

Tumble dryer

TD6-17S



Dryer featuring exceptional savings and effortless use



Priority on people

Certified ergonomic design with a human-centered approach for an outstanding user experience

- Lint filter
The horizontal filter drawer is positioned for easy access and cleaning without the need to bend down
- Large door opening for easy loading and unloading
- Easy access to vital parts from front and rear for simple servicing
- Simple use operational panels with selection of temperature and time for easy operation and selection



Long-term savings

Innovative features to save money and time, and embrace a sustainable lifestyle with excellent water evaporation efficiency per kWh

- Moisture Balance (optional)
Helps to stop the drying process at the right time to save on energy costs
- The coin version with Ecopower to avoid over drying of the garments and get a lower energy consumption



Pure control

Monitor your equipment and performance from anywhere, allowing to take action and to improve your business with OnE Laundry - the personal assistant for hygiene validation management, process management and revenue management (optional)



Outstanding productivity

Dry more laundry in less time: a game-changing improvement

- Reversing drum
Minimizes wrinkles and drying time to get an effective and even drying performance with 2 full loads per hour per pocket

Main options and accessories

- Payment: coinmeter with Ecopower
The coin version with Ecopower to avoid over drying of the garments and get a lower energy consumption
- Stainless steel drum, Stainless steel front



Images shown are a representation of the product only and variations may occur.

Main specifications**			TD6-17S			
Rated capacity, filling factor 1:18	kg/lb		16.7/37			
	kg/lb		13.6/30			
Drum volume	litre		300			
Drum diameter	mm		760			
Heating	gas	BTU/h (kW)	71 700 (21)			
	el	kW	9.0 / 13.5 / 18.0			
Consumption data*			Gas	EI 9.0 kW	EI 13.5 kW	EI 18.0 kW
Total time at 13.6 kg	min		21	43	29	24
Energy consumption at 13.6 kg	kWh		7.11	6.65	6.51	6.51
Evaporation	g/min		329	160	231	279
Energy kWh/litre water evaporated	kWh/l		1.03	0.96	0.97	0.97

* At rated capacity 100% cotton load at 50% initial moisture dried to 0%.
 ** Value per pocket

Electrolux Industrial Dryers – Installation Guideline

Foundations

- The machine should be sited on a firm level floor capable of withstanding its loaded weight.

Setup

- Two persons are recommended for the unpacking.
- The machine is bolted onto the transport pallet, remove the bolts between the machine and pallet. There are two bolts in the front of the machine and two in the back of the machine.
- The machine is delivered with supporting feet & must be levelled.
- The machine should be positioned so that there is plenty of room for working -(min. 500mm), both for the user and service personnel.

Electrical supply

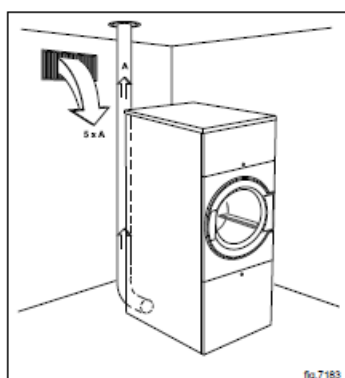
- A competent installer must carry out all work. All work and materials must comply with local and national codes of practice.
- The machine must be installed using correctly sized cable (not provided)
- Each dryer must be provided with a separate isolation point, usually a fused switched outlet, with it's own circuit.
- Electrical connections are made inside the rear service box located at the upper left of the machine. Notice must be taken of the connection diagram.
- The isolator must be in an accessible position for emergency shut off.

Gas supply

- A qualified and competent person should carry out the installation of the gas supply. All gas work must be carried out by a registered AGA gas operative and must comply with all regulations relating to the installation.
- Ensure that the correct pressure is supplied to the dryer. Depending upon the type of gas used if the inline pressure exceeds that which is required a regulator should be fitted. If this is the case consult the supplier.
- The machine is designed to burn at a certain rate, known as the BTU rating of the appliance. To ensure that this rate is maintained the gas supply should remain constant. To achieve this the supply line must be of the correct size. Distance from the meter and other appliances on the same supply will have an effect on the pressure. Each dryer should have a gas isolation tap test gauge point, and restraining wire/chain
- The machine should be connected to a supply using a flexible armoured hose as vibrations could cause a solid connection to fracture. The hose may have union or bayonet connection points. A bayonet connector should not be used as an isolation point.

Exhaust

- All exhaust ductwork must be designed by a competent operative to ensure that the installation does not have any detrimental effect on dryer performance.
- The duct should follow the shortest possible route to atmosphere using the least number of bends possible and should be constructed of a smooth wall, rigid stainless steel or galvanised tubing. Flexible ducting must not be used.
- The diameter of the duct must never be reduced in size.



- If a common duct is to be used to vent a multiple dryer installation the diameter shall be increased to accommodate the cumulative effect of all dryers.
- Exhaust terminations may be hooded weather cowl (china hat) for vertical ducts or a downturn 90° elbow for horizontal. Louvres or grills may be used to prevent entry by foreign objects but consideration must be given to potential restrictions to air flow. When louvres and grills are used they must be in an accessible location for regular cleaning
- The exhaust should be properly sealed at all joints (no rivets).
- The exhaust air should not be vented into a wall, a ceiling, or a concealed space of building. Air must be vented outdoors.

Ventilation

- The dryer removes a large amount of air, while it is operating, from the room via the exhaust. Therefore, the air inside the room must be continually replenished with fresh air from atmosphere.
- If there is an imbalance between the air being pushed out to that which is being drawn in, there will be an adverse effect on the performance and operation of the dryer.
- Where louvres or grills are fitted then the size should be increased to achieve the correct size of free air space. Ventilation must be fixed and unrestricted. Ventilation should not be positioned within two metres of exhaust duct outlet. If more than one dryer is installed the opening can be increased to match their requirements; there is no need to make a separate opening.
- The area of the air inlet opening must be five times the size of the exhaust pipe area. The area of the inlet opening is the area through which the air can flow without resistance from the grating/slatted cover.

Static Back Pressure

- It is important to calibrate static back pressure according to ducting provided on site, this ensures optimal energy efficiencies and best performance.
- Adjust the dryer's damper by demounting the lower back panel and loosening the screws. B in below image.
- Measure the pressure with an airflow meter by removing the NTC sensor (A) and testing the airflow, adjust the the damper until ideal pressure is reached per below table and tighten screws once achieved.

Model	Heating / Frequency	Static Back Pressure	Max Airflow
T5290	Electric / 50 Hz	400 Pa	550 m3/h
T5290	Gas / 50 Hz	400 Pa	610 m3/h
T5550	Electric / 50 Hz	650 Pa	940 m3/h
T5550	Gas / 50 Hz	650 Pa	940 m3/h
T5675	Electric / 50 Hz	500 Pa	1140 m3/h
T5675	Gas / 50 Hz	750 Pa	1140 m3/h

