Haier

User Manual   HD90-A636-F

HD90-A636

Heat Pump Dryer

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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.
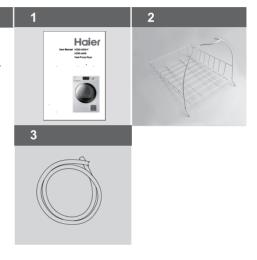
 Read the instructions.

 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
3 Drainpipe

1	2

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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.

- 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. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

- Children under 3 years of age must be kept away from the tumble dryer unless they are constantly supervised.

- 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 Nominal load.
- 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 drycleaning 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.

[i] **Notice**

This appliance contains the fluorinated greenhouse gas HFC-134a (GWP:1430). This gas is hermetically sealed.

UNPACKING	1	2

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.

INSTALLATION	1	2

Warning: Following transportation and installation, you MUST leave the dryer to stand for two hours before use.

1 Check the dryer does not rock or wobble.Adjust the four feet to level the dryer before operation.
2 Make sure the socket meets the requirements and connect it to an earthed socket outlet.

• Do not install in a room which is susceptible to frost. Water may cause damage once it starts to freeze.
• Transport the dryer in a vertical upright position.
• There may be residual water in the dryer.
  This can leak out if the dryer is at an angle.

TECHNICAL DATA

Power	220 - 240 V~ / 50 Hz
Nominal load (kg)	9
Max. power (W)	550
Fuse (A)	min. 10
Ambient temperature (°C)	5 - 35
Dimensions (H x D x W mm)	845 x 650 x 595
Net weight (kg)	approx. 49
Water protection level	IPX4
Fluorinated greenhouse gas	HFC-134a
Volume	0.42kg
GWP	1430
Tonne(s) of CO_2 equivalent	0.6

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

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.
The heat exchanger of the dryer contains the greenhouse gas HFC-134a. This must be disposed of properly.
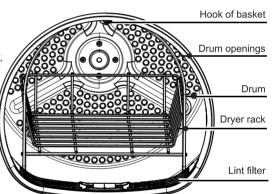
USING THE DRYER RACK

DRYER RACK

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

TO USE THE DRYER RACK

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

Hook of basket

Drum openings

Drum

Dryer rack

Lint filter

PLEASE NOTE

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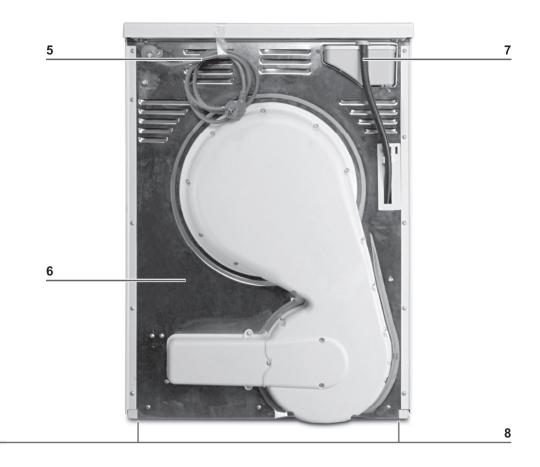
The pictures may differ from the appliance you have purchased due to technical improvements.

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1 Water tank   **3** Service door
2 Tumble dryer door   **4** Control panel

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5 Power supply cord   **7** Drainage outlet
6 Back plate   **8** Adjustable feet

1	⬚ **Clean filter indicator**	Filters must be cleaned regularly. See **Lint Filter Cleaning** or **Condenser Filter Cleaning** section of the manual. **Note: After each cycle, indicator will flash to remind cleaning the filters.**
2	▱ **Empty tank indicator**	Water tank must be emptied. **Important: Empty the water tank after each drying cycle.** See **Empty the water tank** section of the manual.
3	⬡ **Child-lock indicator**	To activate the Child-lock function after a cycle has been started, press the **Temp & Delay** buttons for 3 sec. until the indicator icon lights up. To deactivate press both buttons for 3 sec. again. **Note: When the cycle ends or the power supply is interrupted, the function will not be cancelled automatically.**
4	**Display**	The display shows the remaining time, the delay time and other related information. **Note: The remaining time is a default value, this time will be re-calculated depending on additional program settings and the moisture content of the laundry.**

AUTO load detection system	When the programme starts, after a few minutes the display will show AUto. This means the automatic load detection is in progress. Sensors are detecting and estimating the selected programme time to finish. Depending on the programme selected, load quantity, humidity and ambient temperature, the AUTO load detection phase can last a few minutes for small load, or up to hour for the maximum load or large items, before displaying the approximate programme time remaining to finish the programme.
5 **Program knob**	Select one of the 16 programs using the knob. The indictor of the respective program lights up. See **Program Modes** section of the manual for further information.
6 ⏻ **Power button**	Press **Power** button to switch on/off the tumble dryer.
7 **Temp button**	Press the button to set the drying temperature for some programs. 🌡⁺⁺ High temperature. 🌡⁺ Middle temperature. 🌡 Low temperature. ❊ Cool air.
8 **Dry level button**	Press the button to set the final moisture content of the laundry at the end of cycle. ☼ Extra dry. ⌒ Ready to store. ⌂ Ready to iron.
9 **Delay button**	Delay function for delay start, press the button to set time (in 1 intervals up to 19 hours). The appliance shoule be finished in, afterwards press ▶‖ to start the delayed operation.

	Note: This function should be set after you have finished all the options, otherwise when you turn the knob or press the button, the function will be delected automatically.
10 Time± button	Turn the knob to select the Timer program, then the light of **Time±** is on. Press the button to add or substract the time.The default time is 30min, the shortest time is 10 min and the longest time is 150min.
11 Ⓜ emo	Press the button for 2 sec to memory the cycle you want, at the same time the indicator light will be on. The next time, when you want to use the stored cycle you just only press the Ⓜ **emo** button. The light is on and the stored cycle is activated. **Note: The " Delay function " can not be memoried.**
12 ▶❚❚ Start/Pause button	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.
Signal	You can choose signal as you need. To active the signal function after switching on the dryer, press **Timer±** and Ⓜ **emo** for about 3 seconds until the beep sounds.To deactivate press both buttons for 3 seconds again until the beep sounds.
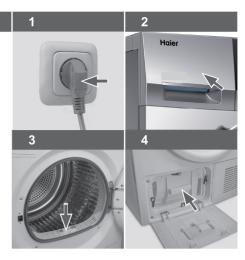
	PROGRAM	DRYING DEGREE	RECOMMENDED LAUNDRY	MAX. LOAD
COTTON / LINEN	**Extra Dry**	Extra dry	Heavy cotton	9 kg
	Ready to Store *)	Ready to store	Cotton, coats	9 kg
	Ready to Iron	Damp	Ordinary cotton	9 kg
SYNTHETICS	**Extra Dry**	Extra dry	Heavy synthetic	4.5 kg
	Ready to Store	Ready to store	Ordinary synthetic	4.5 kg
	Ready to Iron	Damp	Ordinary synthetic	4.5 kg
SPECIAL	**Shirt **)**	Ready to store	Shirts	3 kg
	Towel **)	Extra dry	Towels	4 kg
	Jeans	Extra dry	Jeans	3 kg
	Timer	/	Heavy fabrics, need further drying	4 kg
	Refresh	/	Microfiber fabrics	3 kg
	Mix	Ready to store	Heavy fabrics, need further drying	4 kg
	Bedding **)	Ready to store	Sheets	4 kg
	Sport	Ready to store	Sportswear	3 kg
	Underwear	Ready to store	Underwear	3 kg
	Baby Garment	Ready to store	Baby clothing	4 kg

*)   EN 61121 test program setting.

**) These programs have reversing function specially for big load.
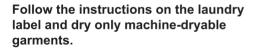
PREPARING THE DRYER

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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.

PREPARING THE LAUNDRY

1	2

1 Sort clothes according to fabric (cotton, synthetics, wool etc.). Only dry lanuary 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.

Follow the instructions on the laundry label and dry only machine-dryable garments.

– 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	2

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	△cl	Bleachable in cold water	⊗	Do not dry clean
⊻	Delicate fabric	⊠	Do not bleach	⊟	Dry flat
95 95	Washable at 95 °C	🔥	Iron at 200 °C	▥	Hang to dry
60 60	Washable at 60 °C	🔥	Iron at 150 °C	⊓	Dry on clothes hanger
40 40	Washable at 40 °C	🔥	Iron at 100 °C	⊙	Tumble dry (normal heat)
30 30	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 (pericloride)		
🌀	Wool seal	Ⓕ	Dry cleaning (aviation fuel)		

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 | 2

1 Turn the program knob to select the desired program.

2 Set functions such as Temperature, Dry level, Delay. 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.
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 after each dry cycle.

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EMPTY THE WATER TANK

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

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LINT FILTER CLEANING	**1**	**2**
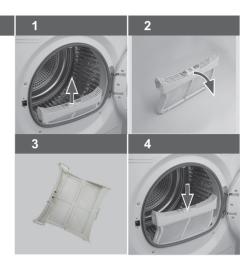
Clean the lint filter after each dry cycle.

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

| | **3** | **4** |

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

CONDENSER FILTER CLEANING	**1**	**2**
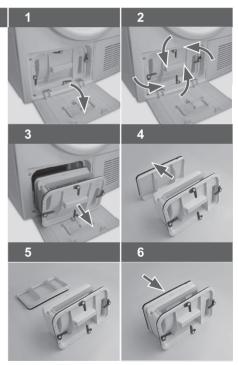
Clean the condenser filter after each dry cycle.

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 form any residuals.
6 Reinstall the rear filter to the condenser filter.

| | **3** | **4** |

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.

| | **5** | **6** |

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 in the fabric and the size of the load.

CONSUMPTION TABLE

	Program	Spin Speed in rpm (Residual Moisture)	Energy	DRYING TIME
COTTON / LINEN	**Extra Dry**	1000 (approx. 60 %)	2.34kwh	4:40h
	Ready to Store	1000 (approx. 60 %)	1.98kwh	4:29h
	Ready to Iron	1000 (approx. 60 %)	1.62kwh	3:18h

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.
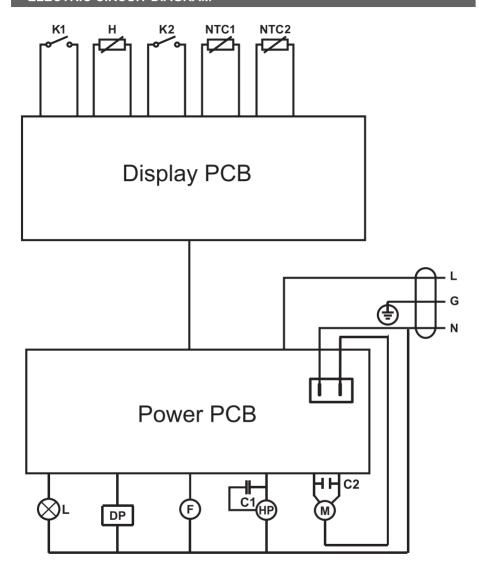
ERROR CODES

CODE	CAUSE	SOLUTION
F2	Drain pump error.	Contact the customer service.
F31, F32	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.
F5	Communication failure between PCB and display.	Contact the customer service.
E6	The filters is clogged.	Clean both filters.
Lo	Temperature is too low.	Use the dryer when air temperature is higher than 5 ℃.

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

PROBLEM	CAUSES	SOLUTION
Tumble dryer fails to operate.	– Poor connection to the power supply. – Power failure. – No drying program is set. – Device has not been switched on. – The water tank is full. – The door is not closed properly.	· Check connection to the power supply. · Check the power supply. · Set a drying program. · Switch the device on. · Empty the water tank. · Close the door properly.
Tumble dryer fails to operate and the display shows END.	– The laundry has reached the condition defined by the program. – There is no laundry in the drum.	· Check if the program setting is appropriate. · Check if there is laundry in the drum.
Drying time is too long and the results are not satisfactory.	– The program setting is not correct. – The filter is clogged. – The evaporator is blocked. – The tumble dryer is overloaded. – The laundry is too wet. – The vent duct is blocked.	· Make sure the program is set correctly. · Clean the filter screen. · Clean the evaporator. · Reduce the amount of laundry. · Spin the laundry properly before drying. · Check the vent duct and unblock it.
Remaining time on the display stops or skips.	The remaining time will be adjusted continuously based upon the following factors: – Type of laundy. – Loaded amount. – Moisture degree of the laundry. – Ambient temperature.	The automatic adjustment is a normal operation.

K1	Door switch	DP	Drainage pump
H	Humidity sensor	F	Fan motor
K2	Water level switch	HP	Heat pump
NTC1	Temperature sensor	C1	Capacitor 10uf
NTC2	Temperature sensor	M	Motor
L	Lamp	C2	Capacitor 8uf

http://www.haier.com/uk

Product fiche (according EU 392/2012)

Trade mark	Haier
Mode No.	HD90-A636-F / HD90-A636
Rated capacity (kg)	9
Type	Condensing
Energy efficiency class	A++
Energy consumption per year (kWh / annum) [1]	236
Automatic or non-automatic	Automatic
Energy consumption (full load)(kWh/cycle)	1.98
Energy consumption (partial load)(kWh/cycle)	1.17
Power in off-mode (W)	0.1
Power in left-on mode (W)	1.19
Duration of the "left-on mode" (min) [2]	40
Standard cotton programme [3]	Cotton/ ⬚ Ready to store
Weighted programme time (full and partial load)(min)	208
Programme time (full load)(min)	269
Programme time (partial load)(min)	162
Condensation efficiency class [4]	B
Weighted condensation efficiency (%)	80
Condensation efficiency (full load)(%)	80
Condensation efficiency (partial load)(%)	80
Sound power lever (dB)	67
Built-in or freestanding	Freestanding
1) Based on 160 drying cycles of the standard cotton programme 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) Standard cotton programme used at full and partial load is the standard programme to which the information in the label and the fiche relates, that this programme is suitable for drying normal wet cotton laundry and that is the most efficient programme in terms of energy consumption for cotton.	
4) Class G is the least efficient and Class A is the most efficient.	

CUSTOMER SERVICE

If you have a problem with your appliance, first see the **Troubleshooting** section of the manual. If you cannot find a solution there, please contact your local dealer or try one of the following numbers.
Before contacting the customer service, ensure that you have the following data available. The data can be found on the rating plate:

MODEL _____

SERIAL NUMBER _____

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

COUNTRY	PHONE NUMBER	COSTS
Haier Italy (IT)	199-100 912	
Haier Spain (ES & PT)	902 509 123	
Haier Germany (DE)	0180 5 39 39 99*	* 14 Ct/Min Landline / max. 42 Ct/Min Mobile
Haier Austria (AT)	0820 001 205*	* 14,53 Ct/Min Landline / max. 20 Ct/Min all others
Haier United Kingdom (UK)	0845 025 30 25	
Haier France (FR)	0980 406 409	
HAIER Benelux (NL) **HAIER Benelux (VL)** **HAIER Benelux (FR)** **HAIER Benelux (LUX)**	070 891 25 67 02 808 41 31 02 808 41 32 0220 880 325	

For other countries please refer to the service and support area of:
www.haier.com.