

Tumble dryer

DE-645



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



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



Global Advanced Hygiene

Global Advanced Hygiene program package^I with proven log 6 reduction^{II} disinfection of textiles through the laundry process, fulfilling the criteria of all local approved standards

I. program is available in the standard library of gas and electric heated dryers, excluding products for specific segments where temperature is not controllable

II. log 6 reduction equals to 99,9999% viral infectivity reduction. The efficacy of reduction of SARS-CoV-2 and other pathogens in the process is confirmed by RISE (The Research Institute of Sweden) on the basis of Electrolux Professional laboratory data

Other options

- Insulated glass door keeps the door cool on the outside and heat on the inside, so the room temperature is not affected
- Lagoon Advanced Care
- Drum Speed Control adjusts the movement of the drum to help garments move correctly for a faster drying process
- Door, front and side panels are available in stainless steel
- Connectable to booking-/payment system or coin meter
- Adaptive Fan Control - The Adaptive Fan Control adjusts the fan speed automatically to keep air flowing efficiently which will save energy and help to optimize the drying time. (Only available on electric heated machines)
- High altitude kit for gas heated tumble dryers (>610 m)



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

Main specifications		DE-645			
Rated capacity, filling factor 1:18	kg / lb	20.0 / 44.1			
Rated capacity, filling factor 1:22	kg / lb	16.4 / 36.2			
Drum, volume	litre / ft ³	360 / 12.7			
Drum, diameter	ø mm / inch	755 / 29 3/4			
Heating alternatives:					
EI	kW	13.5 / 18.0			
Gas	kW / BTU/h	21.0 / 71700			
Steam at 102 psi	kW	25.0			
Consumption data¹		EI 13.5 kW	EI 18.0 kW	Gas	Steam
Total time	Min	36	27	26	23
Energy consumption	kWh	8.2	8.2	9.3	9.6
Evaporation	g/min / oz/min	228 / 8.0	302 / 10.7	321 / 11.3	352 / 12.4
Energy water evaporation	kWh/l / BTU/gallon	1.00 / 12916	1.00 / 12916	1.13 / 14596	1.17 / 15112

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

Electrical connections					
Heating alternative	Main voltage	Hz	Heating power kW	Total power kW	Recommended fuse ITCB A
Electric heated	208-240V 3-	60	13.5/18.0	14.5/19.0	50/60
	440V 3-	60	13.5/18.0	14.5/19.0	25/35
	480V 3-	60	13.5/18.0	14.5/19.0	25/30
Gas heated/Steam heated	120-480V 1/3-	60	1	1.0	15

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

Steam, gas and air connections ¹		DE-645
Steam	ISO 7/1-R	1"
Steam pressure	kPa / psi	100-1000 / 14.5-145
Steam consumption	kg/h / lb/h	35 / 77.2
Condensate	ISO 7/1-R	1"
Gas	ISO 7/1-R	1/2"
Gas pressure, Natural gas	Pa / psi mbar	2000 / 0.29 20
Gas pressure, Propane	Pa / psi mbar	2800-5000 / 0.41-0.73 28-50
Air outlet	ø mm / inch	200 / 7 7/8
Evacuated air, electric, 13.5 kW	m ³ /h / ft ³ /h	370 / 13066
Evacuated air, electric, 18.0 kW	m ³ /h / ft ³ /h	525 / 18540
Evacuated air, steam	m ³ /h / ft ³ /h	690 / 24367
Evacuated air, gas	m ³ /h / ft ³ /h	600 / 21189
Pressure drop, electric, 13.5 kW	Max. Pa Max. psi	750 0.109
Pressure drop, electric, 18.0 kW	Max. Pa Max. psi	650 0.094
Pressure drop, steam	Max. Pa Max. psi	650 0.094
Pressure drop, gas	Max. Pa Max. psi	650 0.094

Sound levels	
Sound power/pressure level at drying ²	dB(A) 72/56

Heat emission	
% of installed power, max	15

Shipping data ³	
Weight	net, kg / lbs 243 / 536
Shipping volume	m ³ / ft ³ 2.15 / 76

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|---|---|
| 1. Operating panel | 4. Gas connection / Electrical connection on electrical heated machines |
| 2. Door opening, ø 580 mm / 22 13/16 inch | 5. Exhaust connection |
| 3. Electrical connection on gas heated machines | 6. Condensate connection |
| | 7. Steam connection |

1. The default gas appliances are built to run on either GNH or LPG gas where shall be installed at not over than 610 m (2001 ft) high altitude otherwise a kit for high altitude must be installed to the machine. For the kit No. please refer to the spare parts list.
2. Sound power levels measured according to ISO 60704.
3. Average data. Crated weight/shipping volume depends on configuration. Please contact logistics for exact measures.

