

# Operating Instructions and Level 1 Maintenance Tumble Dryers

T 6251 / T 6751 Container



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## Warning and Safety instructions

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Read the operating instructions through before using this machine for the first time. This way you will avoid the risk of accidents and damage to the machine.

■ The tumble dryer is only intended for drying fabrics, which have been washed in a water solution, marked on the manufacturer's wash care label as being suitable for tumble drying.

■ **There is a danger of fire with the following, and on no account should they be dried in this machine:**

- Articles containing foam rubber, rubber or rubber like materials.
- Articles which have been treated with inflammable cleaning agents.
- Kitchen overalls which may be greasy, fatty or impregnated with other residues.

■ Do not dry mops, floor cloths etc in this machine if they contain substances such as wax or chemical cleaning agents.

■ Damaged padded or filled fabrics (eg. jackets or cushions) should not be dried. If the filling comes out it could cause a fire.

■ Some textiles get very hot during drying and there may be a risk of high temperatures causing them to ignite in exceptional circumstances. They should therefore be taken out of the machine as soon as the programme has finished and as soon as possible if there has been a power cut. Keep a fire extinguisher near the machine.

■ The laundry must not be taken out of the dryer before the drying programme has finished, ie, **the cooling down phase must be completed.**

If hot laundry items are stacked or packed they could self-ignite.

■ Always make sure the drum is stationary before reaching in to remove laundry. Reaching into a moving drum is extremely dangerous.

■ Repairs to the machine must only be carried out by fully trained and qualified service engineers. Unauthorised repairs could be dangerous.

■ The electrical safety of this machine can only be guaranteed when continuity is complete between it and an effective earthing system which complies with local and national regulations.

It is most important that this basic safety requirement is regularly tested, and where there is any doubt the on-site wiring should be inspected by a qualified electrician.

The manufacturer cannot be held liable for the consequences of an inadequate earthing system.

■ The machine is only completely isolated from the electricity supply when it is switched off at the wall isolator, or the distribution board circuit breaker.

■ Do not damage, remove or bypass the safety features and controls on the machine.

■ Where there is any damage to the controls or to the cable insulation the machine must not be used until it has been repaired.

■ Faulty components must only be exchanged for original Miele spare parts. Only when these parts are fitted can the safety standards of the machine be guaranteed.

■ Do not touch the connecting pipework and components. There is a danger of being burnt.

■ Only use the machine if all of the removable outer housing parts are in place. This way any moving parts or electrical components cannot be accessed.

### ■ Fire and Explosion risk

Never use or store benzine, petrol or petroleum based substances or any easily inflammable substances near the machine. Peripel should not be stored near the machine.

### ■ Fire risk

Do not use the machine without the built-in fluff filter in place. If the fluff filter is damaged it must be replaced immediately.

A build-up of fluff could block the air flow heating and ventilation, and impair the efficiency of the machine.

## Warning and Safety instructions

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■ Disinfecting and cleaning agents often have compounds containing chlorides in them. If these agents dry onto the steel surfaces, the residual chlorides will attack the steel and can cause rusting. If you accidentally spill an agent containing chloride on the machine it should be rinsed off with water and dried with a soft cloth. To protect your machine from rust damage we recommend only using chloride free disinfecting and cleaning agents. If you are not sure about a particular agent contact the manufacturer for advice.

■ Do not use a **high pressure cleaner** or **water jet** to clean the machine.

■ **Caution** If the tumble dryer switches off prematurely during the drying cycle, without the fault indicator light showing, this could be due to high temperatures in the area around the motor.

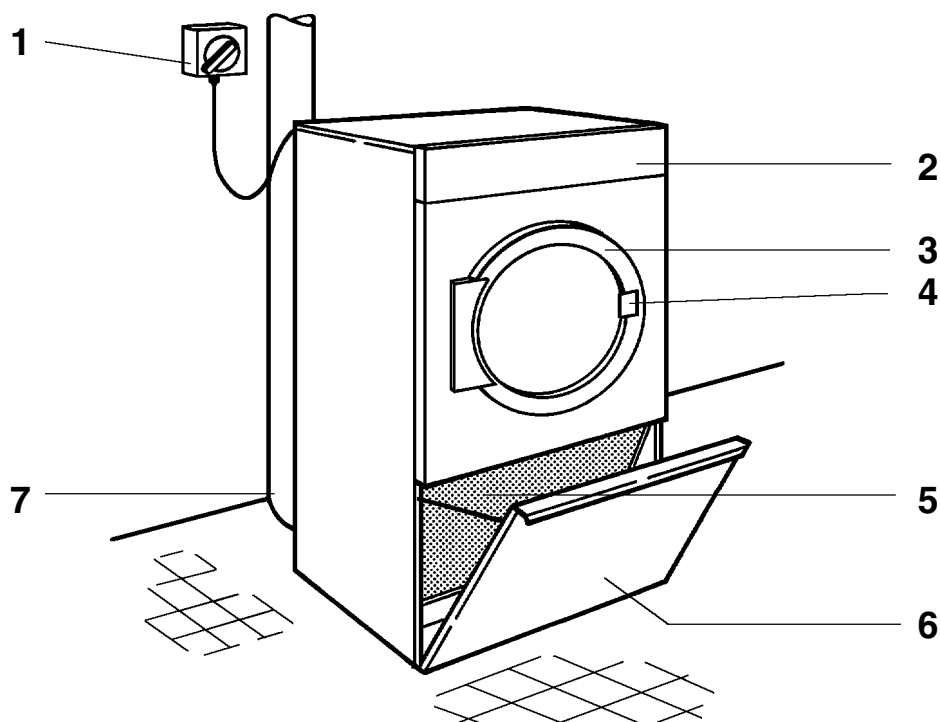
Heater limiters stop the tumble dryer. In this case please check the seals and locks on the machine door and the fluff filter. Check the condition of the air inlet and air outlet vents. If no damage is evident to any of the parts checked, the dryer can be re-started. If the fault occurs again, call G3 Systems.

All personnel working with this machine must be fully trained in all aspects of its use and safety.

**Keep these operating instructions in a safe place.**

# Description of the machine

Tumble dryer (T6251 / T6751)



1 Mains isolator switch

2 Control panel

3 Drum door

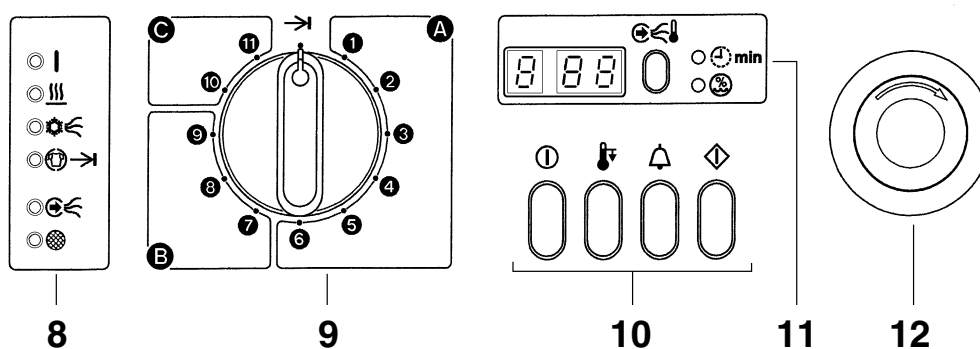
4 Door handle

5 Fluff filter

6 Fluff compartment flap

7 Air outlet ducting

## Control panel



8 Programme sequence and check lights

9 Programme selector

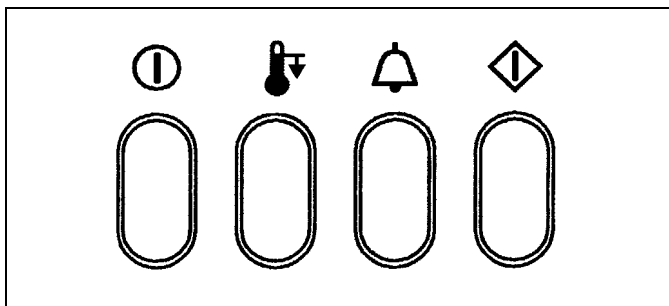
10 Push button switches

11 Display with selector button

12 "Emergency Stop" switch

## Description of the machine

### Push button switches



#### On-Off ① switch

#### 🌡️ Low temperature switch

Lowers the drying temperature for delicate fabrics (e.g. acrylics).

Press the button in to select this function. Using this button for bagged laundry may affect the drying times.

#### 🔔 Buzzer switch

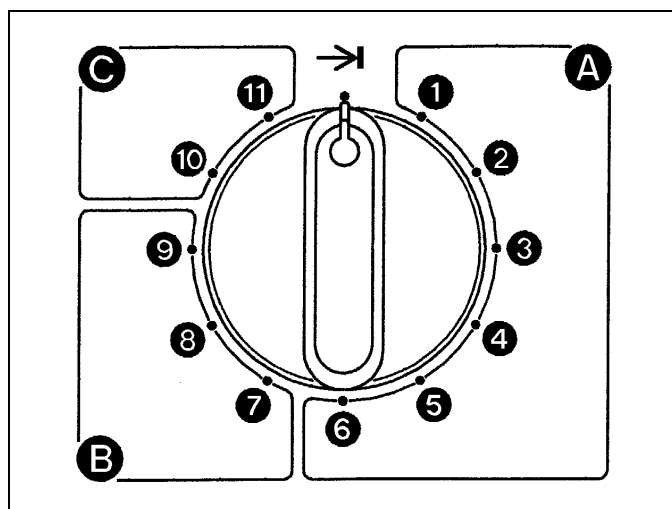
The end of a programme can be indicated by a buzzer.

Press the button in to select this function.

#### ◇ Start button

Press the button in to start the programme.

### Programme selector



The programme selector switch is used to select the programme required.

Predominantly positions **3** and **11** will be used. For a description of these programmes refer to Appendix 2.

#### **A** SENSED DRYING

For drying cotton / linen textiles

	Residual moisture value	T6251	T6751
<b>1</b> Extra dry		-4%	-4%
<b>2</b> Normal +		-2%	-2%
<b>3</b> Unbagged		3%	3%
<b>4</b> Machine iron Δ		13%	16%
<b>5</b> Machine iron ΔΔ		20%	22%
<b>6</b> Machine iron ΔΔΔ		26%	30%

#### **B** MINIMUM IRON

For drying polyester / cotton mixtures, delicates and synthetics

<b>7</b> Normal +	-2%	-2%
<b>8</b> Normal	2%	2%
<b>9</b> Machine iron Δ	8%	8%

#### **C** TIMED DRYING

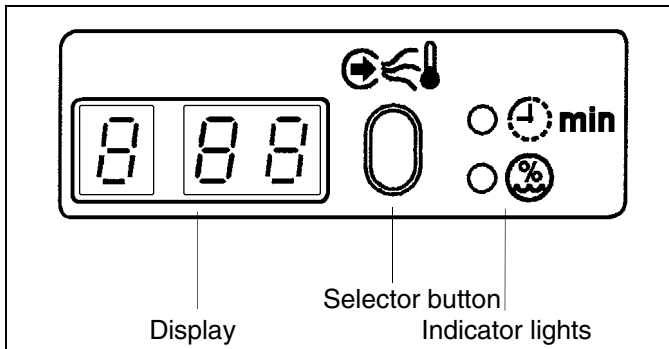
<b>10</b> without heating	15 min	15 min
For airing laundry		

<b>11</b> Bagged	55 min	55 min
For drying bagged loads or to finish off drying individual items		

→ End

## Description of the machine

### Display with selector button and indicator lights



### Selector button shows: Residual moisture / Time / Vented air temperature

Pressing the selector button will toggle between Residual moisture / Vented air temperature (if running a "SENSED DRYING" programme) and Time / Vented air temperature (if running a "TIMED DRYING" programme).

#### Residual moisture %

This button is used to alter the programmed residual moisture values in programmes **1** to **9**.

#### Time ⌚

This button is used to change the programme duration in programme **10** from 003 minutes to 1.00 hour, and in programme **11** from 003 minutes to 3.00 hours.

This is done by pressing the button until the desired time is achieved.

Changes to the residual moisture level and time can only be carried out before the start of the programme. Changes are only valid each time for one selected programme. At the end of the programme the values set revert to the standard values.

#### Temperature of vented air 🌀🔥

If the button is pressed in while a programme is running and released immediately, the current vented air temperature will show in the display for approx. 5 seconds.

### Display shows: Residual moisture / Time / Vented air temperature

#### Residual moisture %

Display of the residual moisture set for programmes **1** to **9**.

A few minutes after the programme has started the residual moisture in the laundry is recorded and displayed.

The current residual moisture values are shown continuously during the programme.

#### Time ⌚

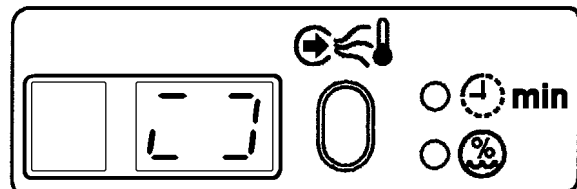
Display of the time set for programmes **10** and **11**.

The hours are shown in the left-hand side of the display and the minutes in the right-hand side of the display.

After the programme has started the remaining time left to run is displayed.

#### Vented air temperature 🌀🔥

The current vented air temperature is displayed after pressing and releasing the selector button for approx. 5 seconds while a programme is running.



#### Note:

After the start button has been pressed a turning circle is shown for a short time in the display (to represent the drum rotating).



## Description of the machine

### Indicator lights for: Residual moisture / Time left

#### Residual moisture (%)

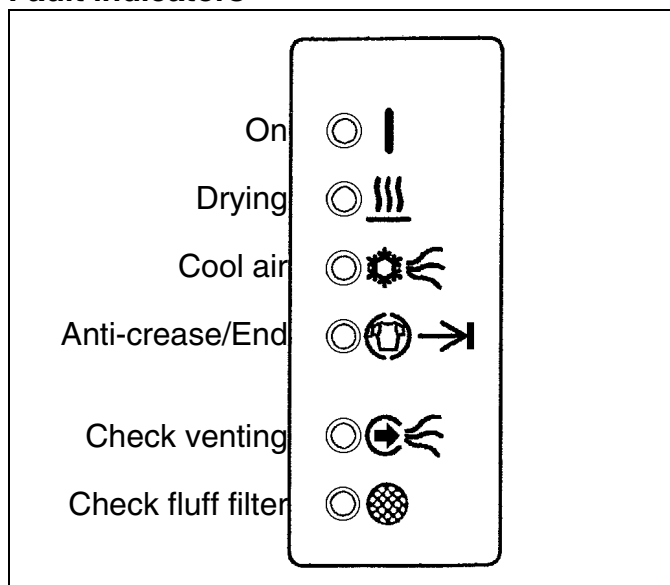
Lights up when the machine is switched on and a programme between ❶ and ❹ has been chosen.

It goes out at the end of the programme.

#### Time left (h/mins)

Lights up when the machine is switched on and programme ❿ or ⓫ has been chosen. It goes out at the end of the programme.

### Programme sequence, Check lights and Fault indicators



#### Fault indicators

Faults or interruptions are indicated by the sequence lights or the check lights flashing.

#### Drying light

Fault in the heating system.

Action: Please contact G3 Systems.

#### Cool air light

The maximum running time of the drying programme was exceeded because the residual moisture at the start of the programme was too high.

Action: Start the drying programme again.

If the fault message occurs again please call G3 Systems.

### Check venting

The venting duct is blocked or badly restricted.

Action: Check the vent ducting and if necessary clean it.

### Check fluff filter

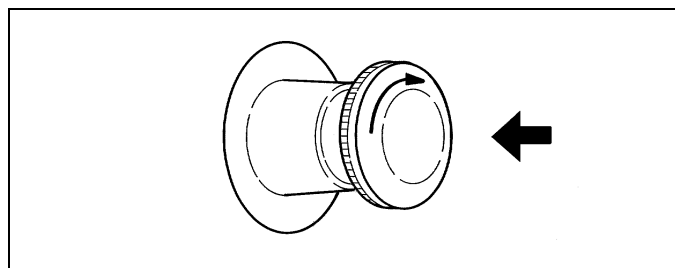
The fluff filter is clogged.

Action: Clean the fluff filter at the end of the programme (I.A.W. Cat 601).

#### Note:

The "Drying", "Cool air" and "Anti-crease/End" indicator lights flash if there is a power cut or if a programme has been interrupted (e.g. when a door has been opened and shut). They are not indicative of a fault. The lights will stop flashing when the "Start" button is pressed again.

### Emergency Stop switch



Only use this switch in an emergency.

Do not use it in normal operation to switch the machine off.

To reset the Emergency stop switch after it has been used, turn the ribbed disk clockwise.

## Before using for the first time

### Preparing the laundry

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#### Before using for the first time


Wipe the inside of the drum with a soft dry cloth before loading the drum with laundry.

#### Preparing the laundry


Sort the laundry according to fabric type and weave in order to achieve an even drying result.

Not all textiles are suitable for drying in a tumble dryer. Please pay special attention to the manufacturer's instructions on the wash care label.

Significance of symbols:

 = Dry at normal temperature

 = Dry at low temperature

 = Do not tumble dry

Articles made from pure wool and wool mixtures tend to become matted and shrink. They should not be dried in a tumble dryer.

The surface of pure linen is liable to be roughened by tumble drying. Consult the manufacturer's instructions.

**Important:** Any laundry items with large metal buckles, hooks, eyes, zip tags etc. should be put into the dryer in a cloth bag (eg. pillow-case) to protect the drum from scratches and dents.

Closed metal zips in garments may bridge the sensor electrodes in the drum ribs causing the drying process not to end or to end too late. These items should be dried with the zips undone.

Damaged padded or filled fabrics (eg. jackets or cushions) should not be dried. If the filling comes out it could cause a fire

Some woven and loopknit materials tend to shrink to varying extents depending on their quality. This tendency is exaggerated by over-drying. Avoid the Extra dry programme for such fabrics.

Sort the laundry according to the level of dryness required. It is not necessary to sort according to size.

For greater economy dry a full load. Underloading is uneconomical. Do not overload as this will impair the drying result and the laundry finish.

#### Load capacity (Dry weight)

T 6251	T 6751
<b>Drum volume</b>	
250 Litres	750 Litres
<b>Cottons</b>	
max. 10 kg	max. 30 kg
<b>Minimum Iron and Delicates</b>	
max. 3.5 kg	max. 10 kg

## Selecting a programme

- Load the drum.
- Close the drum door.
- Turn on the power supply in accordance with AESP Cat 201, Chapter 2.
- Press in the ① On/Off switch.
- Select a programme:
- Predominantly use Programme ③ for unbagged laundry and Programme ⑪ for bagged laundry.

The dryer has an electronic sensor system which monitors the residual moisture in the laundry.

Note: The drying programmes are not only monitored electronically but are also timed for extra safety. The heating time is limited as standard to 60 minutes.

Once the required level of dryness has been reached the laundry is cooled down and the drying programme finishes automatically.

The programme selector can be turned in a clockwise or anti-clockwise direction. Different drying programmes can be selected with the programme selector depending on the dryness level required for further handling:

### A SENSED DRYING

For drying cotton/linen textiles

Residual moisture	T6251	T6751
① Extra dry	-4%	-4%
② Normal +	-2%	-2%
③ Unbagged	3%	3%
④ Machine Iron Δ	13%	16%
⑤ Machine Iron ΔΔ	20%	22%
⑥ Machine Iron ΔΔΔ	26%	30%

### B MINIMUM IRON

For drying polyester cotton mixtures, delicates and synthetics

Residual moisture	T6251	T6751
⑦ Normal +	-2%	-2%
⑧ Normal	2%	2%
⑨ Hand Iron Δ	8%	8%

### C TIMED DRYING

Airing and timed drying

⑩ without heating (15 mins)  
For airing laundry

⑪ Bagged (55 mins)  
To dry bagged loads or to finish off drying individual items.

- If required an additional feature during drying is the 🔊 Low temperature and/or 🔔 Buzzer function.  
Press the button for the additional feature before commencing a drying cycle.
- Then press in the ⬡ Start button.

The drying programme selected now starts.

#### Note:


The 🔍 Check fluff filter light comes on if the fluff filter needs to be cleaned. Clean the filter as soon as the programme has finished.

The laundry must not be taken from the dryer before the drying programme has finished, ie, **the cooling down phase must be completed.**

If hot laundry items are stacked or packed they could self-ignite.


## Selecting a programme

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**The end of the drying programme is indicated by the**  **→| Anti-crease / End** light lighting up and the buzzer sounding if selected.

- Turn the programme selector to **→| End**.
- Open the drum door.
- Remove the laundry.

**If the dryer is not going to be used again in the near future:**

- Press the  **On/Off** button to switch off the machine.
- Turn off the power supply in accordance with Cat 201, Chapter 2.
- Carry out the after use maintenance required in Cat 601.

## Notes

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### Anti-crease

If the laundry is not removed from the machine at the end of the programme an anti-crease phase switches in automatically. There is drum movement at intervals to minimise creasing in the laundry.

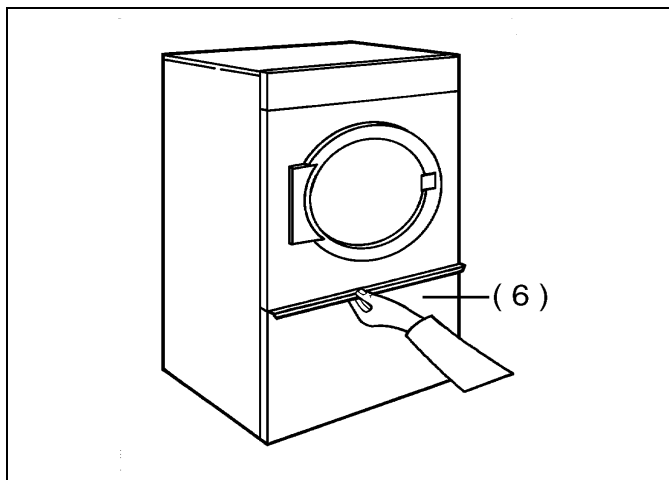
The anti-crease phase lasts about 59 minutes.

### Interrupting the programme

The door can be opened during operation to add articles of laundry. Do not reach into a moving drum.

To continue the drying process:

- Close the drum door.  
The fan automatically switches on as a safety measure if the temperature in the interior of the dryer is too high.  
The programme sequence lights for drying, cool air, anti-crease/end and the data in the display flash.



- Press the  Start button.

If the drying programme has been interrupted, either by opening the door, opening the fluff filter panel (6), or operating the Emergency stop switch, the Start button has to be pressed to start the programme again.

If a different programme is required, first turn the programme selector to the →| End position and then to the desired programme. Press the Start button to start the new programme.

The On indicator light flashes if the programme selector is turned to a different position after the start of a programme. It stops flashing when the programme selector is turned back to the programme originally selected or is turned to the →| End position to finish the programme.

## Cleaning and care

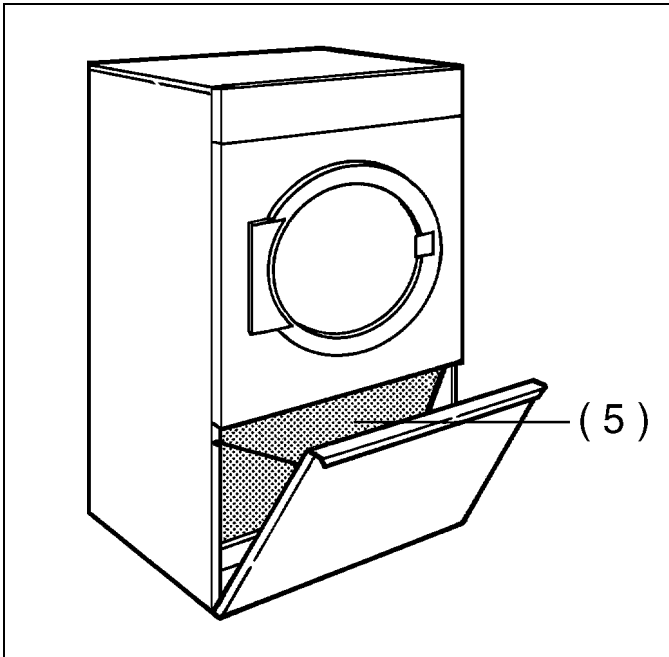
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Before cleaning disconnect the machine from the power supply by switching off at the isolator or circuit breaker.

Disinfecting and cleaning agents often have compounds containing chlorides in them. If these agents dry onto the steel surfaces, the residual chlorides will attack the steel and can cause rusting. If you accidentally spill an agent containing chloride on the machine it should be rinsed off with water and dried with a soft cloth. To protect your machine from rust damage we recommend only using chloride free disinfecting and cleaning agents. If you are not sure about a particular agent contact the manufacturer for advice.

**Do not use a high pressure cleaner or water jet to clean the machine.**

### Cleaning the fluff filter



Clean the fluff filter (5) at least once a day, depending on the amount of fluff that has collected and when the Clean fluff filter indicator light comes on. Do not remove the fluff filter and be very careful not to damage it.

The housing, control panel and any plastic parts must only be cleaned using a **mild** cleaning agent or with a soft, damp cloth and then dried.

Stainless steel housing should be cleaned with a proprietary stainless steel cleaning agent following the manufacturer's instructions on the packaging.

**Never use abrasive cleaning agents to clean the machine.**

If you are unsure about a particular product or need further advice please contact G3 Systems. See back page for address.





The following should be checked and if necessary cleaned **once a year** by G3 Systems:

- The whole interior of the tumble dryer
- The fins on the ventilation fan

If appropriate maintenance is not carried out regularly the efficient running of the machine may be impaired and operational faults representing a fire hazard can occur.

## Guide to the data plate

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→ Typ		
→ Fabr.-Nr.		
→ Art.-Nr.		
→ M.-Nr.		
○		
○		
○		
○		
		
Ⓜ		

The data plate is located at the rear of the machine next to the exhaust connection.

Typ	Model type
Fabr.-Nr.	Serial number
Art.-Nr.	Article number
M.-Nr.	Part number
IBN	Commissioning date

1412

- 14 Space for test certificate /  
e.g. CE - 0085 (Gas)  
or country certificate

**Registered on the A scale.**

T 6251	67.7 dB
T 6751	75.1 dB

**measured in Germany in accordance with  
DIN (IEC) 45 635, machine noise regulations  
3. GSGV p 1 1.a**



## Appendix 1

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### Level 1 Maintenance

Daily before use:

- Carry out the before use maintenance required in Cat 601.
- Prepare the laundry for drying. Ensure that the load is suitable for the drying programme selected.

Daily after use:

- Carry out the after use maintenance required in Cat 601.

Annually:

- Carry out the annual maintenance required in Cat 601.

## Appendix 2

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### Programme chart

#### General: Dryer attributes

The suite of drying programmes installed on the T 6751 and T 6251 dryers have been optimised to the field laundry application as follows:

- Simple selection from a suite of programmes tailored to the types of fabrics and materials to be laundered.
- Provision to process bagged or unbagged laundry.
- Timed drying process – to be used for BAGGED laundry. The default drying time is set to 55 minutes although this can be increased or decreased by the operator to account for the field laundry conditions.
- Sensed drying process – to be used for UNBAGGED laundry. The default residual moisture setting is 3% although increased or decreased dryness settings may be selected by the operator to account for the field laundry conditions.
- Mass of dry laundry per bag is typically 2.5 kg. This must not exceed 3 kg. Tightly rolled or twisted clothing may exhibit localised damp patches.
- Capable of drying the laundry loads from both washer-extractors, split proportionally between the large and small dryers.

## Appendix 2

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### Programme chart

Dryer	Prog.No.	Programme	Laundry / fabric type	Drying process	Duration (minutes)
<b>T 6751</b>	<b>C 11</b>	BAGGED	Bagged - mixed fabrics	Timed drying	Default 55 minutes Selectable from 1 to 180 minutes
	<b>A 3</b>	UNBAGGED	Any unbagged	Sensed drying	Significantly reduced drying times compared to bagged laundry
<b>T 6251</b>	<b>C 11</b>	BAGGED	Bagged - mixed fabrics	Timed drying	Default 55 minutes Selectable from 1 to 180 minutes
	<b>A 3</b>	UNBAGGED	Any unbagged	Sensed drying	Significantly reduced drying times compared to bagged laundry

Notes:



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