



**INSTRUCTION BOOK** 

**DYC 8913B** 

**Condenser Tumble Dryer** 

English

6





# **INDEX**

Introduction	3
Delivery Information	3 3 3 4
Unpacking the Product	3
Safety Reminders	3
Use	3
Installation	
The Laundry	4
Environmental Issues	4
Gias Service	4
Installation	5
Electrical Requirements	5
Adjusting the Feet	5
Ventilation	5
<b>Drain Hose : Fitting Instructions</b>	6
Preparing the Load	7
Clothes Preparation	7
Do Not Tumble Dry	7
Energy Saving	7
Sorting the Load	7
Drying Guide	7
Controls and Indicators	8
Selecting the Programme	9
Door and Filter	10
Opening the Door	10
Filter	10
Filter Care Indicator	10
Water Container	10
To Remove the Container	10
Condenser	11
To Remove the Condenser	11
Operation	11
Delay Start Function	12
Cancelling and Resetting the Programme	12
Cleaning and Routine Maintenance	12
Cleaning the Dryer	12
Technical Specifications	12
Troubleshooting	13
Customer Service	13
Spares	13
Gias Service	13
Your Guarantee	14

# INTRODUCTION

Please read and follow these instructions carefully and operate the machine accordingly. This booklet provides important guidelines for safe use, installation, maintenance and some useful advice for best results when using your machine.

Keep all documentation in a safe place for future reference or for any future owners.

## **Delivery Information**

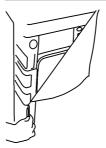
Please check that the following items are delivered with the appliance:

- Instruction manual
- Guarantee card
- Energy label

Check that no damage has occurred to the machine during transit. If it has, call for service by GIAS.

A Failure to comply with the above can compromise the safety of the appliance. You may be charged for a service call if a problem with your machine is caused by misuse.

## **UNPACKING THE PRODUCT**



Remove the machine from its packaging close to the final location of the machine.

- 1- Cut carefully around the base of the packaging and up one corner.
- 2- Remove the polythene sleeve and lift the dryer off the polystyrene base.

Dispose of the packaging safely. Make sure it is out of the reach of children, it is a potential source of danger.

### **SAFETY REMINDERS**

### Use

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- WARNING Misuse of a tumble dryer may create a fire hazard.
- This machine is solely for domestic use, i.e. to dry household textiles and garments.
- This machine should only be used for its intended purpose as described in this manual. Ensure that the instructions for installation and use are fully understood before operating the appliance.
- Do not touch the appliance when hands or feet are damp or wet.
- Do not lean on the door when loading the machine or use the door to lift or move the machine.
- •Do not allow children to play with the machine or its controls.
- WARNING Do not use the product if the fluff filter is not in position or is damaged; fluff could be ignited.
- WARNING Where the hot surface symbol is located the temperature rise during operation of the tumble dryer may be in excess of 60 degrees C.
- Remove the plug from the electricity supply. Always remove the plug before cleaning the appliance.
- Do not continue to use this machine if it appears to be faulty.
- Lint and fluff must not be allowed to collect on the floor around the outside of the machine.
- The drum inside may be very hot. Always allow the dryer to complete the cool down period before removing the laundry.

# SAFETY REMINDERS

### Installation

- Check that the product has no visible signs of damage before use. If damaged do not use and please call GIAS Service.
- Do not use adapters, multiple connectors and/or extensions.
- Never install the dryer against curtains and be sure to prevent items from falling or collecting behind the dryer.
- The appliance must not be installed behind a lockable door, a sliding door or a door with a hinge on the opposite side to that of the tumble dryer.

### The Laundry

- Do not dry unwashed items in the tumble dryer.
- WARNING Do not tumble dry fabrics treated with dry cleaning fluids.
- WARNING Foam rubber materials can, under certain circumstances, when heated become ignited by spontaneous combustion. Items such as foam rubber (latex foam), shower caps, waterproof textiles, rubber backed articles and clothes or pillows fitted with foam rubber pads MUST NOT be dried in the tumble dryer.
- Always refer to the laundry care labels for directions on suitability for drying.
- Clothes should be spin dried or thoroughly wrung before they are put into the tumble dryer. Clothes that are dripping wet should not be put into the dryer.
- Lighters and matches must not be left in pockets and NEVER use flammable liquids near the machine.
- Glass fibre curtains should NEVER be put in this machine. Skin irritation may occur if other garments are contaminated with the glass fibres
- 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.
- Fabric softeners, or similar products, should be used as specified by the fabric softener instructions.

### **Environmental Issues**

- All packaging materials used are environmentally-friendly and recyclable. Please help dispose of the packaging via environmentally-friendly means. Your local council will be able to give you details of current means of disposal.
- 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.

### **European Directive 2002/96/EC**

This appliance is marked according to the European directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE).



By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

The symbol on the product indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.

For more detailed information about treatment, recovery and recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product. Disposal must be carried out in accordance with local environmental regulations for waste disposal.

### **GIAS Service**

• To ensure the continued safe and efficient operation of this appliance we recommend that any servicing or repairs are only carried out by an authorised GIAS service engineer.

If the appliance is not running properly or breaks down, switch it off and disconnect the plug from the socket. Consult GIAS Service for possible repair.

# INSTALLATION

# **Electrical Requirements**

Tumble dryers are supplied to operate at a voltage of 230V, 50 Hz single phase. Check that the supply circuit is rated to at least 13A

Electricity can be extremely dangerous.

This appliance must be earthed.

The socket outlet and the plug on the appliance must be of the same type.

Do not use multiple adapters and/or extension leads.

The plug should be accessible for disconnection after the appliance has been installed.

The wires in the mains lead are coloured in accordance with the following codes:

Blue Brown Green and Yellow NEUTRAL LIVE EARTH

CE Appliance complies with European Directive 89/336/EEC, 73/23/EEC and subsequent amendments.

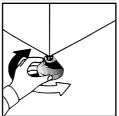
You may be charged for a service call if a problem with your machine is caused by incorrect installation.

If the mains cord on this appliance is damaged, it must be replaced by a special cord which is ONLY obtainable from the spares service. It must be installed by a competent person.

Do not plug the machine in and switch it on at the mains until the installation is completed. For your safety, this dryer must be correctly installed. If there is any doubt about installation, call GIAS Service for advice.

# **Adjusting the Feet**

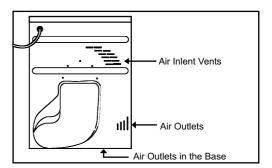
Once the machine is in place the feet should be adjusted to ensure that the machine is level.



### VENTILATION

Adequate ventilation must be provided in the room where the tumble dryer is located to prevent gases from appliances burning other fuels, including open fires, being drawn into the room during operation of the tumble dryer.

- Exhaust air must not be discharged into a flue which is used for exhausting fumes from appliances burning gas or other fuels.
- Check regularly that the air flowing through the dryer is not restricted.
- Check the fluff filter after use, and clean, if necessary.
- The inlet and outlets should be kept free from obstructions. To ensure adequate ventilation the space between the bottom of the machine and the floor must not be obstructed. There should be a gap of at least 12mm between the machine and any obstructions.
- Prevent items from falling or collecting behind the dryer as these may obstruct the air inlet and outlet.
- NEVER install the dryer up against curtains.



Do not install the product in a room where there is a risk of frost occurring. At temperature around freezing point the product may not be able to operate properly: there is a risk of damage if the water is allowed to freeze in the hydraulic circuit (valves, hoses, pumps).

For a better product performance the ambient room temperature must be between +2°C and +35°C.

# DRAIN HOSE: FITTING INSTRUCTIONS

To avoid emptying the water container after each drying cycle, the water can be discharged directly to a waste water drain pipe (the same drainage system as household sinks). Water Bye-Laws prohibit connection to a surface water drain. The waste water drain pipe should be located adjacent to the tumble dryer.

The kit consists of: 1 hose and 1 tap.

NARNING! Switch off and remove the tumble dryer plug from the electricity supply before carrying out any work.

### Fit the Hose as Follows:

- 1. Tilt the machine backwards.
- 2. Remove the bottom protector panel, by pulling carefully to the left side
- 3. The waste water pipe is situated at the right-hand side of the machine (see the picture). A grey hose connects to the bridge at the left hand side of the machine. Using pliers, remove the pipe retaining clip from the bridge.
- 4. Pull the hose off the bridge connection.
- 5. Attach the black hose from the kit. (using the connector and pipe clips supplied), to the hose removed from the bridge connection.

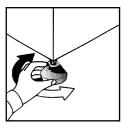






- 6. Place the tap supplied by the kit to close the remaina hose
- 7. Feed the drain hose through the hole in the bottom protector panel.
- 8. Carefully slide the bottom protector panel back into position ensuring that the hose is not trapped.
- 9. Once the machine is in place the feet should be adjusted to ensure that the new hose does not kink when pushing the tumble dryer into position.
- 10. Connect the new drain hose to the waste Water pipe.
- 11. Connect to the mains electricity supply.









# PREPARING THE LOAD

Before using the tumble dryer for the first time:

- Please read this instruction book thoroughly.
- Remove all items packed inside drum.
- Wipe the inside of the drum and door with a damp cloth to remove any dust which may have settled in transit.

## **Clothes Preparation**

Make sure that the laundry you are going to dry is suitable for drying in a tumble dryer, as shown by the care symbols on each item.

Check that all fastenings are closed and that pockets are empty. Turn the articles inside out. Place clothes loosely in the drum to make sure that they don't get tangled.

## **Do Not Tumble Dry:**

Woollens, silk, delicate fabrics, nylon stockings, delicate embroidery, fabrics with metallic decorations, garments with PVC or leather trimmings, training shoes, bulky items such as sleeping bags, etc.

IMPORTANT: Do not dry articles which have been treated with a dry cleaning fluid or rubber clothes (danger of fire or explosion).

During the last 15 minutes (roughly) the load is always tumbled in cool air

# **Energy Saving**

Only put into the tumble dryer laundry which has been thoroughly wrung or spin-dried. The drier the laundry the shorter the drying time thus saving electricity.

### **ALWAYS**

- Try to dry the maximum weight of laundry, this will save time and electricity.
- Check that the filter is clean before every drying cycle.

### **NEVER**

- Exceed the maximum weight, this will waste time and electricity.
- Put dripping wet items into the tumble dryer, this may damage the appliance.

# **Maximum Drying Weight**

CottonsMax. 9 kgSyntheticsMax. 4 kg

Do not overload the drum, large items when wet can exceed the maximum admissible clothes load (for example: sleeping bags, duvets).

### Sort the Load as Follows

### By care symbols

These can be found on the collar or inside seam:

Suitable for tumble drying.

Tumble drying at high temperature.

Tumble drying at low temperature only.

Do not tumble dry.

If the item does not have a care label it must be assumed that it is not suitable for tumble drying.

## By amount and thickness

Whenever the load is bigger than the dryer capacity, separate clothes according to thickness (e.g. towels from thin underwear).

# By type of fabric

**Cottons/linen:** Towels, cotton jersey, bed and table linen.

**Synthetics:** Blouses, shirts, overalls, etc. made of polyester or polyamid, as well as for cotton/synthetic mixes.

# By drying level

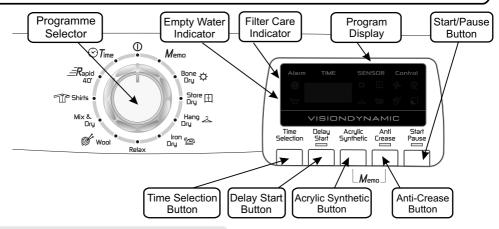
Sort into: iron dry, cupboard dry, etc. For delicate articles press the **Acrylic Synthetic** button to select low drying temperature.

## **Drying Guide**

The table shows approximate drying times, depending on the type of fabric and dampness of the clothes.

FABRIC	HEAT SETTING	HEAVY LOAD	MEDIUM LOAD	LIGHT LOAD
COTTON	HIGH	140-165min	70-80min	50-65min
SYNTHETICS	LOW	-	70-80min	40-55min
ACRYLIC	LOW		50-65min	30-40min

# **CONTROLS AND INDICATORS**



## **Control Panel and Indicator Lights**

Programme Selector - Select the required programme

**Time Selection Button** – Allows the user to change duration of the programme selected by Programme Selector. It can be used only with the selection of: Mix&Dry, Shirts and Time Programmes

**Delay Start Button** – Allows the user to delay the start of the drying cycle (see details of Operation)

**Acrylic and Synthetic Button** – When pressed the  $\ \Box$  default indicator will fade and  $\ \mathscr{D}$  will be illuminated

**Anti-Crease Button** – Allows the user to select a post drying anti-crease cycle.

**Start/Pause Button** – Press to commence/ to pause the selected drying programme.

**Memo Button** – Allows user to record the programme by pressing simultaneously the Anti-Crease and the Acrylic Synthetic buttons for 3 seconds, after 2 minutes duration of the chosen programme/option

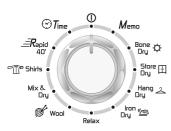
Empty Water indicator '- lights when the water container is full

**Program Display** – Related indicator lights when a auto programme has been selected.

🏗 - Indicator will come on when the eco programme has been selected.

**Refresh** ♣ - The indicator lights up when the programme starts the cool down stage.

### **SELECTING THE PROGRAMME**



The Sensor Dry machine gives many options for drying the laundry to suit all circumstances. The table on the next page lists the programmes and the function of each programme.

#### Note:

The sensor may not detect a small load of small articles. For small loads and separate items or pre-dried fabrics with low moisture content, use the timed programmes.

If the sensor does not detect the item the dryer will only operate for 10 minutes before going into cooldown.

If the load is too large or too wet to tumble dry the dryer will automatically go into cooldown after approximately 3 hours.

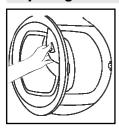
In these cases we advise to use a time cycles between 30 and 75minutes depending on the load size and dryness required, and select high or low heat depending upon the fabric type.

# **SELECTING THE PROGRAMME**

PROGRAMME	DESCRIPTION
Bone Dry   Store Dry   Hang Dry   Iron Dry    □	Select the degree of dryness that you require. This range from for bath towels and bathrobes, through if for items that will be put away without ironing, to the programme that leaves the laundry suitable for ironing.
Relax	The programme provides a conditioning and anticrease function. The dryer will heat the load for 9 minutes followed by a 3 minute cool down period and is especially good for garments which may have been left for some time prior to ironing, in a linen basket for example. Garments may also become stiffened when dried outside on a washing line or inside on radiators.  This programme relaxes the creases in the fabric making ironing quicker and easier.
Wool Finish &	A gentle programme specially created to get woollens softer after air-drying. This delicate warm air cycle, lasting 12 minutes, can also be used to get woollens 'refreshed' after being stored in the wardrobe.
Mix & Dry	This is a special timed program for a maximum load of 4kg (117 min). The default duration is 99 minutes and allows to dry up to 3kg. With this program you can dry together cotton and synthetic fabrics.
Shirts Tr	This is a special timed program for shirts of max load of 3kg (78 minutes). For synthetic shirts you have to press the Acrylic Synthetic button. The default duration is 60 minutes and allows to dry up to 2kg.
Rapid 40'	The Rapid 40' programme allows a drying cycle to be completed quickly. This is an ideal programme for having dry, refreshed and ready-to-wear clothes in less than 40'. This special programme constantly monitors the temperature in the drum. The maximum load is 2 kg and the programme is suitable for all types of fabrics where tumble drying is appropriate.
Time 😌	Time selection includes all the manual time programs: from 30 minutes to 180 minutes. The 20 minutes selection time in only cool air ventilation (Refresh)
Memo	Memo Program allows to re-perform a program that the user has saved before, without selecting the correct sequence of program selector positions and option buttons for that particular program.

# **DOOR and FILTER**

## **Opening the Door**



Pull on handle to open the door.

To restart the dryer, close the door and press Start/Pause Button.

WARNING! When the tumble dryer is in use the drum and door may be VERY HOT. 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.

### **Filter**

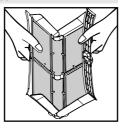
**IMPORTANT:** To maintain the efficiency of the dryer check that the fluff filter is clean before each drying cycle.

- 1. Pull the filter upwards.
- 2. Open filter as shown.
- 3. Gently remove lint using a soft brush or your fingertips.
- 4. Snap the filter together and push back into place.

### Filter Care Indicator

Lights when the filter needs cleaning.

If the laundry is not drying check that the filter is not clogged.



⚠ DO NOT USE WATER TO CLEAN THE FILTER.

### **WATER CONTAINER**

The water removed from the laundry during the drying cycle is collected in a container inside the door of the dryer. When the container is full the indicator on the control panel will light, and the container MUST be emptied. However, we recommend that the container is emptied after each drying cycle.

**NOTE:** Very little water will collect during the first few cycles of a new machine as an internal reservoir is filled first.

### To Remove the Container

1. Gently pull out the water container holding the handle.

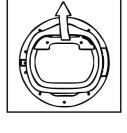
When it is full the water container will weigh about 6 kg.

2. Tilt the water container to empty the water out through the spout.

When empty, replace the water container back as shown; first insert the base of the container into position as shown then gentle push the top into position.

3. Press Start/Pause Button to restart the cycle.

NOTE: If you have the option of drainage near to the dryer you can use the discharge kit to provide a permanent drainage for the water collected in the container of the dryer. This means that you don't have to empty the water container.







WARNING! If you open the door mid cycle, before the cool-down cycle has completed, the handle may be hot. Please use extreme caution when attempting to empty the water reservoir during the cycle.

# CONDENSER

Important: Always switch off and remove the plug from the electricity supply before cleaning the condenser

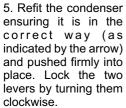
To maintain the efficiency of the dryer regularly check that the condenser is clean.

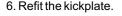
### To Remove the Condenser

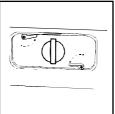
- 1. Remove the kickplate.
- 2. Turn the two locking levers anti-clockwise and pull out the condenser.

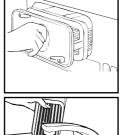


- 3. Pull out the condenser unit.
- 4. Gently remove any dust or fluff with a cloth. then wash the unit by holding it under a running tap turning it so that water flows between the plates, to remove any dust or fluff.











# **OPERATION**

- 1. Open the door and load the drum with laundry. Ensure that garments do not hinder closure of the door.
- 2. Gently close the door pushing it slowly until vou hear the door 'click' shut.
- 3. Turn the Programme Selector dial to select the required drying programme (see Programme Guide).
- 4. If drying synthetics, acrylics or delicate items, press the Acrylic Synthetic button to reduce the heat level.

The indicator will light up when the machine is in low heat setting. To deselect in the first few minutes of the programme, press the Acrylic Synthetic button, after this time reset the machine to change the setting.

- Press the Start/Pause button. The drver will start automatically and the indicator above the button will be continuously lit.
- 6. If the door is opened during the programme to check the laundry, it is necessary to press Start/Pause button to recommence drying after the door has been closed.
- 7. When the cycle is nearing completion the machine will enter the cool down phase, the clothes will be tumbled in cool air allowing the load to cool down.
- 8. Following the completion of the cycle the drum will rotate intermittently to minimize creasing. This will continue until the machine is switched OFF or the door is opened.

Do not open the door during the automatic programs in order to obtain a proper drying.

# **OPERATION**

## **Delay Start Function**

The Delay Start Function allows the user to delay the start of the drying cycle by 1 to 24 hours.

When the function is first selected the display will show a delay of 1 hour, subsequent presses of the button will increase the delay with 1 hour steps.

To commence the programme press Start/Pause button and the appliance will complete the drying cycle at the end of this time. The indicator light will flash to indicate that the start delay is in progress.

## **Cancelling and Resetting the Programme**

To cancel a programme press the Start/Pause button for 3 seconds. In the TIME CONTROL display 0:00 Light will flash to indicate that it has been reset.

## **CLEANING AND ROUTINE MAINTENANCE**

## **Cleaning the Dryer**

- Clean the filter and empty the water container after every drying cycle.
- Regularly clean the condenser.
- After each period of use, wipe the inside of the drum and leave the door open for a while to allow circulation of air to dry it.
- Wipe the outside of the machine and the door with a soft cloth.
- DO NOT use abrasive pads or cleaning agents.
- To prevent the door sticking or the build up of fluff periodically clean the inner door and gasket with a damp cloth.

**MARNING!** The Drum, door and load may be very hot.

# **Technical Specifications**

Drum capacity
Maximum load
Height
Width
Depth
Energy Label Band
115 litres
9 kg
85 cm
60 cm
60 cm
B

⚠ IMPORTANT Always switch off and remove the plug from the electricity supply before cleaning this appliance.

For electrical data refer to the rating label on the front of the dryer cabinet (with the door open).

# TROUBLESHOOTING

## What Might be the Cause of...

## Defects you can remedy yourself

Before calling GIAS Service for technical advice please run through the following checklist. A charge will be made if the machine is found to be working or has been installed incorrectly or used incorrectly.

If the problem persists after completing the recommended checks, please call GIAS Service, they may be able to assist you over the telephone.

Time display to end could change during drying cycle. The time to end is continuously checked during the drying cycle and the time is adjusted to give the best estimation time. The displayed time may increase or decrease during the cycle and this is normal.

## Drying time is too long/clothes are not dry enough...

- Have you selected the correct drying time/programme?
- Were the clothes too wet? Were the clothes thoroughly wrung or spindried?
- Does the filter need cleaning?
- Is the dryer overloaded?
- ullet Has the  ${\mathcal D}$  option been selected from a previous cycle?

# The dryer does not operate...

- Is there a working electricity supply to the dryer? Check using another appliance such as a table lamp.
- Is the plug properly connected to the mains supply?
- Is there a power failure?
- Has the fuse blown?
- Is the door fully closed?
- Is the dryer switched on, both at the mains supply and at the machine?
- Has the drying time or the programme been selected?
- Has the machine been switched on again after opening the door?

## The dryer is noisy...

• Switch off the dryer and contact GIAS Service for advice.

### The 🕮 Indicator is on....

• Does the filter need cleaning?

### The "Indicator is on...

Does the water container need emptying?

### **CUSTOMER SERVICE**

Should there still be a problem with your dryer after completing all the recommended checks, please call GIAS Service for advice.

They may be able to assist you over the telephone or arrange for a suitable appointment for an engineer to call under the terms of your quarantee. However, a charge may be made if any of the following applies to your machine:

- Is found to be in working order.
- Has not been installed in accordance with the installation instructions.
- Has been used incorrectly.

1 If the supply cord on this appliance is damaged, it must be replaced by a special cord which is only available from GIAS Service or an authorised Hoover Dealer.

## **Spares**

Always use genuine spares, available direct from GIAS Service.

Spares Service Tel: 08443 712758

### **GIAS Service**

For service and repairs call your local GIAS Service engineer.

Phone GIAS on 08444 995599 Eire - 0818 2000021

# **YOUR GUARANTEE**

For a period of one year from the date of purchase the appliance is covered by a guarantee which allows you to call GIAS Service free of charge.

Remember to send off the guarantee certificate for validation within 10 days of the date of purchase. You should retain the receipt issued by the retailer when you purchased the machine to show to the call out engineer, should you need to consult one.

If your appliance shows signs of a defect or is not working properly, before you contact GIAS Service we recommend you carry out the checks detailed within the Troubleshooting section. If the problem with the appliance persists after completing all the recommended checks, please dial the GIAS Service number.

You will be connected directly to GIAS. It is important you tell the GIAS advisor your product's model number and serial number, which you will find on the rating label (16 characters, beginning with the number 3), found on the front of the appliance (door area). By doing this, your enquiry will be responded to more efficiently.

Hoover guarantees all parts of this product for 5 years from the date of purchase. During that time Hoover will replace or repair all defective parts free of charge, except for parts subject to fair wear and tear such as belts. The call out fee and labour costs are chargeable after the first 12 months. To qualify for benefits under the guarantee, you must be able to provide proof of date of purchase and the appliance must have been installed and used in accordance with the instructions described in this manual.

Consequential losses and accidental damage to the machine is not covered by the guarantee.

Hoover cannot be responsible for the results of using this machine for any purposes other than Those described in this manual.

This guarantee does not affect your statutory or common law rights.

Note: If repair work has been completed by an unauthorised engineer the product guarantee May become invalid.

### Hoovercare

To maintain your Hoover product in peak condition you may wish to take out a Hoovercare policy, which for an annual payment provides a comprehensive maintenance and repair scheme.

For more information please call 08444 995599. The Hoovercare scheme is not available in Eire.

The manufacturer declines all responsibility in the event of any printing mistakes in this booklet. The manufacturer also reserves the right to make appropriate modifications to its products without changing the essential characteristics.

