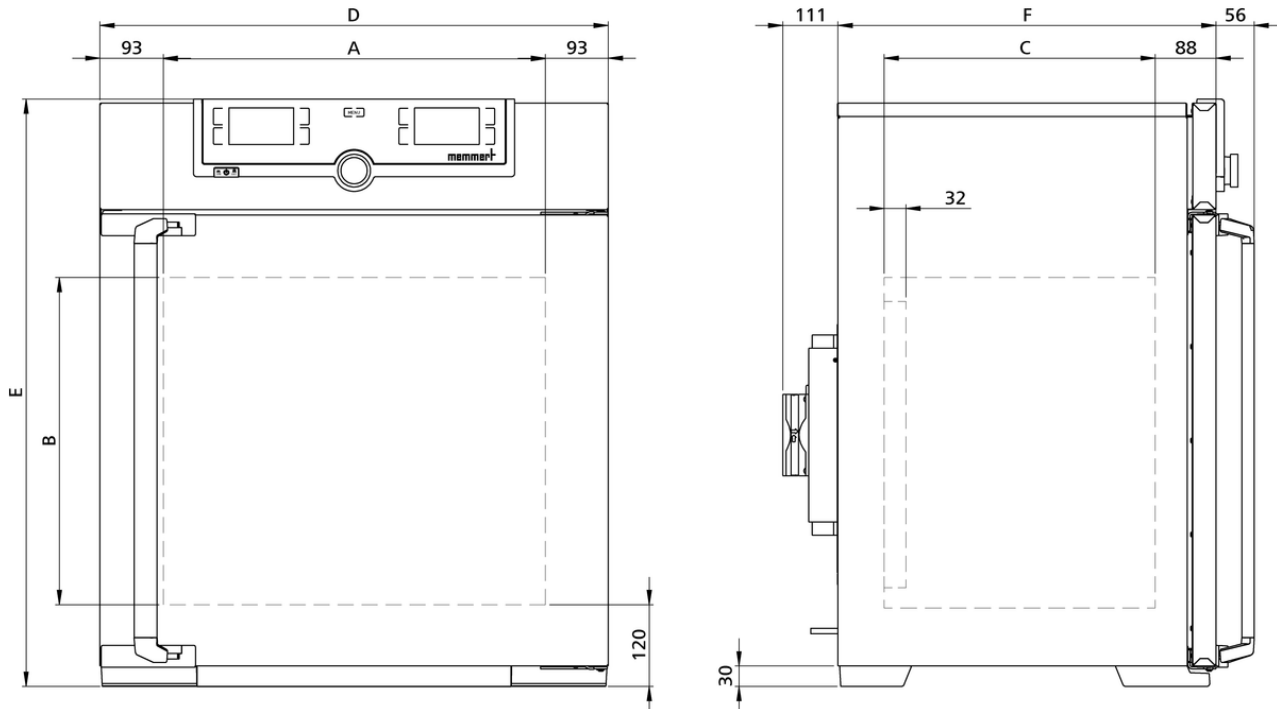


Peltier-cooled incubator IPP110eco

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

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

Control technology

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

Ventilation

Convection	forced ventilation by Peltier fan
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Communication

Documentation	settings stored in case of power failure
Data logging	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

Temperature control	adjustable electronic overtemperature monitor
Autodiagnostic system	for fault analysis

Heating concept

Peltier	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

