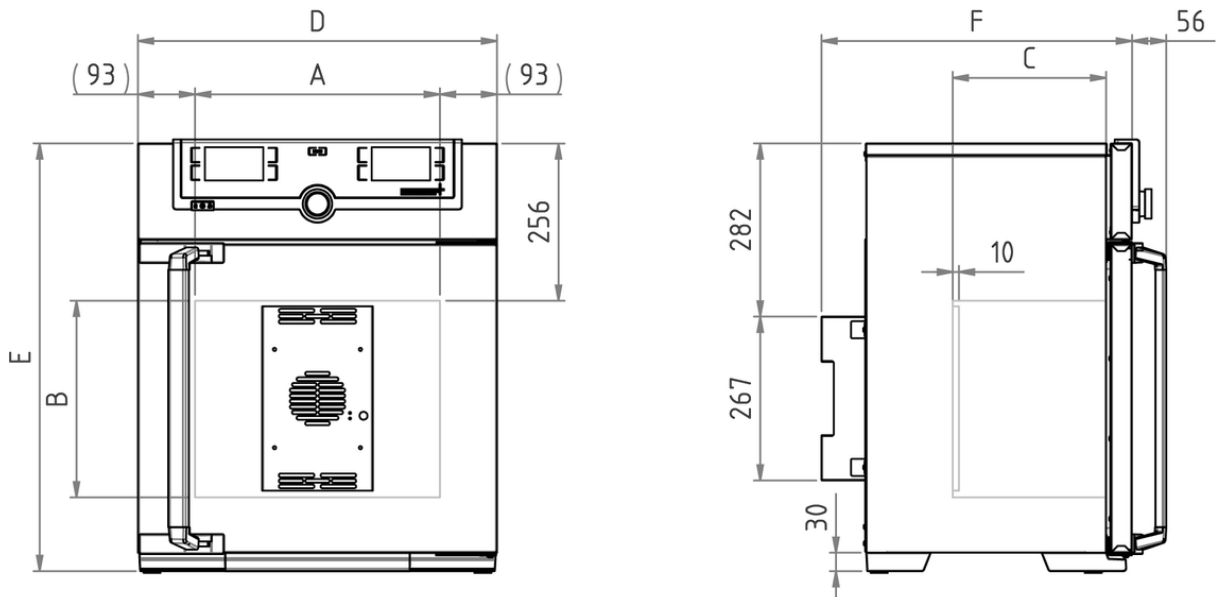


## Peltier-cooled incubator IPP30plus

Microbiology, zoology, food, cosmetics or pharma industry: the energy-saving cooled incubator with Peltier elements heats up and cools down seamlessly in one system.



With the help of our model selection, with dimensioned model sketches and extensive technical data for download, you will find your perfect Peltier-cooled incubator. For large volumes in conjunction with rapid temperature changes, the Memmert compressor-cooled incubator is recommended. Flexibility and technical features of our appliances meet all possible needs. Put us to the test!



## Temperature

<b>Setting temperature range</b>	0 to +70 °C
<b>Working temperature range</b>	without light: from 0 (at least 20 below ambient temperature) to +70°C
<b>Setting resolution temperature</b>	0.1 °C
<b>Temperature sensor</b>	2 Pt100 sensors DIN Class A in 4-wire-circuit for mutual monitoring, taking over functions in case of an error

## Control technology

<b>ControlCOCKPIT</b>	TwinDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-color displays.
<b>Language setting</b>	German, English, Spanish, French, Polish, Czech, Hungarian
<b>Timer</b>	Digital backwards counter with target time setting, adjustable from 1 minute to 99 days
<b>Function SetpointWAIT</b>	the process time does not start until the set temperature is reached
<b>Calibration</b>	three freely selectable temperature values
<b>adjustable parameters</b>	temperature (Celsius or Fahrenheit), timer

## Ventilation

<b>Convection</b>	forced ventilation by Peltier fan
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## Communication

<b>Documentation</b>	program stored in case of power failure
<b>Programming</b>	AtmoCONTROL software on a USB stick for programming, managing and transferring programs via Ethernet interface or USB port

## Safety

<b>Temperature control</b>	over- and undertemperature monitor TWW, protection class 3.3 or adjustable temperature limiter TWB, protection class 2, selectable on display
<b>AutoSAFETY</b>	additionally integrated over- and undertemperature protection "ASF", automatically following the setpoint value at a preset tolerance range, alarm in case of over- or undertemperature, heating function is switched off in case of overtemperature, cooling function in case of undertemperature
<b>Autodiagnostic system</b>	for fault analysis
<b>Alarm</b>	visual and acoustic

## Heating concept

<b>Peltier</b>	energy-saving Peltier heating-/cooling system integrated in the rear (heat pump principle)
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### Standard equipment

Door	fully insulated stainless steel door with 2-point locking (compression door lock)
Shelving	1 stainless steel grids, electropolished
Works calibration certificate	for +10°C and +37°C
Door	inner glass door

### Stainless steel interior

Dimensions	$w_{(A)} \times h_{(B)} \times d_{(C)}$ : 15.7 x 12.6 x 9.8 inches (d less 0.4" for fan - Peltier)
Volume	32 l / 1.1 cu ft
Max. number of shelves	3
Max. loading of chamber	132 lbs
Max. loading per shelf	44 lbs

### Textured stainless steel casing

Dimensions	$w_{(D)} \times h_{(E)} \times d_{(F)}$ : 23 x 27.7 x 19.9 inches (d +2.2" door handle)
Housing	rear zinc-plated steel

### Electrical data

Voltage	230 V ( $\pm 10\%$ ), 50/60 Hz
Electrical load	approx. 140 W / 0.7 A
Voltage	115 V ( $\pm 10\%$ ), 50/60 Hz
Electrical load	approx. 140 W / 1.3 A

### Ambient conditions

Set Up	The distance between the wall and the rear of the appliance must be at least 6". The clearance from the ceiling must not be less than 8" and the side clearance from walls or nearby appliances must not be less than 2".
Ambient temperature	16 °C to 40 °C
Humidity rh	max. 70 %, non-condensing
Altitude of installation	max. 2,000 m above sea level
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-Reg.-No.	DE 66812464
Dimensions approx incl. carton	w x h x d: 26 x 36 x 26 inches
Net weight	approx. 89 lbs
Gross weight carton	approx. 124 lbs

**Standard units are safety-approved and bear the test marks**

