

# OPERATING MANUAL

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## TD100, TD135

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**Wascomat provides efficient washers, dryers, flatwork ironers and wetcleaning systems  
in a size and model for every laundry and wetcleaning need!**



** Wascomat Laundry Equipment**

516-371-4400 • [www.wascomat.com](http://www.wascomat.com)

# WASCOMAT CUSTOMER SUPPORT

Whether you need spare parts or technical advice to guide you to the source of a malfunction, our nationwide network of authorized dealers are able and ready to serve your needs, or call the Wascomat Customer Service Hotlines listed below.

## SPARE PARTS

# 516-371-2000

Before ordering parts, refer to the Wascomat spare parts manual (also available on [www.wascomat.com](http://www.wascomat.com)) to determine the part number(s) for the item(s) you need.

For quick service, please have the following information available:

1. Part Number of the item(s) you need.
2. Model of the machine.
3. Serial number of the machine.
4. Electrical data for the machine:
  - 120 or 208-240 Volt?
  - Single or three phase?
  - 50 or 60 Cycle?

To insure parts order accuracy, only fax or email parts orders are accepted:

- Fax: 516-371-4029
- email: [parts@wascomat.com](mailto:parts@wascomat.com)

## TECHNICAL SUPPORT

# 516-371-0700

For service information, first contact your local authorized Wascomat dealer.

Wascomat technical support can assist you or your technician to diagnose and repair your laundry machines over the phone. Please call from the location where the machines are installed (we suggest you use a cellular or cordless phone), and have the following information available:

1. Model of the machine.
2. Serial number of the machine.
3. Electrical data for the machine:
  - 120 or 208-240 Volt?
  - Single or three phase?
  - 50 or 60 Cycle?
4. An accurate description of the malfunction.

To expedite parts order shipment, please use your credit card.  
We accept: American Express, Mastercard, Visa, Discover, Diner's Club.

## WARRANTY CLAIMS

Wascomat's Technical Support staff will honor valid manufacturer's parts warranty claims providing your Wascomat machines are registered for warranty coverage upon installation. If they are not registered, you can validate your warranty claim by providing information about when and where you purchased the Wascomat machine(s), the model and serial number(s). Additional warranty proof may also be required.

### Additional safety instructions and warnings

#### Using the dryer

- **Do not** operate this appliance before reading the instruction booklet.
- **Do not** put articles containing foam rubber, plastic or similarly textured rubberlike materials in the dryer.
- **Do not** dry mopheads or articles exposed to gasoline, kerosene, paint wax, grease, combustible detergent or all purpose cleaners.
- **Do not** use heat for drying foam rubber items or similarly textured rubberlike materials.
- **Do not** put articles soiled with flammable liquids, vegetable- or cooking oils in dryer.
- **Do not** load materials containing flammable solvents into this appliance
- **Do not** reach into dryer until all moving parts have stopped.
- **Do not** let children play in or near dryer.
- **Do not** operate with panels, covers or guards removed from this appliance.
- Remove articles being dried immediately after tumbler stops.
- Lint screen must be cleaned in accordance with the manufacturer's recommended frequency guidelines.
- Avoid overdrying items such as silk and wool, as shrinkage or fabric damage may result.

#### The area surrounding the dryer

- **Do not** store or use flammable liquids near the dryer.
- **Do not** store chemicals, or spray aerosols near this appliance.
- **Do not** store or use aerosols or cleaning solvents in the vicinity of the dryer. Some chemicals used in laundries contain Chlorine (some dry-cleaning fluids, aerosols and bleach) When exposed to a flame, these chemicals may produce toxic fumes that are harmful to humans and highly corrosive.
- **Do not** place articles on or against this appliance
- This dryer is not to be used in the presence of dry cleaning solvents.
- A clothes dryer produces combustible lint and the area around the clothes dryer should be kept free of lint.

**WARNING**

**WARNING:** For your safety the information in this manual must be followed to minimize the risk of fire or explosion or to prevent property damage, personal injury or death.

- **WHAT TO DO IF YOU SMELL GAS:**
  - Do not try to light any appliance.
  - Do not touch any electrical switch; do not use any phone in your building.
  - Clear the room, building or area of all occupants.
  - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
  - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

**For your safety**

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.



## Safety instructions



**This machine is only intended for drying water-washed garments.**

**Clothes that have been cleaned with chemicals/flammable liquids, must NOT be dried in the machine.**

**Remove clothes from the tumble dryer as soon as they are dry. This prevents them from becoming creased, and reduces the risk of spontaneous ignition.**

**The machine must not be used for drying foam rubber or foam-like materials.**

**The machine must not be used for drying floor mops\*.**

**The machine must not be used by minors.**

**The machine must not be hosed down with water.**

**Adequate ventilation has to be provided to avoid the back flow of gases into the room from appliances burning other fuels, including open fires.**

**Mechanical, electrical and gas installations must only be carried out by authorised personnel.**

**If the machine has a fault, this must be reported as soon as possible to the person in charge. This is important for your own safety and for the safety of others.**

**Gas dryers only:**

**The machine is not to be installed in rooms containing cleaning machines with perchloroethylene, TRICHLOROETHYLENE or CHLOROFLUOROCONTAINING HYDROCARBONS as cleaning agents.**

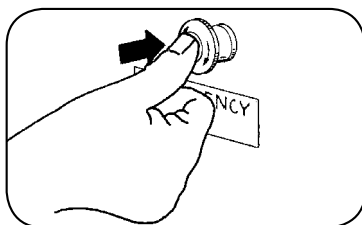
**What to do if you smell gas:**

**Do not try to light any appliance.**

**Do not touch any electrical switch; do not use any phone in your building.**

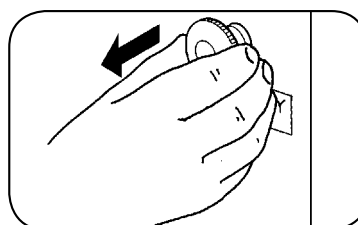
**Evacuate the room, building or area.**

**Contact the laundry manager.**



### **Emergency stop**

**If the machine for some reason has to be stopped – press emergency stop button.**



**When the necessary measures have been taken, pull out the emergency stop button. (The emergency stop button is an option outside EU and EEA).**

**\* Applies only to floor mops containing polypropylene.**



# Contents

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The manufacturer reserves the right to make changes to design and component specifications.





### Instructions for use

#### Glossary

##### **Auto Stop**

The tumble dryer stops automatically when the clothes are dry.

##### **RMC (Residual Moisture Control)**

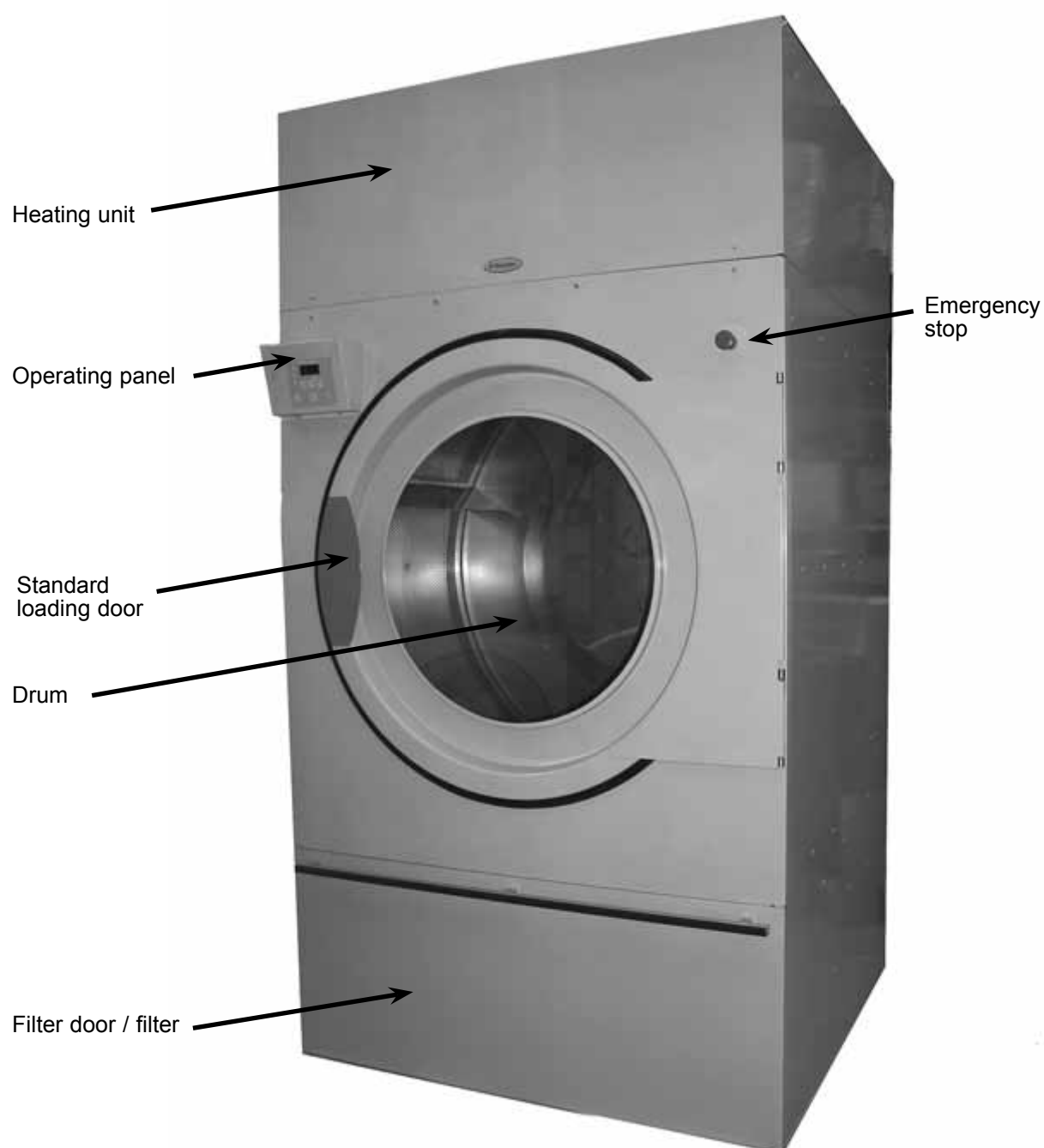
The tumble dryer has residual moisture control.

##### **OPL (On Premises Laundry)**

Example: Institutional laundries.

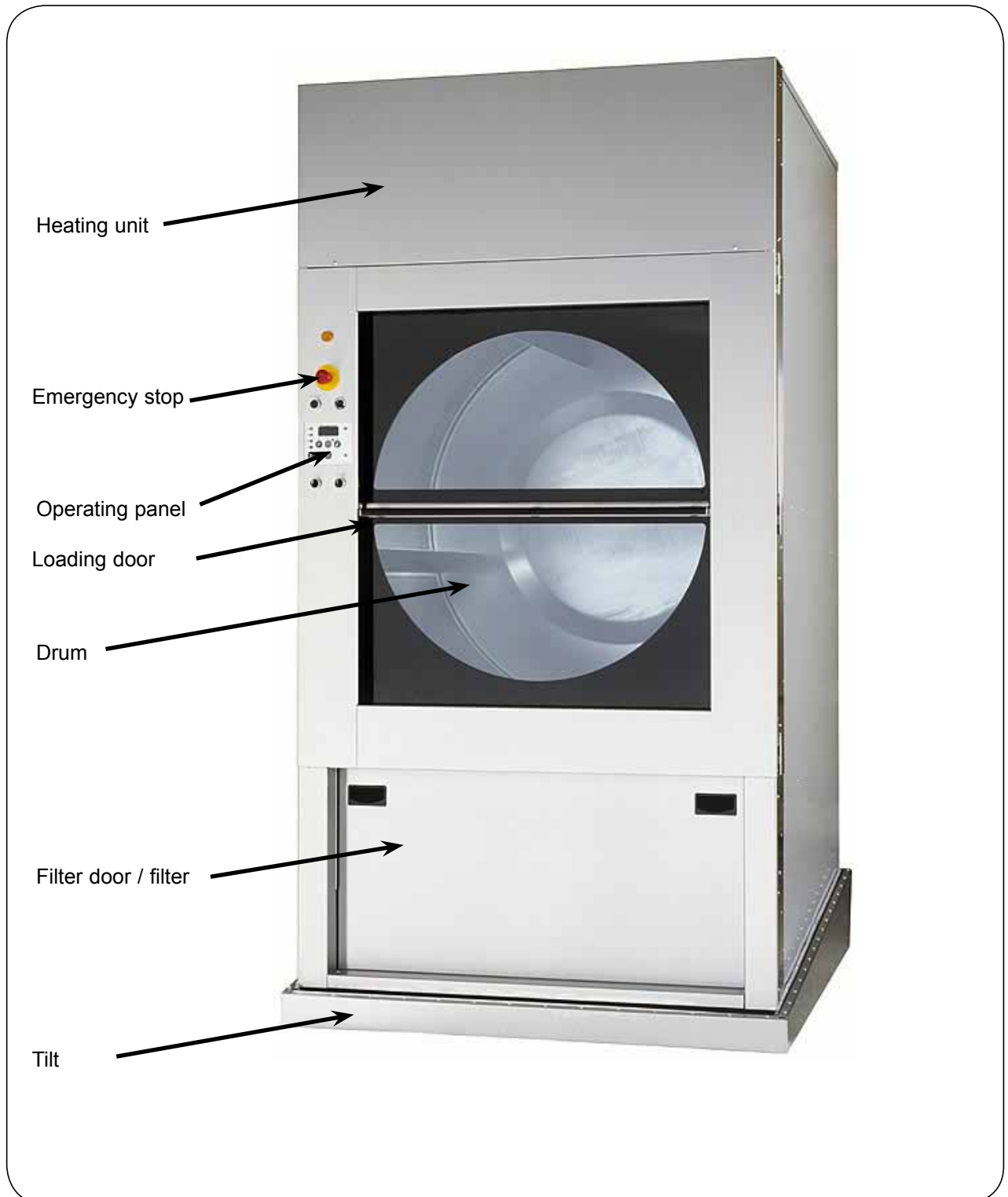
## Diagram of tumble dryer

### Tumble dryer with standard loading door







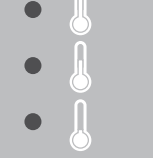
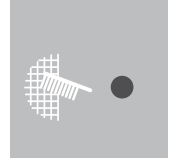


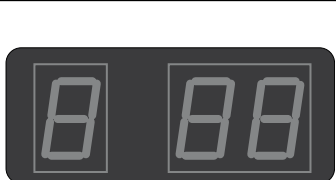


## Diagram of tumble dryer

### Tumble dryer with Sliding Door and tilt

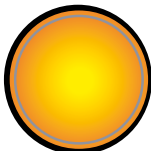



## Operating panel - buttons and symbols

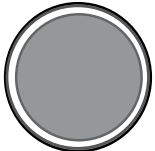


	<p><b>P button</b></p> <p>Program selection button. Not active on pay machines.</p> <p>With RMC: Push button during operation, display shows: the residual moisture in the clothes.</p>		<p><b>Reversing</b></p> <p>Reversing on/off. OPL laundries only.</p>
	<p><b>Time button</b></p> <p>Setting of drying time. Not active on pay machines.</p>		<p><b>Cool-down time</b></p> <p>Setting of cool-down time. OPL laundries only.</p>
	<p><b>Temperature button</b></p> <p>Temperature selection.</p> <p>Push button during operation, display shows: the outlet temperature.</p>		<p><b>Heat</b></p> <p>When light-emitting diode is lit the heat is on.</p>
	<p><b>Selected temperature</b></p> <p>Light-emitting diode is lit at selected temperature.</p>		<p><b>Filter</b></p> <p>When light-emitting diode is lit filter door/ filter drawer is open.</p>
	<p><b>Start/stop button</b></p> <p>Start: Push button.</p> <p>Stop: Push button or open door.</p>		<p><b>Gas reset button</b></p> <p>Gas dryer only and with standard loading door.</p>
	<p><b>Program status</b></p> <p>"d xx" = Time controlled drying - xx indicates the time.</p> <p>"c xx" = Time controlled cool-down - xx indicates the time.</p> <p>"c - -" = Temperature controlled cool-down.</p> <p>"00" = Standby. The dryer runs an anti-crease program for 120 minutes or until the door is opened.</p>		

## Operating panel - buttons and symbols

### Options- Sliding Door and tilt

	Indicator lamp for finished drying cycle		Knob for adjusting the rotation speed of the drum
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### Tilt

ROTATION 	Drum rotation while emptying the dryer	ROTATION 	Rotation of drum in both directions during the emptying process.
TILT 	Tilting the dryer.  The tilting can be disconnected by turning the knob back to upright position.		

## Programs OPL

### Programs P 01 - P 09 on dryers with RMC

Program	Process	Textiles
P 01	Extra dry	Denim
P 02	Ready to put away	100% cotton / poly cotton mixture / terry
P 03	Ironing dry (5% moisture)	Polyester / nylon
P 04	Ironing dry (10% moisture)	Wool / silk
P 05	Ironing dry (15% moisture)	Viscose / acetate
P 06	Ironing dry (20% moisture)	Mixed textiles
P 07	10 min drying	All textiles
P 08	20 min drying	All textiles
P 09	30 min drying	All textiles

### Programs P 01 - P 05 on dryers with Auto Stop

Program	Process	Textiles
P 01	Extra dry	Denim
P 02	Ready to put away	100% cotton / poly cotton mixture / terry
P 03	10 min drying	All textiles
P 04	20 min drying	All textiles
P 05	30 min drying	All textiles

### Temperature

High	Non-iron/normal wash	Cotton and mixed fabrics
Medium	Non-iron/normal wash	Cotton and mixed fabrics
Low	Fine wash/mild wash	Delicate fabrics
No heat		Airing bedspreads, duvets and bedclothes

### Load



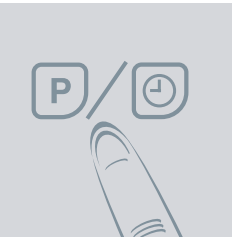
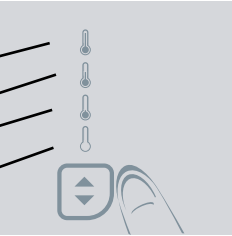

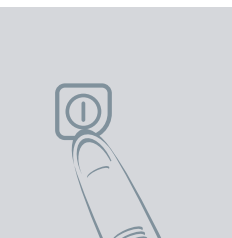
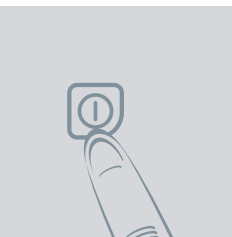

Full loads are recommended in order to achieve the best result.

Full load is indicated in kilos of dry textile.

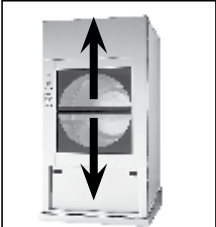
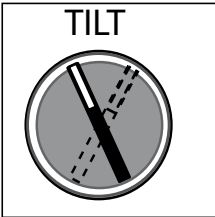
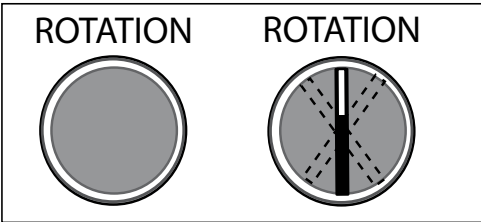
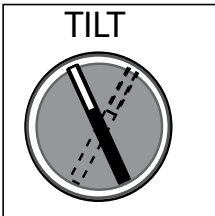
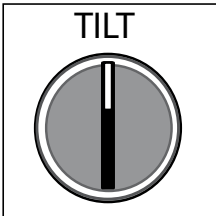
Dryer type TD100 = 45 kg

Dryer type TD135 = 60 kg

## Tumble dryer with manual operation - OPL

1	<b>Clean filter</b> 	<b>Fill garments into the drum</b> <b>Close the door</b> 
2	<b>Select programme</b> or <b>set the drying time</b> 	<b>P 01</b> Extra dry <b>P 02</b> Ready to put away <b>P 03</b> Ironing dry (5% moisture) <b>P 04</b> Ironing dry (10% moisture) <b>P 05</b> Ironing dry (15% moisture) <b>P 06</b> Ironing dry (20% moisture) <b>P 07</b> 10 min. drying <b>P 08</b> 20 min. drying <b>P 09</b> 30 min. drying
3	<b>Select temperature</b> High Medium Low No heat 	<b>Cool-down period:</b> Can be changed. <b>Reversing on / off:</b> Press the clock button and the button for cooling down time at the same time 
4	<b>Press start</b> 	<b>The tumble dryer stops</b> Automatically when the clothes are dry or when the selected time has expired.
5	Wait for the dryer to stop or press stop. 	<b>Restart</b> Close the door and press start.
6	<b>To prevent creasing:</b> Empty the tumble dryer as soon as the program has ended. 	If the tumble dryer is not emptied immediately after the drying time has ended, an anti-crease programme is automatically engaged. This means that the drum rotates at short intervals, thereby almost completely avoiding creasing.

Tilting operation

1	<p><b>After ended drying process</b> Open the door</p> 	
2	<p><b>Start tilting</b> Turn the knob all the way to right position.  The dryer starts tilt- ing forward.</p> 	
3	<p><b>Rotation</b> Use both hands to push and turn the rotation knobs.  <b>Note: When the drum is rotating dur- ing the emptying process only one person must operate the dryer.</b>  Remove the clothes.</p> 	
4	<p><b>After ended empty- ing process</b> Turn the tilting knob all the way back to the left position.  The dryer is righted.</p> 	<p>With the knob in upright position it is possible to rotate the drum with or without the Sliding Door being open.</p> 



### Error codes

The tumble dryer has automatic error indication.

Error indication is displayed as a flashing code.

Please refer to the manual Selecta Control for an explanation of error codes.

The inspector of the laundry must be contacted should an error be displayed.

The user can, however, try to correct some error codes himself.

#### Error code E05 or E06

When the error code E05 or E06 is displayed, this can be due to the motor being too hot.

Stop the dryer and wait for 5 minutes. Start again and choose a program. If this does not help and the error code reappears the inspector of the laundry must be contacted.

#### Error code E12

When the error code is displayed this can be due to the user having overfilled the dryer with clothes that are too wet.

Remove some of the clothes, close the door, and press the start button. If this does not help and the error code reappears the inspector of the laundry must be contacted.

## Error code E14

When the ignition control fails to detect a flame, a signal is sent to the PCB, and error code E14 is displayed.

When this condition occurs, the gas valve is shut off and the ignition control must be reset manually.

### Resetting

- ① Open the operating panel and press the gas reset button **A** on the back of the PCB for one second.
- ② OPL: Press the reset button **B** next to the operating panel.

**NOTE! When resetting the system the dryer must operate on a program with heat and the heat indicator must be on.**

Japan only: By opening and closing the door (coin operated dryers only).

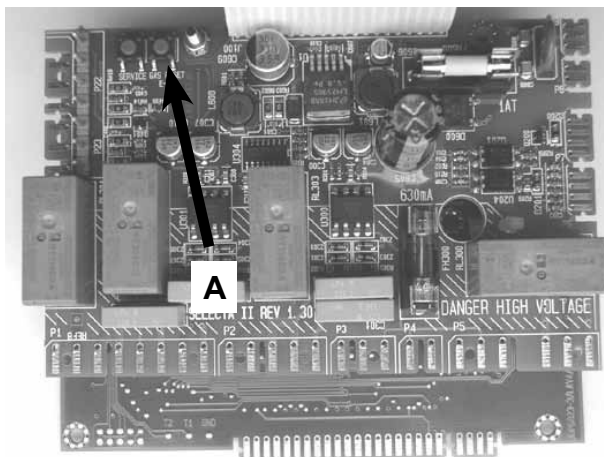
### Error code

It is normal that error code E14 occurs when first starting up the dryer, since air in the gas line must be purged.

Check that air supply to the room and ventilation are compliant with the recommendations given in the installation manual.

If the problem persists, refer to Error code 14 in the Selecta Control service manual for more information.

1



2



### **Error code E15**

When the error code is displayed this can be due to the user having overfilled the dryer.

Remove some of the clothes, close the door, and press the start button. If this does not help and the error code reappears the inspector of the laundry must be contacted.

### **Error code E16**

The error code is displayed if the user presses the start button while the vacuum switch is already closed.

Resetting by opening / closing the door and pressing start button.



## Maintenance

The following should be carried out at regular intervals, depending on the operating frequency.

### Daily

- Check that the drum stops when the loading door is opened.
- Check that the drum stops when the filter door is opened.

If the dryer operates with the loading door or filter door open, the machine must be placed out of order until repairs are made.

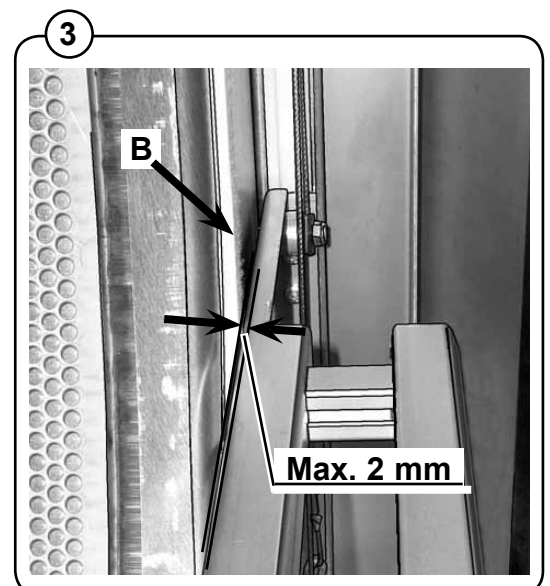
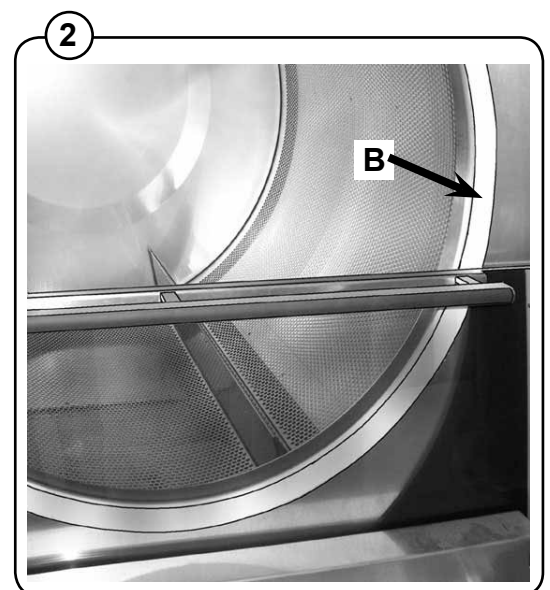
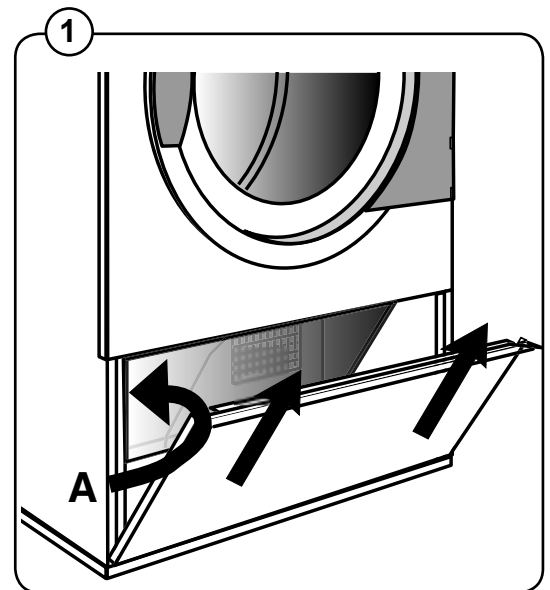
**NOTE!** Contact qualified service personnel to disconnect power from the affected dryer.

- Check that the dryer does not start until the start/stop button is activated.
- Check whether the door packing has been cleaned (use a moist cloth).
- Cleaning of filter compartment:  
Remove the door by opening it and detaching the wire fastened to the finger protector and pulling the door upwards, **fig. 1**.  
It is unnecessary to remove the lint filter for cleaning. The air system of the dryer ensures that lint and dust settle automatically at the bottom of the filter compartment remove by using a broom or a vacuum cleaner.
- Check that the lint filter is unbroken.
- Vacuum filter door switch A.

### Sliding Door:

- Check that felt gasket **B** is intact and in good condition, **fig. 2**.
- Check the distance between steel frame and felt, maximum 2,0 mm / 1/16 inch, **fig. 3**.
- Check that the 2 doors are closing tightly and that the rubber gaskets are intact.

If defective gaskets must be replaced or if the doors need to be adjusted, a service technician must be called.



## Monthly

### Dryer with RMC

Wipe off/clean drum and lifters with citric acid (*Acidum citricum*). If soap/softener residue remains, it is recommended also to use a coarse sponge.

Lack of cleaning the lifters can reduce the automatic residual moisture control in the clothes resulting in the clothes being moister than requested when the program has ended.

## Quarterly

Check that the following are not clogged by lint and dust or otherwise blocked:

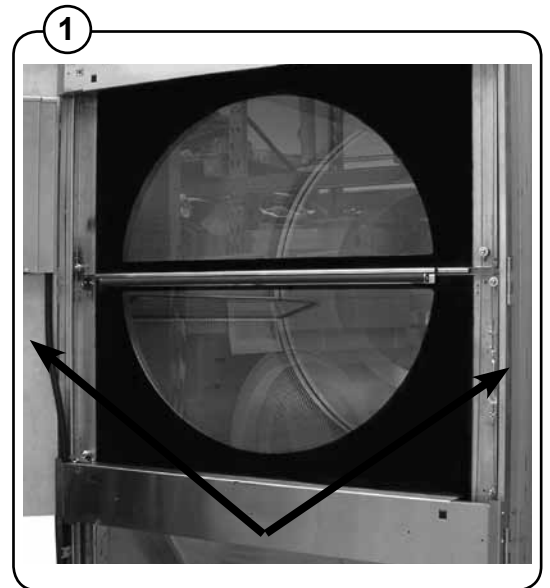
- Fresh-air intake on the back of the dryer
- The area surrounding the dryer
- Exhaust duct
- Nonreturn flap, if any
- Fresh-air intake to the room

Check that the exhaust system connections are tight.

## Dryer with Sliding Door

### Biannually

- Open Sliding Door completely.
- Fig. 1. Open both panels.
- Vacuum thoroughly.
- Close panels.





**To be carried out by qualified personnel**

Disconnect the power to the dryer.

### Monthly, steam heated dryer:

Cleaning the filter in front of steam calorifier.

1. Open the front panel.
2. Remove the filter as shown.
3. Clean the filter with water or with compressed air.
4. Replace the filter and close front panel.

### All heating alternatives:

#### Quarterly

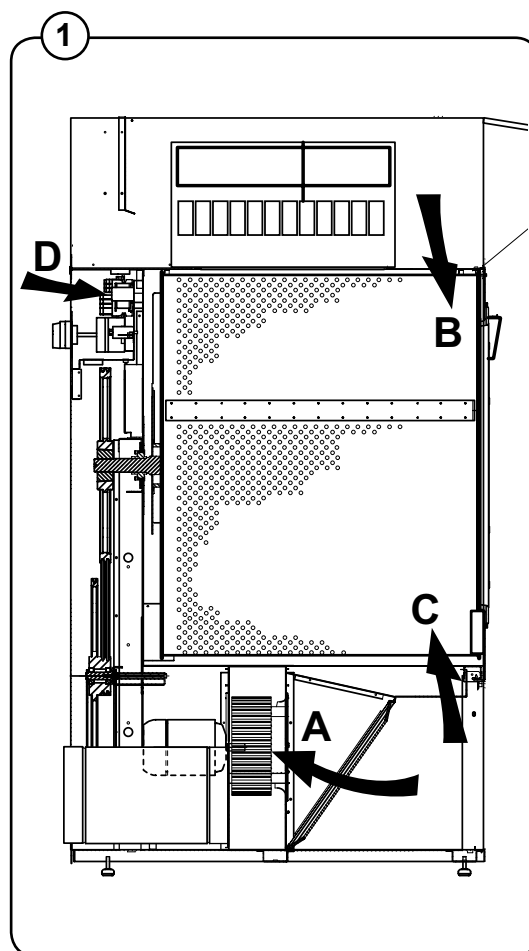
- Check and clean the blower wheel **A**.

#### Annually

- At least once a year, the inside wearing parts should be checked and cleaned for lint.
- Clean the dryer for lint.  
It is important to clean around the drum.  
The cleaning can be carried out through the 4 service holes, **B + C**.
- Check the component unit **D** for dust and carefully vacuum if necessary.
- Check and tighten the support rollers.  
Service can be carried out through the 2 service holes **C**.

### Lubrication

All bearings are maintenance free as they are permanently lubricated.







To be carried out by qualified personnel

### Dryer with tilting function

If the tilting function fails in tilted position

If the actuator fails while the dryer is in tilted position and the dryer is still to be used until the repairs have been carried out, it is necessary to get the dryer back in upright position.

#### Examples of lifting tackle

To carry out the following steps it is necessary to have one of the illustrated pieces of lifting tackle at one's disposal. Common to all lifting tackle is that the lifting capacity must be min. 1 ton / 2200 lb.

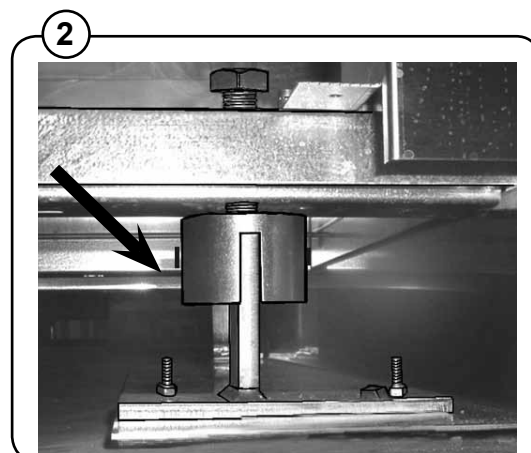
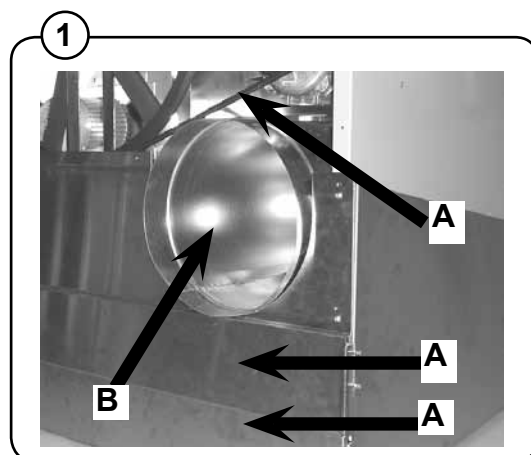
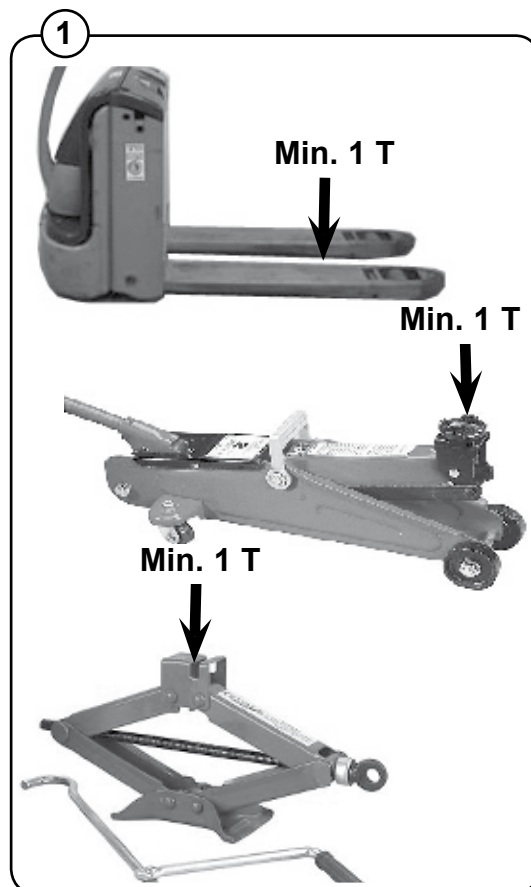
#### Righting the dryer

It is impossible to manually tilt the dryer back in upright position. Carry out the following steps:

**The stabilizing of the dryer must be carried out from the back.**

1. Fig. 1. Dismount back plate, back skirt and mounting back piece **A**.
2. Fig. 1. Temporarily dismount the connecting piece **B** at the outlet pipe.

**Note** Do not remove the front guiding console, see fig. 2.

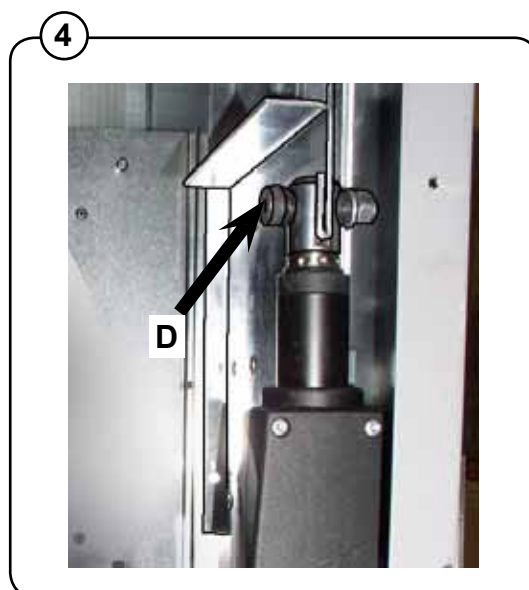
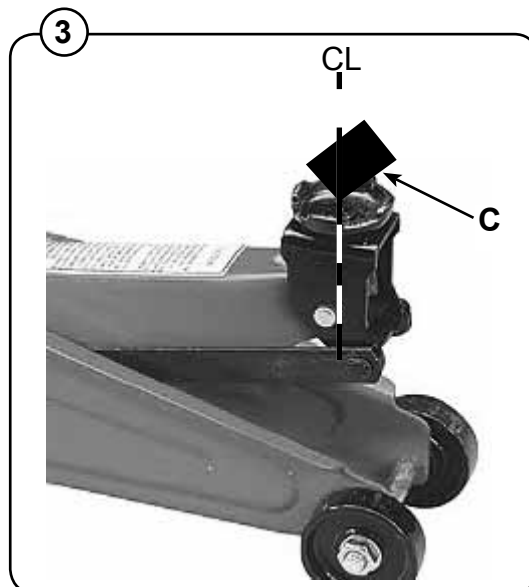


### Righting the dryer

3. Fig. 3. Position the lifting tackle. It is important to position the lifting tackle below the back bearer **C** so the centre of the lifting tackle supports the bearer.

Before starting to lift the dryer ensure that the support under the lifting tackle is stable.

4. Fig. 4. Start lifting the dryer a little bit so the bolt **D** is released in the slot.
5. Remove bolts in both actuators.
6. Turn the actuators loose of the fittings.
7. Carefully lower the dryer in upright position.
8. Remove the lifting tackle.
9. Mount the connecting piece at the outlet pipe.
10. Mount the back plates which were dismantled back in step 1.
11. Connect the outlet pipe to the system.



# When reliable laundry and wetcleaning equipment is desired, the choice is Wascomat!

The world's oldest and leading manufacturer of commercial laundry equipment for coin laundries, hotels, motels, nursing homes and any other institutional laundry use, and the environmentally safe, wetcleaning "dual-use" systems for drycleaners.

## WASCOMAT PROVIDES "PEACE OF MIND GUARANTEE"

Backed by a company that's been in the laundry equipment business for over 100 years and has earned a reputation as the standard of quality worldwide, Wascomat dealers provide:

- Free survey of your laundry needs
- Laundry design and layout
- Quality laundry equipment in a size and model for every need
- Installation, start-up and training
- Worldwide parts and service
- Best warranty in the business
- "Lease-a-Laundry Program", which includes the laundry equipment installation and ongoing service

## EXPAND, MODERNIZE, RETOOL OR BUILD A NEW LAUNDRY WITH LOW-COST FINANCING OR LEASING FROM WASCOMAT\*

With Wascomat/Viking financing or leasing you can obtain and install durable, efficient, state-of-the-art Wascomat washers, dryers and non-polluting, environmentally-friendly wetcleaning equipment to meet all anti-pollution regulations.

For more information and to apply for financing or leasing, call Viking Financial Services LLC 1-800-645-2209

# Wascomat provides efficient, quality washers, dryers, flatwork ironers and non-polluting wetcleaning equipment.

## FRONT-LOAD WASHER MODELS

Solid and soft-mount, coin operated and commercial laundry washers in standard, high and ultra-high extract models. Designed for long life and efficient water and energy use. Available from 18 to 250 lb. capacities.

## SIDE-LOAD WASHER MODELS

Pullman, Side-Load, Barrier and Clean Room washer models with high 300 to 350 G-Force extraction, designed and built for long, trouble-free life and big water and energy savings. Available from 55 to 250 lb. capacities.

## GAS EFFICIENT DRYER MODELS

Coin operated and commercial energy and gas efficient, user friendly TD dryer models with optional unique Wascomat Residual Moisture Control (RMC). Available in a size and model for every laundry need.

## AUTOMATIC FLATWORK IRONERS

A unique one-operator, fully automatic, labor saving, ironer that does it all: feeds, irons, folds, stacks and counts. Also available in fully and semi-automatic models in a size and model for every laundry need.

FOR PARTS & CUSTOMER SERVICE YOU CAN DEPEND ON WASCOMAT & ITS DEALERS



## WASCOMAT NON-POLLUTING WETCLEAN EQUIPMENT

The best alternative to Perc, uses water and complies with OSHA, EPA and all other environmental, anti-pollution regulations. Wascomat state-of-the-art wetclean technology eliminates all pollution concerns and provides the best wetcleaning and washing results. Available in a size and model for every wetcleaning need.

With the push of a button, the unique Wascomat "Dual-Use" Wetcleaner converts to an ideal laundry washer for washing shirts, comforters, drapes, all other washable garments and cleaner's wash-dry-fold customer service.



**WASCOMAT PROVIDES THE BEST CUSTOMER SERVICE WITH EXPERIENCED WORLDWIDE CUSTOMER SUPPORT, WITH AN OVER 100-YEAR TRACK RECORD.**

**WASCOMAT/VIKING FINANCIAL SERVICES PROVIDES LOW COST FINANCING AND LEASING\* FOR YOUR BUSINESS GROWTH.**

**For more information call Wascomat at 516-371-4400**



**Wascomat Laundry Equipment**

*The Standard of Quality for Over 100 Years!*

\* For qualified applicants and equipment only.