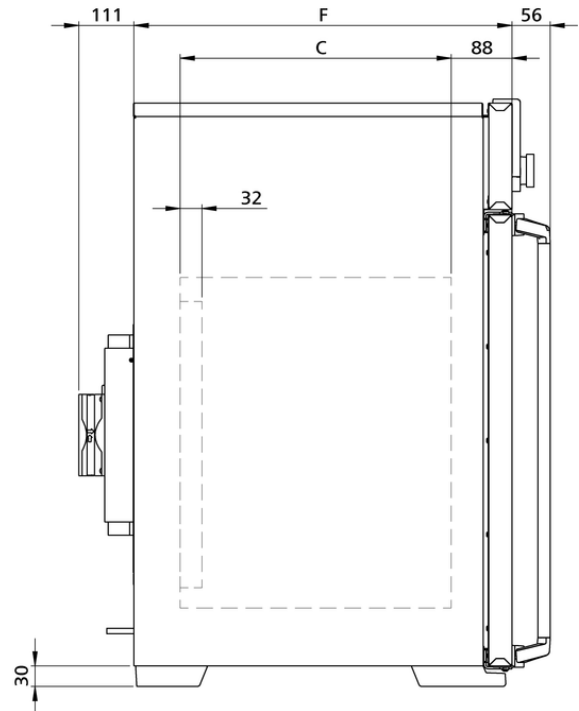
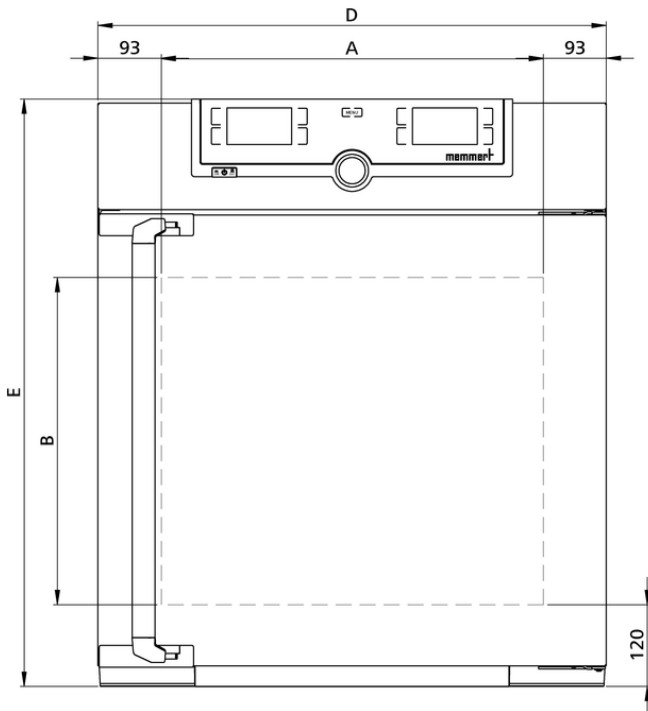


## Peltier-cooled incubator IPP110eco

Sets eco standards for cultivation below room temperature: unmatched energy efficiency, best values for heat-up, cool-down and recovery times.



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>	from 0 (at least 20 below ambient temperature) to +70°C
<b>Setting resolution temperature</b>	0.1 °C
<b>Temperature sensor</b>	1 Pt100 sensor DIN class A in 4-wire-circuit

## Control technology

<b>Language setting</b>	German, English, Spanish, French, Polish, Czech, Hungarian
<b>ControlCOCKPIT</b>	SingleDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with high-definition TFT-color display
<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>	settings stored in case of power failure
<b>Data logging</b>	AtmoCONTROL software for reading out, managing and organizing the data logger via Ethernet interface (temporary trial version can be downloaded). USB stick with AtmoCONTROL software available as accessory (sold separately).

## Safety

<b>Temperature control</b>	adjustable electronic overtemperature monitor
<b>Autodiagnostic system</b>	for fault analysis

## 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	2 stainless steel grid(s), electropolished
Works calibration certificate	for +10°C and +37°C
Door	inner glass door

### Stainless steel interior

Dimensions	$w_{(A)} \times h_{(B)} \times d_{(C)}$ : 22 x 18.9 x 15.7 inches (d less 1.3" for fan - Peltier)
Volume	108 l / 3.8 cu. Ft.
Max. number of shelves	5
Max. loading of chamber	330 lbs
Max. loading per shelf	44 lbs

### Textured stainless steel casing

Dimensions	$w_{(D)} \times h_{(E)} \times d_{(F)}$ : 29.3 x 34 x 21.9 inches (d +2.2" door handle)
Housing	rear zinc-plated steel

### Electrical data

Voltage	230 V ( $\pm 10\%$ ), 50/60 Hz
Electrical load	approx. 320 W / 1.4 A
Voltage	115 V ( $\pm 10\%$ ), 50/60 Hz
Electrical load	approx. 320 W / 2.8 A

### Ambient conditions

Set Up	The distance between the wall and the rear of the appliance must be at least 6 inches. The clearance from the ceiling must not be less than 8 inches and the side clearance from walls or nearby appliances must not be less than 2 inches.
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: 33 x 42 x 32 inches
Net weight	approx. 172 lbs
Gross weight carton	approx. 227 lbs

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

