

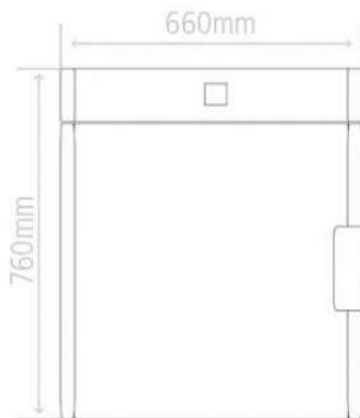
DRYING OVEN DO 120 - Digital Display



Important Features

- Air forced convection
- 7 segment digital display
- Programmable PID microprocessor control system.
- Programmable temperature and timer function
- Ambient temperature +20 °C to +250 °C
- Temperature homogeneity and stability accordance to DIN 12880.
- automatic thermostatic protection
- automatic adjustable ventilation
- 2 chrome-plated racks
- functional stainless steel AISI 304 interior chamber
- 2 years guarantee worldwide

Dimensions



Technical Specifications

Temperature

Working temperature range	min. +20°C ambient up to +250°C
Temperature fluctuation	0.1°C
Temperature accuracy	± 0.3 % (Over full scale)
Temperature unit	easy to choose Celsius or Fahrenheit
Temperature sensor	1 Pt100 sensor DIN class A in 2-wire-circuit

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Control technology

Language setting	English as default language
Control	Adaptive multifunctional digital PID-microprocessor controller
Display	4 digits, 7 segment digital display
Timer	Digital backward counter to target time setting
Timer control	Adjustable from 1 minute to 99:59 hour or continues
Delay timer	Programmable time delay function
Function set point wait	The timer does not start until the set temperature reached to the set point
Adjustable parameter	Temperature and time, automatic fan adjustable

Standard equipment

Door	Fully insulated stainless steel door with door lock
Calibration certificate	calibration certificate at +100°C (optional)
Interior	easy-to-clean interior made of stainless steel AISI 304 on all sides
Gasket	synthetic rubbers gasket
Housing	Electrostatic powder coated galvanized steel
Insulation	Fully isolated chamber by Rockwool covered by aluminum sheet to ensure high temperature stability
Emergency knob	Manual knob in case of emergency
External dimensions	660 (W) X 670 (D) X 760 (H) mm
Shelves	2-shelves chrome plated

Interior

Internal dimensions	500 (W) X 500 (D) X 500 (H) mm
Chamber	Easy to clean Stainless steel material no.: EN 1.4301 (AISI 304)
Useful volume	120 litter
Standard shelves	2-shelves chrome plated
Max. number of shelves	11
Permitted load	170 Kg
Load per shelve	15 Kg

Ventilation

Fan	forced air circulation by quiet air turbine automatically adjustable
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Safety

Auto diagnostic system	Audible alarm for fault analysis
Alarm	audible, can be switched off, adjustable limit on the independent temperature safety device
Standards	integrated independent temperature safety device with visual alarm accordance DIN 12880 EN 61010-1, EN 61010-2-010 in accordance EU directive 2014/35/EU DIN EN 61326-1:213, EN 61326-1 in accordance EU directive 2014/30/EU

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Class	class I in accordance with the EU directive MDD 93/42/EEC
Protection Class	IP20 according to EN 60529

working conditions

Installation	The distance between the wall and the rear of the appliance must be at least 15 cm. The sides distance must be not less than 5 cm. the distance from the ceiling must not be less than 20 cm
Temperature	+5 °C to +55 °C
Humidity	Max. 80% rh

Electrical data

Voltage	230 volts , 50/60Hz
Watt	1500 watt

* Other voltages available on request

Shipping information

Customs tariff number	8419 8998
Dimensions approx incl. carton	770 (W) X 780 (D) X 960 (H) mm
Net weight	50 Kg
Gross weight carton	60 Kg

Order information

Description	Model	Article number
Drying oven 120 Lt - Digital display - AMBIENT TEMPERATURE: +20 °C to 250 °C - 230V,50/60Hz	DO 120	3122.300

* Other voltages available on request