



LEGEND:

- 1. Electronic control
- 2. Control panel lock
- 3. Emergency stop button
- 4. Door
- 5. Gas inlet
- 6. -
- 7. Main switch
- 8. Main power supply
- 9. Air outlet
- 10. Suction
- 11. Exhaust duct
- 12. Earthing connection

GAS CONNECTION:

Gas installation have to conform to local standards and rules.
 Install upstream of each dryer a manually operated gas shut-off valve on an easily accessible place, so that the guiding length from the valve to the machine connecting is less than 2m.
 Install a dirt and water vapour pipe trap per each dryer gas supply.
 Connect machine supply screwed-fitting and gas shut-off valve through the use of flexible gas hose.
 Flexible gas hoses and gas shut-off valves aren't part of machine delivery.
 Install pressure gauge between pressure reduction valve and manually operated gas shut-off valve because of gas pressure check.

EXHAUST SYSTEM:

The dryer produces hot humid air (maximum temp. 70°C), combustible lint and toxic gas. To reduce a risk of fire and health problems, the dryer must be exhausted to the outdoors by means of exhaust duct connected to exhaust piping.
 The design of the flue system shall be such that any condensate formed when operating the appliance from cold shall either be retained and subsequently re-evaporated or discharged.
 If possible, do not install dryers and gas fired hot water heaters or the other gravity vented appliances in the same room.
 The industrial dryer may be located only in ventilated space.
 Use exhaust ducts made of sheet metal or other noncombustible material.
 The dryer requires an action related to air which replaces the air exhausted from the dryer.
 Opening(s) for air supply from outside of the building should be as close to the dryer(s) as possible.
 Aerating opening(s) for the make-up air supply required per each individual dryer is 0,16 m².

	LS 530	LS 680
MACHINE DIMENSIONS		
Width - maximum	965 mm	965 mm
Depth	1270 mm	1490 mm
Height - maximum	1975 mm	1975 mm
Cylinder - diameter	930 mm	930 mm
- depth	780 mm	1000 mm
- capacity	530 l	680 l
Net weight	270 kg	300 kg
Air outlet	ø200 mm	ø200 mm
GAS		
Heating power	33 kW	46 kW
Gas connection	G ^{3/4} "	G ^{3/4} "
Gas pressure	G 20 ... 20 mbar G 30-31 ... 30 mbar	G 20 ... 20 mbar G 30-31 ... 30 mbar
Installation code	B ₂₂	B ₂₂
ELECTRICAL DATA		
Power - drive with reverse	0.25 kW	0.25 kW
- fun (for machine with reverse)	0.55 kW	0.55 kW
Power - non reversing model (standard)	0.55 kW	0.55 kW
Voltage system	3+N+PE ~50Hz 400/230V / TN-S	
Installed load	0.9 kW	0.9 kW
Amps	10 A	10 A
Conductor section (mm ² Cu)	5x 1.5	5x 1.5
Execution of internal protection	IP 43	IP 43
Sound of pressure level	68.7 dB (A)	68.7 dB (A)

Type	Min. air flow (m3/hod)	Optimum air flow (m3/hod)	Max. static back pressure at pipeline (Pa)
LS 530	950	1200	260
LS 680	1100	1400	300

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LS530
LS680
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TUMBLE DRYER