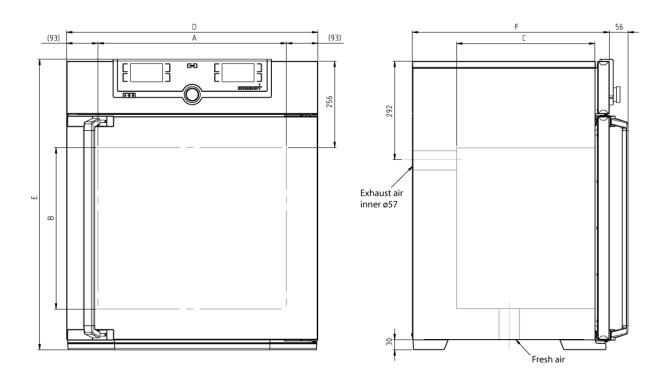


Universal Oven Um UN30mplus

The heating oven Um is a Class I medical device.



This universal oven made of high-quality hygienic, easy to clean stainless steel leaves nothing to be desired in terms of ventilation technology, control technology, overtemperature protection and perfectly tuned heating technology.



at least 5 (UN/UNplus/UNm/UNmplus) or 10 (UF/UFplus/UFm/UFmplus) above ambient temperature to +300 °C up to 99.9 °C: 0.1 / from 100 °C: 0.5
up to 99.9 °C: 0.1 / from 100 °C: 0.5
+20 to +300°C
2 Pt100 sensors DIN Class A in 4-wire-circuit for mutual monitoring, taking over functions in case of an error
TwinDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays.
German, English, Spanish, French, Polish, Czech, Hungarian
Digital backwards counter with target time setting, adjustable from 1 minute to 99 days
the process time does not start until the set temperature is reached
three freely selectable temperature values
temperature (Celsius or Fahrenheit), air flap position, programme time, time zones, summertime/wintertime
natural convection
adjustment of pre-heated fresh air admixture by air flap control in 10 % steps for each segment individually
vent connection with restrictor flap
programme stored in case of power failure
AtmoCONTROL software on a USB stick for programming, managing and transferring programmes via Ethernet interface or USB port
mechanical temperature limiter TB, protection class 1 according to DIN 12880 to switch off the heating approx. 20°C above nominal temperature
overtemperature monitor TWW, protection class 3.1 or adjustable temperature limiter TWB, protection class 2, selectable on display
additionally integrated over- and undertemperature monitor "ASF", automatically following the setpoint value at a preset tolerance range, alarm in case of over- or undertemperature, heating is switched off
in case of overtemperature
in case of overtemperature for fault analysis

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Standard	equip	oment

Door	fully insulated stainless steel door with 2-point locking (compression door lock)
Internals	1 stainless steel grid(s), electropolished
Works calibration certificate	Calibration at +160°C

Stainless steel interior

Interior	easy-to-clean interior,made of stainless steel, reinforced by deep drawn ribbing with integrated and protected large-area heating on four sides
Volume	32
Dimensions	$w_{(A)} \times h_{(B)} \times d_{(C)}$: 400 x 320 x 250 mm
Max. number of internals	3
Max. loading of chamber	60 kg
Max. loading per internal	20 kg

Textured stainless steel casing

Dimensions	w _(D) x h _(E) x d _(F) : 585 x 704 x 434 mm (d +56mm door handle)
Housing	rear zinc-plated steel

Electrical data

Voltage	230 V, 50/60 Hz
Electrical load	approx. 1600 W
Voltage	115 V, 50/60 Hz
Electrical load	approx. 1600 W

Ambient conditions

Set Up	The distance between the wall and the rear of the appliance must be at least 15 cm. The clearance from the ceiling must not be less than 20 cm and the side clearance from walls or nearby appliances must not be less than 5 cm.
Altitude of installation	max. 2,000 m above sea level
Ambient temperature	+5 °C to +40 °C
Humidity rh	max. 80 %, non-condensing
Overvoltage category	II
Pollution degree	2

Packing/shipping data

Transport information	The appliances must be transported upright
Customs tariff number	8419 8998
Country of origin	Federal Republic of Germany
WEEE-RegNo.	DE 66812464
Dimensions approx incl. carton	w x h x d: 660 x 890 x 650 mm
Net weight	approx. 45 kg
Gross weight carton	approx. 61 kg

Standard units are safety-approved and bear the test marks









