



Installation manual

Tumble dryers

T4130

Type N1130

Compass Control

Thinking of you

 **Electrolux**

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

Safety Precautions



Safety Precautions



Do not dry unwashed items in the machine

The machine is not to be used if industrial chemicals have been used for cleaning.

Do not allow minors to use the machine.

Do not hose down the machine with water.

The machine's door lock must under no circumstances be bypassed.

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 machine.

Items such as foam rubber (latex foam), shower caps, waterproof textiles, rubber backed articles and clothes or pillows fitted with foam rubber pads should not be dried in the machine.

Fabric softeners or similar products should be used as specified by the fabric softener instructions.

The machine may not be used to dry floor mops that contain polypropylene.

The final part of a drying cycle occurs without heat (cool down cycle) to ensure that the items are left at a temperature that ensures that the items will not be damaged.

WARNING. Never stop the machine before the end of the drying cycle unless all items are quickly removed and spread out so that the heat is dissipated.

Remove garments from the machine as soon as they are dried. This prevents them from becoming creased and reduces the risk of spontaneous ignition.

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

The machine must not be located where a door, sliding door, etc., can block the machine's door

The machine is not intended to be used by people (including minors) with reduced physical or mental capacity or lack of experience and knowledge. Such people must be instructed in the use of the machine by a person who has responsibility for their safety. Minors must be supervised to ensure that they do not play with the machine.

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

Gas heated tumble dryer:

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

If you can smell gas,

- **Do not switch on any equipment**
- **Do not use electrical switches**
- **Do not use telephones in the building**
- **Evacuate the room, building or area**
- **Contact the person responsible for the machine**

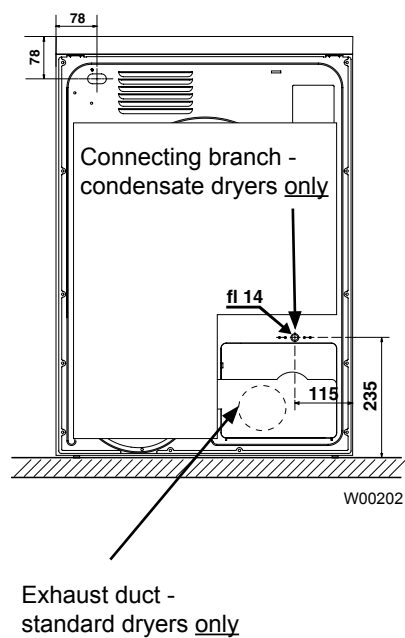
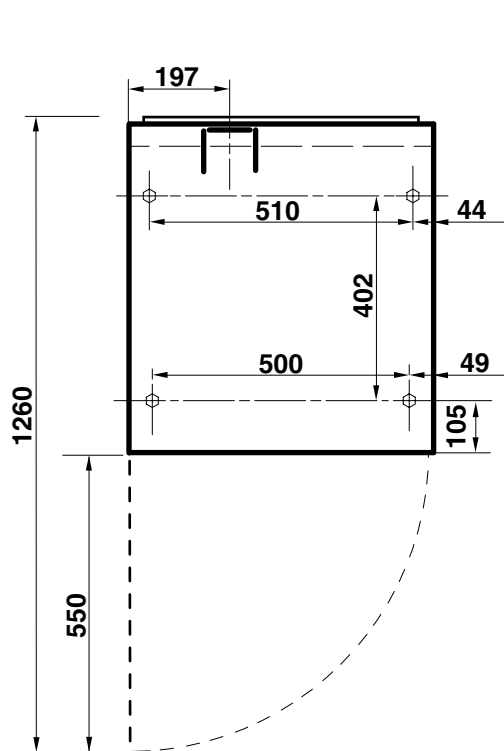
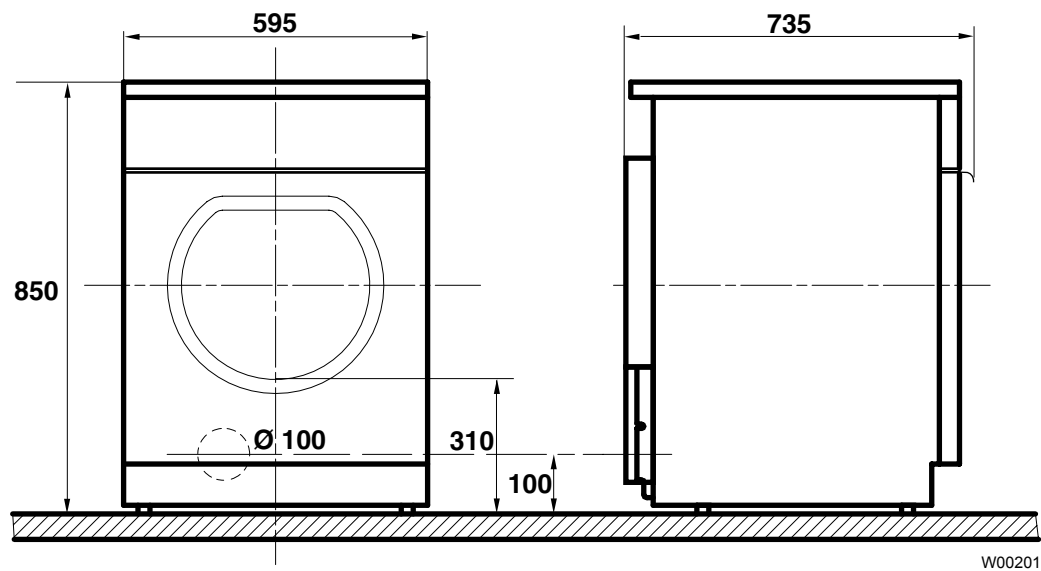


In order to prevent damage to the electronics (and other parts) that may occur as the result of condensation, the machine should be placed in room temperature for 24 hours before being used for the first time.

Technical data T4130/T4130C

		Standard	Condensate
Drum volume	litres	130	130
Weight net	kg	54	57
Drum			
diameter	mm	575	575
depth	mm	500	500
revolutions	rpm	53	53
g-factor		0.9	0.9
Capacity, max	kg	6	6
Heat effect	kW	5.1/3.2	3.0
Motor			
effect	kW	0.13	0.20
revolutions 50 Hz	rpm	2730	2730
revolutions 60 Hz	rpm	3330	3330
Air consumption	m³/h	260	-
Piping			
evacuation	ø	100	-
condensate water		-	1/2" hose to drain
Pressure drop			
evacuation 50/60 Hz	max Pa	60	-
Sound pressure level	dB (A)	< 70	< 70

Dimension sketch



Setup

Unpacking

Unpack the dryer from the packaging.

There are no transportation fittings. Release the dryer from the pallet by cutting the plastic ribbon..

Positioning

- ① Place the dryer in such a way that work can be done as easily as possible by the user as well as the service technician. The door is reversible.

The distance to the wall or other equipment behind the dryer should be min. 300 mm and the distance to the sides min. 70 mm (if the dryer is to be equipped with a coin box the width of the coin box must also be added). However, for the purpose of servicing the dryer there should be free access to the back of it.

The dryer can be positioned on a 55-litre washing machine to form a washing column.

Mechanical installation

- ② Adjust the dryer to ensure that it is horizontal and stands firmly on all 4 feet.

The max. height adjustment is 14 mm.

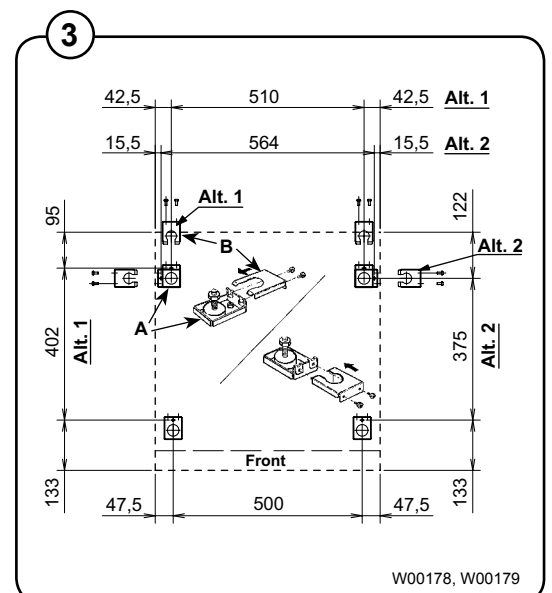
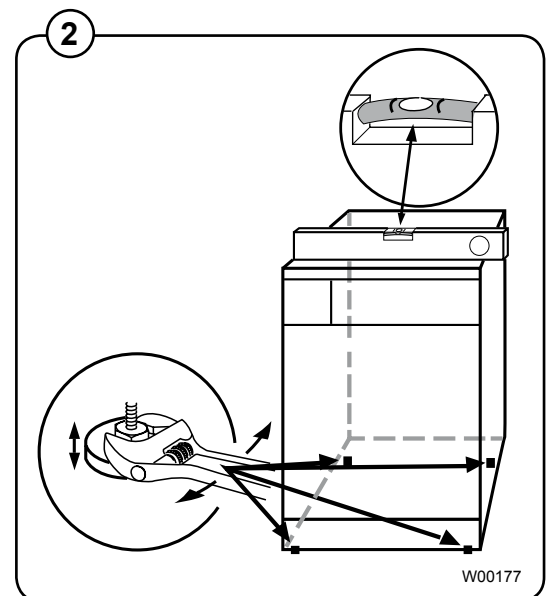
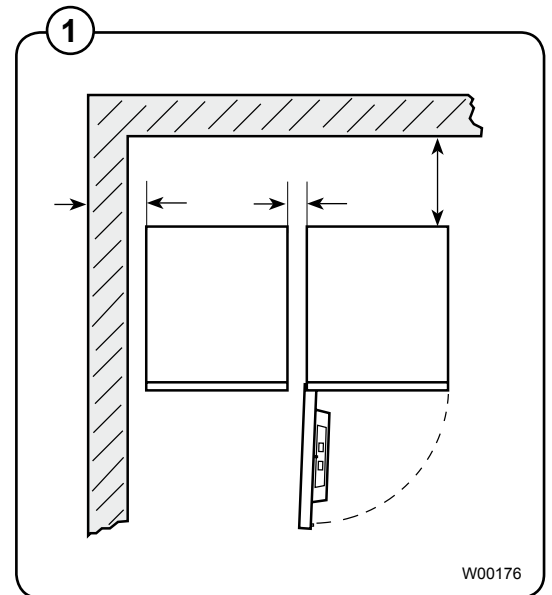
Floor mounting

- ③ The dryer can be installed directly on the floor and fastened by means of the accompanying cups A.

Fasten the cups by means of the screws.

A drilling plan is given in fig. 3 in the form of alternative 1 (from the rear) or 2 (from the side), depending on the space for mounting the rocker brackets B.

Drill the rawlplug holes using a 10 mm drill.



Door reversal

1. Disconnect the power supply to the dryer.
2. Loosen the hinge mounting and push it down to allow the door to be lifted off. Unscrew the hinge mounting.
NB! Hold the door securely while loosening the screws.

3. Unscrew the cover screws at the opposite side and loosely mount the hinge mounting. Screw in the cover screws where the hinge was previously mounted.
4. Remove the three black plugs at the top of the door.
5. Dismount the handle by loosening the three screws.
6. Remove the pivot at the top to the other side.

7. Mount the handle at the opposite side where the plugs used to be.
8. Insert the plugs where the handle used to be.
9. Remove the bottom pivot to the other side.
10. Release the locking plates by loosening the barb with a screwdriver.
11. Press out the locking plates, swap them over and press into position.

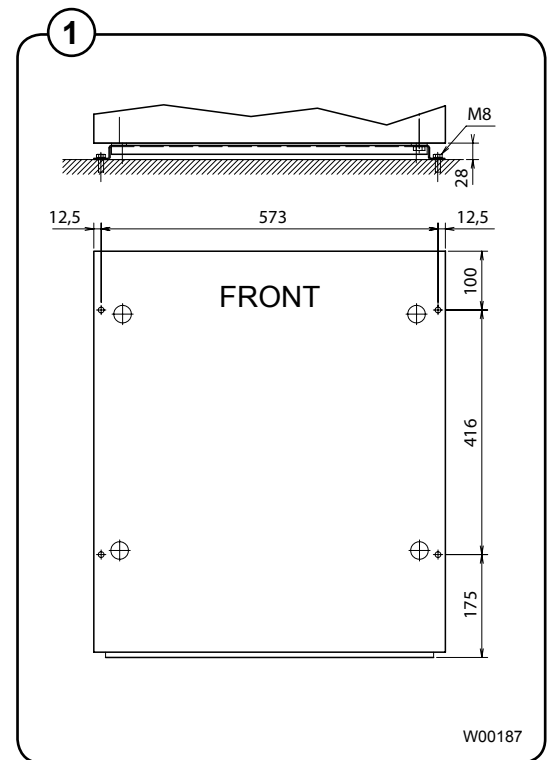
12. Mount the door. Push the hinge mounting upwards and tighten the screws.
13. Test the door (use washers to adjust the hinge if necessary). Check that door pin (A) is aligned with the microswitch aperture.
14. Connect the power to the dryer. Finally, check that the dryer stops when the door is opened.

Installation

Installation on board a ship

If the dryer is intended for installation on board a ship, fittings are mounted from factory (instead of feet) on the dryer for attachment to the ship floor by means of 4 M8 bolts.

- ① Drilling plan, see fig. 1.



Washing column

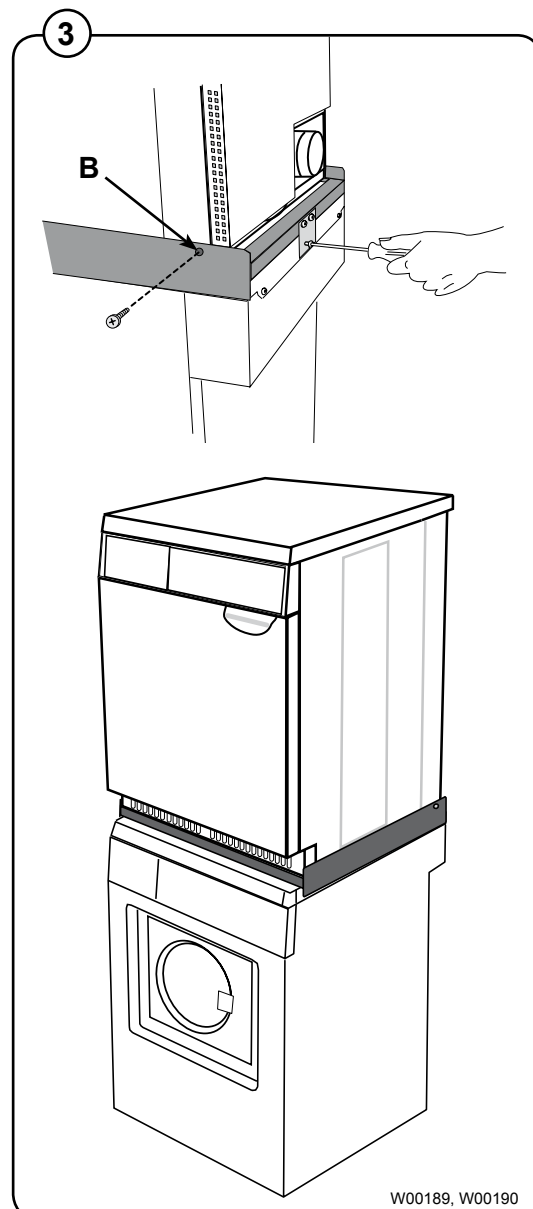
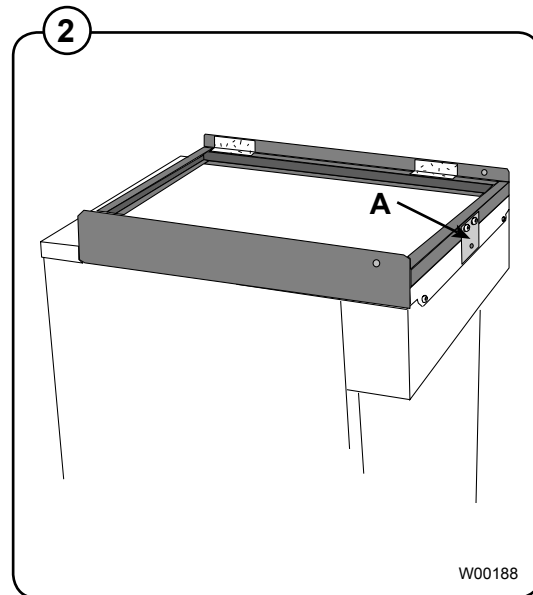
The dryer can be installed on top of a 55-litre washing machine WE455H or on a 130-litre dryer T4130(C).

The washer at the bottom must be levelled and rest on all four feet.

- 2
 - Place the frame on the top plate of the lower machine, ensuring that the holes for the fastening bracket A are at the rear.
 - Screw the dryer feet of the upper machine all the way home to ensure that they do not touch the top plate of the lower machine.
 - Lift the dryer into position, thereby making sure that the machine fronts are flush.
- 3
 - As a protection against tilting, the two accompanying plate screws are to be inserted in either side in holes B.
 - If holes B are not provided in the side plates, drill them with a 3.3 mm drill.

Note!

If it is hard to read the display adjust the contrast in the service menu (see the programming manual supplied with the dryer).



Condensate dryer

The condensate dryer does not have ventilation (evacuation) into the open.

The air is circulated in a closed system between the dryer and condensing unit.

The water in the garments condenses in the condensing unit.

All the energy (3,4/2,4 kW) used for drying the garments ends up in the room in the form of heat.

During operation, the room experiences a temperature increase, which results in a need for ventilation.

The moisture ends up as water in the drains.

Note!

- 4 The hose must be "sloping" towards the drain and not form a water trap.

Installation of ventilating system

For ventilation, a thermostatically controlled fan, type EQ 250, is used. It can be ordered as item no. 988 80 20 43.

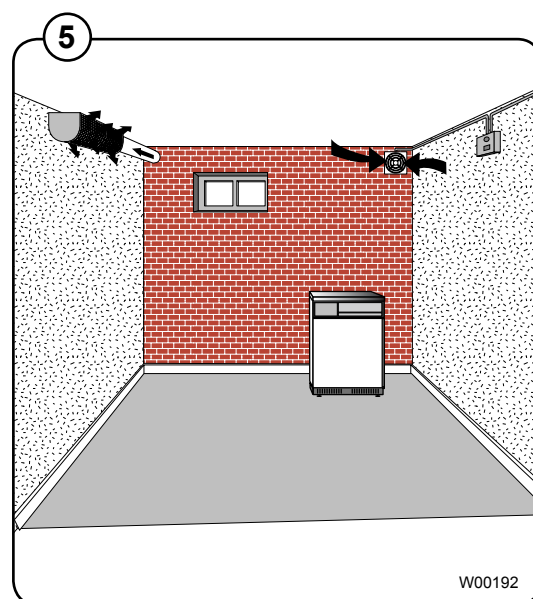
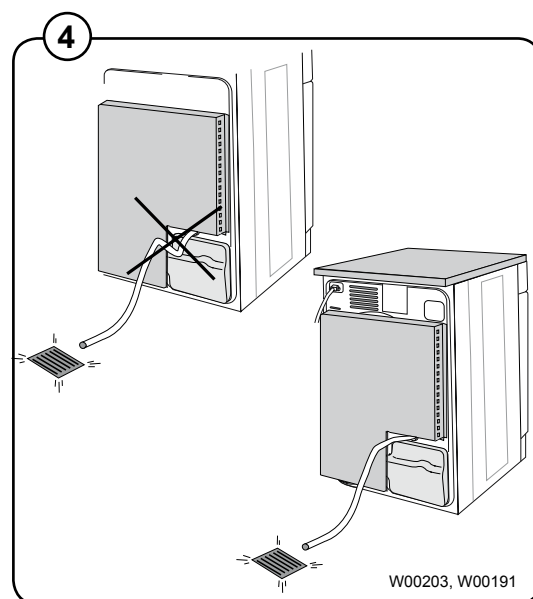
- 5 The fan is to be placed on a wall facing the outside behind the condensate dryer, while the thermostat is placed further into the room in an accessible place.

The fresh air intake must end in the room in front of the dryer, positioned diagonally from the fan.

Pressure drop max.: 10 Pa.

The fresh air requirement per dryer is 750 m³/h (if the temperature is kept constant).

The need for fresh air varies and is controlled by the thermostat.

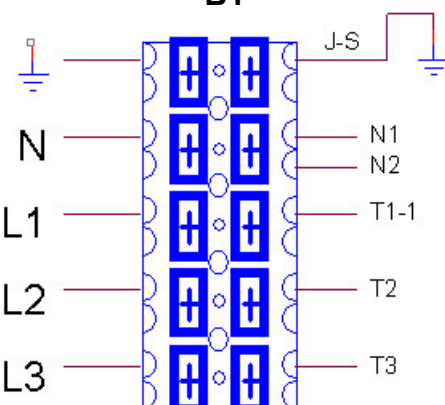
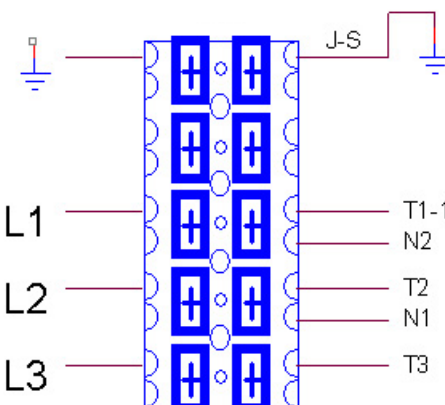
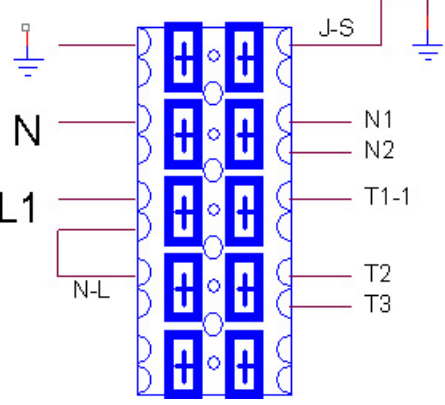
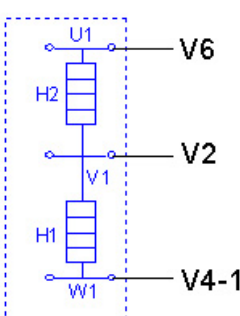


Changing over condensate dryers





To be carried out by qualified personnel

<div><p>3 x 400/415V + N 3,4kW</p><p>B1</p><p>W00193</p></div>	<div><p>3 x 200/230/240V 3,4kW</p><p>B1</p><p>W00194</p></div>
<div><p>1 x 230/240V 3,4kW</p><p>B1</p><p>W00195</p></div>	<div><p>Applies to all dryer types</p><p>H1 : 2000W H2 : 1000W</p><p>W00196</p></div>

Evacuation system

(does not apply to condensate dryers)

Air principle

The ventilator creates low pressure in the dryer, drawing air into the drum via the heating unit.

The heated air passes through the garments and the holes of the coarse filter.

Then the air flows through a lint screen positioned in the door. After this, the air is evacuated through the fan and the evacuation system.

It is very important that the dryer gets enough fresh air, see next section.

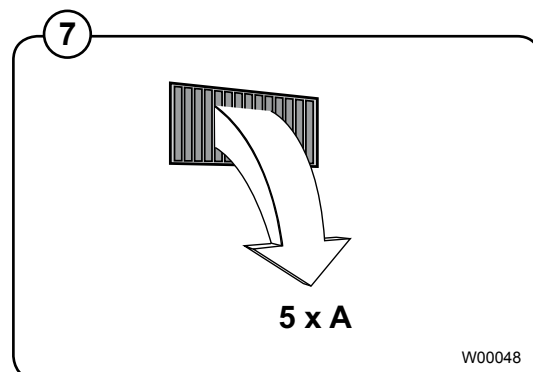
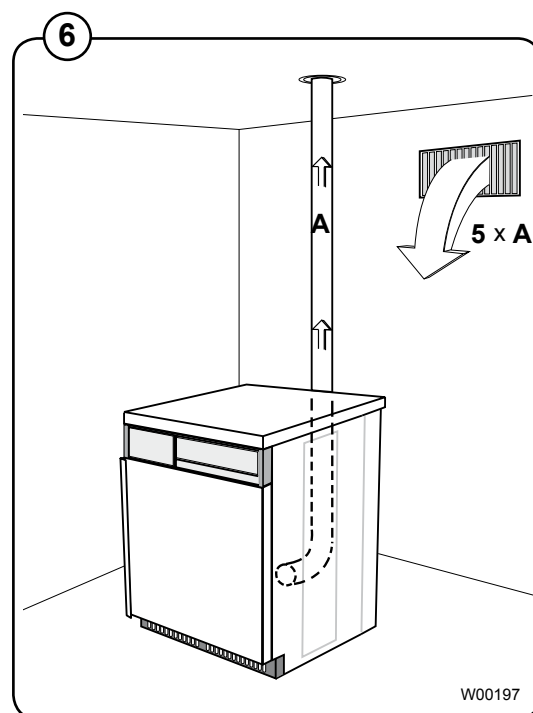
Fresh-air

- 6 For the machine to work optimally with the shortest possible drying time, it is important for the air input to the room to come from an aperture from outside through which the same amount of air is taken into the room as is blown out. To avoid a draught in the room, the air inlet should preferably be placed behind the dryer.

- 7 The free area* of the air inlet aperture must be five times the area of the exhaust duct. The resistance in the grating/slats should not exceed 10 Pa (0.1 mbar).

Note that grates/slatted openings often block half the total area of the fresh air intake. Remember to make allowance for this fact when dimensioning.

* The free area is the area which the air can flow through without resistance from grate/slatted opening.



Exhaust duct

- The exhaust duct must be smooth on the inside (low air resistance).
- The exhaust duct must lead to the outdoors.
- The exhaust duct must lead clear of the building as condensation may cause frost damage to the building.
- The exhaust duct must be protected against rain and foreign objects.
- ⑧ • The exhaust duct must have gentle bends.
- The exhaust duct must not be a shared duct between dryers and appliances using gas or other fuels as their energy source.

When several dryers share an exhaust duct

- ⑨ • The exhaust duct diameter must increase after each dryer.
The table below shows the exhaust duct diameter and the necessary fresh-air inlet area.

Note! It is recommended that each dryer is connected to a separate exhaust duct.



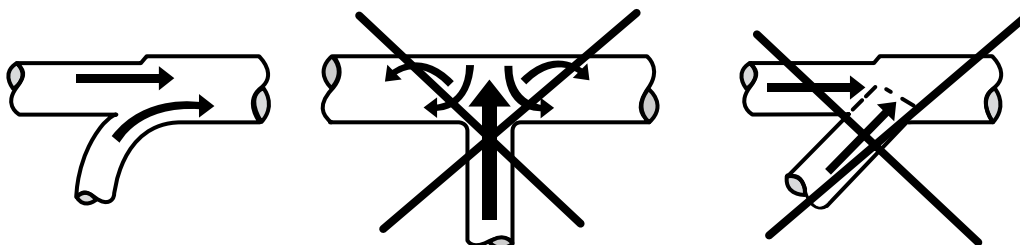
The evacuation pipe diameter must not be reduced.

No. of dryers	1	2	3	4
Exhaust m ³ /h	260	520	780	1040
d ø mm	100	100	100	100
Fresh air inlet cm ²	400	800	1200	1600
Exhaust duct length 0-6 m d ø	100	160	200	250
** Exhaust duct length 6-50 m d ø	160	200	250	350

** If the exhaust duct length exceeds 6 m the diameter must be increased.

Gentle bends

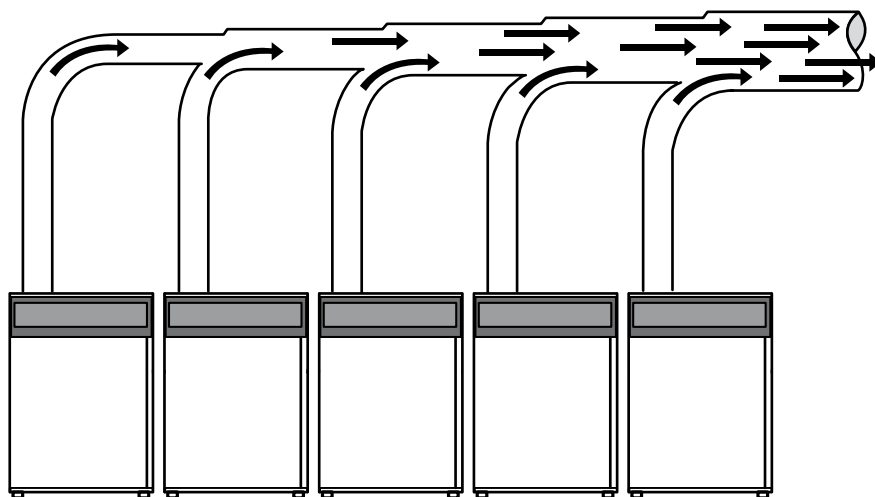
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W00145

Several dryers share an exhaust duct

9



W00198

Electric installation



To be carried out by qualified personnel

The dryer must be given a fuse group of its own and switch in accordance with IEC 60947.

For each dryer, a multi-pole permanent switch is to be placed in the permanent installation. It must be easily accessible, but there must be no mistaking it for the operating switch for the dryer.

The motor features an integrated thermal fuse, which is why motor protection in the installation is unnecessary.

Remove the top plate of the dryer to connect the cable. Install the dryer as a permanent installation.

See dimensions in the table.

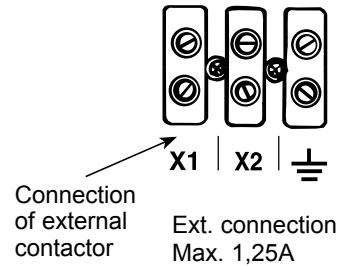
Function check, see next page.

The dryer must be equipped with supplementary protection in accordance with current regulations.

External fan

A connection terminal is available for controlling an external fan.

5



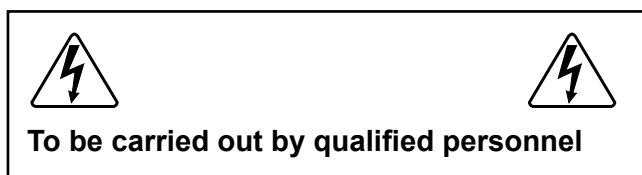
(Does not apply to marine models)

W00199

Cable dimensioning table

Type	Voltage	Power intake kW	Heating kW	Fuse A
Standard dryer	400-440V 3N / 3 AC	5.3	5.1	10
	200-240V 3 AC	5.3	5.1	16
	230-240V 3 AC	3.4	3.2	10
	230-240V 1 AC	3.4	3.2	16
Condensate dryer	400-440V 3N / 3 AC	3.4	3.0	10
	230-240V 3 AC	3.4	3.0	10
	230-240V 1 AC	3.4	3.0	16
	200V 3 AC	3.4	3.0	16

Function check



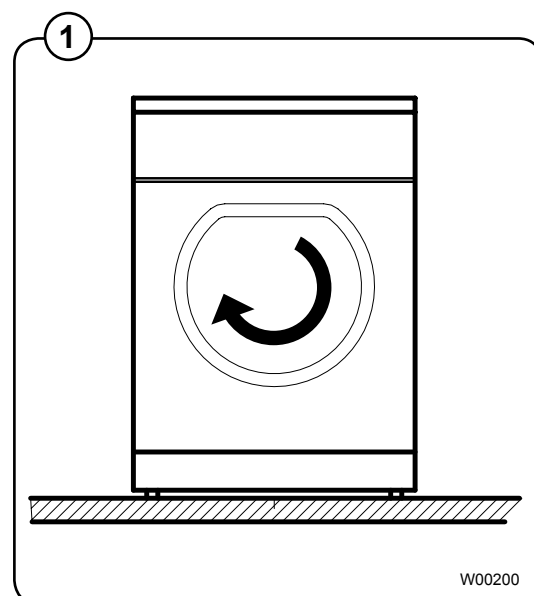
Check whether the drum is empty and the door has been closed.

Start the dryer

Check whether the door lock is working:

The drum must stop if the loading door is opened.

- ① The dryer has a single phase motor, which is why the direction of rotation (clockwise) is always correct.



Marine version

For dryers on board a ship (3-phase motor) the direction of rotation must be checked.

If the direction of rotation is not correct, swop two phases on the connection terminal.

Final test

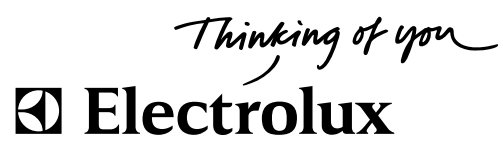
Let the dryer work for 5 minutes on a program that requires heat.

Then check whether the heating is working by opening the front door and feel the heat.

If the above tests-points are in order, the dryer is ready for use.

Service organisation/dealer

If deficiencies or errors are detected, please contact your local service organisation/dealer.



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