

# Tumble dryer

## TD6-10



**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
- Reversible door hanging for a convenient laundry flow
- Easy access to vital parts from front and rear for simple servicing



### Long-term savings

Innovative features to save money and time, and embrace a sustainable lifestyle

- Moisture Balance (optional)  
Helps to stop the drying process at the right time to save on energy costs



### 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

### Main options and accessories

- Stainless steel base frame
- Connectable to booking-/payment system or coin meter
- Stainless steel drum, Stainless steel front



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

Main specifications			TD6-10			
Rated capacity, filling factor 1:18		kg/lb	10.6/23			
	filling factor 1:22	kg/lb	8.6/19			
Drum volume		litre	190			
Drum diameter		mm	680			
Heating,	electric	kW	6.0/8.0			
	gas	BTU/h (kW)	20500/27300 (6.0/8.0)			
<b>Consumption data*</b>			El 6.0 kW	El 8.0 kW	Gas 6.0 kW	Gas 8.0 kW
Total time full load		min	35	27	36	29
Energy consumption full load		kWh	3.45	3.53	3.67	3.74
Evaporation		g/min	102	129	106	131
Energy kWh/litre water evaporated		kWh/l	0.92	0.94	-	-

\* At rated capacity 1:22, 100% cotton load at 50% initial moisture dried to 0%.

Electrical connections					
Heating alternative	Main voltage		Heating power kW	Total power kW	Recommended fuse A
		Hz			
Electric heated	240V 1PH N+E**	50	6.0	6.4	30
	415V 3PH N+E**	50	6.0	6.4	10

\* Total power and recommended fuse does not depend on the heating power in those cases.

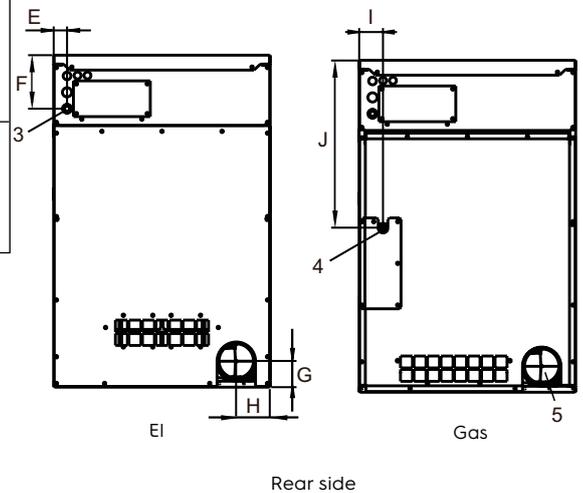
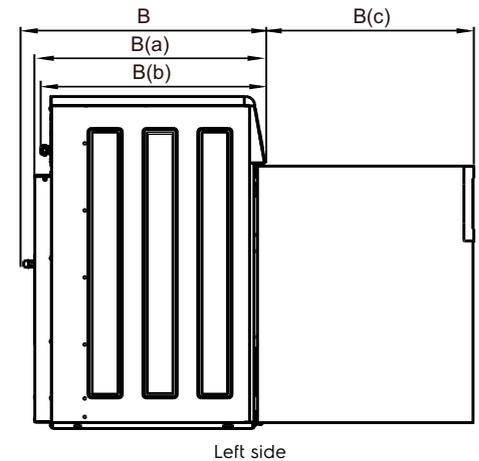
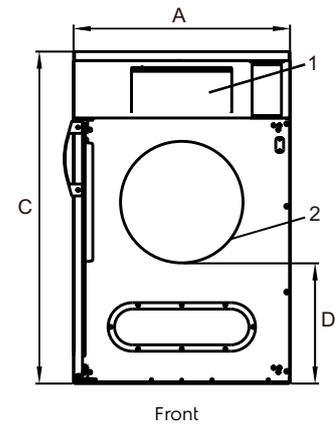
\*\* with a 5% tolerance range

Gas and air connections			TD6-10
Gas		in	1/2
Gas pressure	Natural gas	Pa	2000
		mbar	20
		LPG	2800-5000
		Pa	30
		mbar	125
Air outlet		∅ mm	270
Evacuated air	6.0 kW	m <sup>3</sup> /h	290
	8.0 kW		380
Pressure drop	6.0 kW	Max. Pa	350
	8.0 kW		
Sound levels			
Sound power/pressure level at drying*			
		dB(A)	67/53
Heat emission			
% of installed power, max			15
Shipping data**			
Weight		net, kg	99
Shipping volume		m <sup>3</sup>	0.83
Dimensions in mm			
A	Width		720
B(a)	Depth (Gas)		805
B(b)	Depth (El)		765
B(c)	Depth		750
C	Height		1115
D			405
E			45
F			180
G			90
H			115
I			80
J			560
1	Operating panel		
2	Door opening ∅ 400 mm		
3	Electrical connection		
4	Gas connection		
5	Exhaust connection		

Front and side panes in silver grey and door handle in dark blue (color samples can be ordered on part number 472998313).

\* Sound power levels measured according to ISO 60704.

\*\* Average data. Crated weight/shipping volume depends on configuration. Please contact logistics for exact measures.



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We reserve the right to alter specifications without notice.

# 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 its 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 cawling (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 damper until ideal pressure is reached per below table and tighten screws once achieved.

