mounting kit are available via your local dealer. The mounting instructions are supplied with the kit which thoroughly inform the installation steps.

### 12.8 Level the dryer

It is **IMPORTANT** to level the dryer to ensure the machine runs efficiently with minimal noise. The dryer should be levelled in as close to its final position as possible so it stands balanced evenly on all four feet. Ensure the dryer does not rock in any direction.



**Level the dryer side to side(Fig. 12-9):**

- Place the gradienter at the centre back of the dryer.
- Adjust the rear feet until the dryer is level side to side.
- Never fully screw the feet completely from their housings.

**Level the dryer front to back(Fig. 12-10):**

- Place the gradienter on the left side.
- Adjust the front left foot (wind down).
- Repeat the above for the right foot.

**Double check the dryer is balanced.**

- Place the gradienter at the centre front of the dryer.
- Ensure the dryer does not rock in any direction.
- If dryer is not balanced repeat the above steps.

After levelling, the corners of the dryer cabinet should be clear of the floor and the dryer must not rock in any direction.

**12.9 Draining**

The dryer is equipped with a condenser unit which accumulates water during the drying cycle. This water is collected in the removable water tank located at the top left of the dryer. The accumulated water must be emptied after each drying cycle or you can setup your dryer to drain automatically using the drain hose provided.

We recommend the dryer is set up to drain automatically where possible especially when drying full loads, this will avoid having to empty the water tank during a drying cycle.

**Connecting the drain hose**

- Remove the black hose from the connection at the back of the dryer(Fig. 12-11).
- Uncoil the drain hose (included with your dryer) and connect it to the black hose (Fig. 12-12).
- Place the other end of the drain hose into a tub or standpipe.

**13.Wool clothing washing and care**

The wool drying cycle of this machine has been tested and approved by The Wool-mark Company. The cycle is suitable to dry wool garments which are labelled "hand wash" provided that the garments are washed in a Woolmark endorsed hand washing cycle and dried according to the instructions issued by the manufacturer of this machine.M2443



## Productfiche (acc. to (EU) 2023/2534)

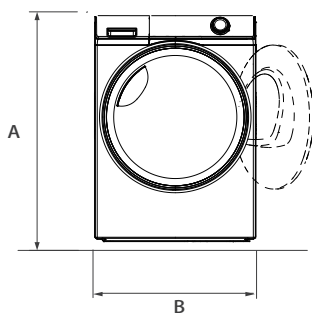
Trade mark	Haier	
Model identifier	HD90-CQ387U1 HD90-CQ387GU1	HD100-CQ387U1 HD100-CQ387GU1 HD100-CQ387BU1
Rated capacity for the eco programme(kg)	9	10
Kind of tumble drier	Condenser	
Energy efficiency class	C	C
Tumble dryer with or without automatic	with automatic	
Energy consumption of the Eco programme at full load (E <sub>dry</sub> ) (kWh/drying cycle)	1.68	1.82
Energy consumption of the Eco programme at partial load(E <sub>dry/2</sub> ) (kWh/drying cycle)	0.91	0.97
Weighted energy consumption of the Eco programme (E <sub>tc</sub> ) (kWh/drying cycle)	109	117
Weighted energy consumption of the Eco programme (SE <sub>c</sub> ) (kWh/drying cycle)	1.84	1.96
Energy Efficiency Index (EEL)	59.2	59.6
Power consumption in off-mode (W)	0.24	
Power consumption in standby mode (W)	0.24	
Does 'standby mode' include the display of information	Yes	
Power consumption in 'standby mode'in condition of networked standby (P <sub>nsn</sub> )(if applicable)	1.5	
Power consumption in delay start(W)	3.40	
Programme duration for the Eco programme at full load (h:min)	3:15	3:24
Programme duration for the Eco programme at partial load (h:min)	2:00	2:05
Weighted programme duration for the Eco programme(h:min)	3:06	3:06
Weighted condensation efficiency for the standard cotton programme <sup>3)</sup> at full and partial load (%)	91	91
Average condensation efficiency of the standard cotton programme <sup>3)</sup> at full load	91	91
Average condensation efficiency of the standard cotton programme <sup>3)</sup> at partial load	91	91
Acoustic airborne noise emission during the Eco programme. (dB)	60	

- 1) Based on 100 drying cycles of the standard Eco program at full and partial load, and the consumption of the low-power modes. Actual energy consumption per cycle will depend on how the appliance is used.
- 2) In case there is a power management system.
- 3) This program used at full and partial load is the standard drying program to which the information in the label and the fiche relates to. This is the program suitable for drying normal wet cotton laundry and it is the most efficient program in terms of energy consumption for cotton.
- 4) Class G is the least efficient and Class A is the most efficient.

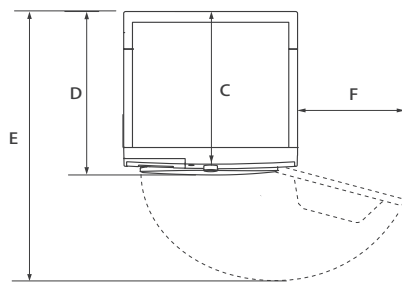
### Additional data

Power supply (refer to rating plate) - voltage / current / input	(220–240) V/50 Hz/ 2.6 A/ 600W
Permissible ambient temperature	5°C to 35°C
Refrigerant Volume	R290 150 g

### Product dimensions



FRONT VIEW



TOP VIEW

WALL

PRODUCT DIMENSIONS	
A Overall height of product mm	845
B Overall width of product mm	595
C Overall depth of product (To main control board size) mm	640
D Overall depth of product mm	680
E Depth of door open mm	1170
F Minimum door clearance to adjacent wall mm	188

Note: The exact height of your dryer is dependent on how far the feet are extended from the base of the machine. The space where you install your dryer needs to be at least 40mm wider and 20mm deeper than its dimensions.

## Note: Deviations

Due to constant updates of hOn, the functions and the display interface of the APP may differ from the following description.

### 14.1 General Information

This appliance is equipped with Wi-Fi technology for remote control via the hOn app.

## WARNING!

Follow the safety precautions indicated in this manual even when using the appliance through the app. Adhering to these instructions is essential for safe use.

### 14.2 Requirements

**1.Wi-Fi Network:** A router compatible with 802.11b/g/n and 2.4 GHz band is required. Networks operating at 5 GHz and public networks are not supported. The network name (SSID) must be between 1 and 31 characters, and the password between 8 and 64 characters. Encryption options include open, WPA-PSK, and WPA2-PSK.

**2.Compatible Devices:** The app is available for Android, iOS, and Huawei devices, on both tablets and smartphones.

**3.Positioning:** Install the appliance in an area with a strong Wi-Fi signal.

### Wi-Fi Technical Specifications:

Frequency: 2400 MHz - 2483.5 MHz

Max Power: 20 dBm

Standard: IEEE802.11b/g/n & E 4.2

### 14.3 Download and installation of the hOn APP:

1.Download the app by scanning the  below or visiting [go.haier-europe.com/download-app](http://go.haier-europe.com/download-app).



### Note: Registration

Creating a profile (sign up) is only required on first use or if the account has been deleted/disabled. For future uses, simply log in with your mail and password. Check the DEMO mode in the app to explore the Wi-Fi features.

### 14.4 Appliance Pairing

Note: The home network must be set to 2.4 GHz; networks operating at 5 GHz are not supported. Ensure your smartphone is connected to the same 2.4 GHz Wi-Fi network you want to use to configure the appliance.


1. Open the hOn app, create a new profile (or log in if you already have one).
2. Tap 'Add Appliance' and follow the on-screen instructions on your smartphone to complete the setup.

### 14.5 Remote Control activation

1. Ensure the router is powered on and connected to the Internet.
2. Load the laundry and close the door.
3. Turn on the appliance.

4. Short press the  button.

5. Start the cycle through the app. The control panel will be disabled, except for the POWER and START/PAUSE buttons. Only the child lock will be available during the program.

6. Remote control can also be activated during the cycle by short pressing the  button.


### Note: Remote Control Expiration

You can send a command from the app up to 24 hours after Remote Control is enabled.

### 14.6 Remote Control deactivation

1. During a cycle, you can deactivate Remote Control by short pressing the  button;

the cycle will continue. You can view the cycle status in the app but won't be able to send commands (e.g., stop/pause).

2. To resume remote control through the app, make sure the door is closed, then short press the  button again.


### 14.7 End of Cycle with Remote Control

1. At the end of the cycle, Remote Control is deactivated.
2. After 2 minutes, the appliance will automatically power off.

### 14.8 Turning Off Wi-Fi Module and Clearing Network Credentials

To delete the saved Wi-Fi network information and turn off the Wi-Fi module:

1. Power on the appliance.

2. Without starting any cycle, press and hold the  button for 5 seconds until "rEst" appears.

3. Press and hold the  button for another 5 seconds until "donE" appears.

4. The configuration information will be deleted. Select a program or turn off the appliance to exit.

5. To reconfigure, remove the appliance from the hOn app and start a new pairing procedure.

Note: Use this procedure only if you intend to sell the appliance.

We recommend our Haier Customer Service and the use of original spare parts.  
If you have a problem with your appliance, please first check section TROUBLESHOOTING.

If you cannot find a solution there, please contact:

- ▶ Your local dealer or
- ▶ The Service & Support area at [www.haier.com](http://www.haier.com) where you can find telephone numbers and FAQs and where you can activate the service claim.

To contact our Service, ensure that you have the following data available.  
The information can be found on the rating plate.

Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Also check the Warranty Card supplied with the product in case of warranty.

For general business enquiries please find below our addresses in Europe:

European Haier addresses			
Country*	Postal address	Country*	Postal address
<b>Italy</b>	Haier Europe Trading SRL Via De Cristoforis, 12 21100 Verese ITALY	<b>France</b>	Haier France SAS 53 Boulevard Ornano – Pleyad 3 93200 Saint Denis FRANCE
<b>Spain Portugal</b>	Haier Iberia SL Pg. Garcia Faria, 49-51 08019 Barcelona SPAIN	<b>Belgium-FR Belgium-NL Netherlands Luxembourg</b>	Haier Benelux SA Anderlecht Route de Lennik 451 BELGIUM
<b>Germany Austria</b>	Haier Deutschland GmbH Konrad-Zuse-Platz 6 81829 München GERMANY	<b>Poland Hungary Greece Romania Russia</b>	Haier Poland Sp. zo.o. Al. Jerozolimskie 181B 02-222 Warszawa POLAND
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