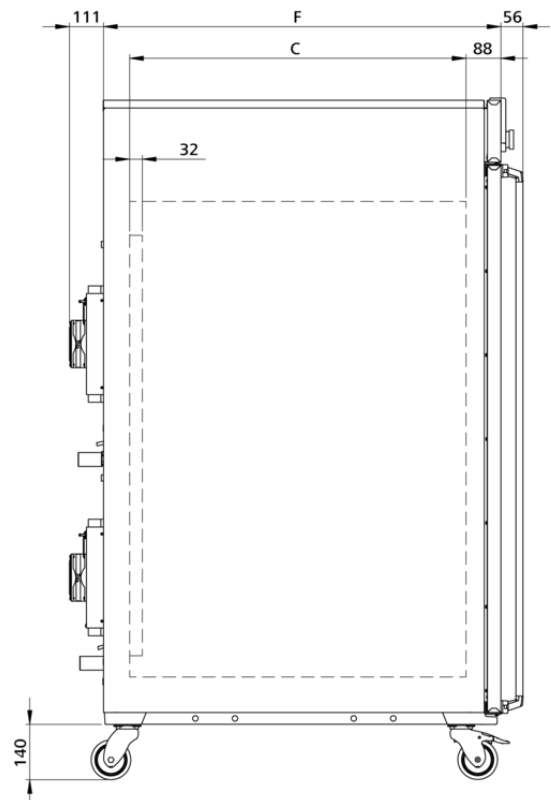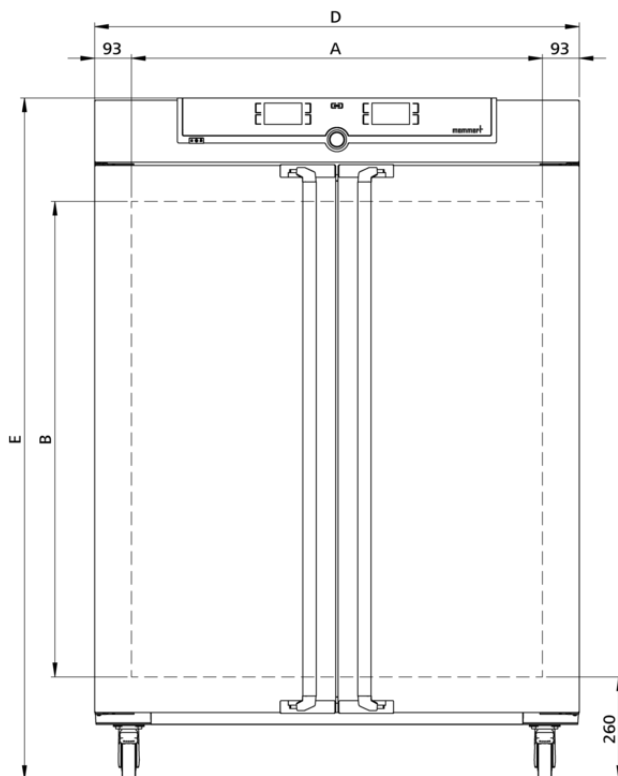## IPP1060ecoplus

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, dimensional model sketches and extensive technical data for download, you will find your perfect Peltier-cooled incubator. Flexibility and technical features of our appliances meet all possible needs. Put us to the test!



|  Memmert GmbH + Co. KG | Tel. +49 (0) 9122/925-0 | E-Mail info@memmert.com

## Temperature

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

## Control technology

| | |
|---|---|
| **ControlCOCKPIT** | TwinDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays. |
| **Language setting** | German, English, Spanish, French, Polish, Czech, Hungarian |
| **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), programme time, time zones, summertime/wintertime |

## Ventilation

| | |
|---|---|
| **Convection** | forced ventilation by Peltier fan |

## Communication

| | |
|---|---|
| **Documentation** | programme stored in case of power failure |
| **Programming** | AtmoCONTROL software on a USB stick for programming, managing and transferring programmes via Ethernet interface or USB port |

## Safety

| | |
|---|---|
| **Temperature control** | adjustable electronic overtemperature monitor and mechanical temperature limiter |
| **Autodiagnostic system** | for fault analysis |

## Heating concept

| | |
|---|---|
| **Peltier** | energy-saving Peltier heating-/cooling system integrated in the rear (heat pump principle) |

## Standard equipment

| | |
|---|---|
| **Works calibration certificate** | for +10 °C, +25 °C and +40 °C |
| **Door** | inner glass doors |
| **Door** | fully insulated stainless steel doors with2-point locking (compression door lock) |
| **Internals** | 2 stainless steel grid(s), electropolished |

## Stainless steel interior

| | |
|---|---|
| **Dimensions** | $w_{(A)}$ x $h_{(B)}$ x $d_{(C)}$: 1040 x 1200 x 850 mm (d less 32 mm for fan - Peltier) |
| **Volume** | 1060 l |
| **Max. number of internals** | 14 |
| **Max. loading of chamber** | 200 kg |
| **Max. loading per internal** | 20 kg |

## Textured stainless steel casing

| | |
|---|---|
| **Dimensions** | $w_{(D)}$ x $h_{(E)}$ x $d_{(F)}$: 1224 x 1720 x 1005 mm (d +56mm door handle & +111mm Peltier element) |
| **Installation** | on lockable castors |
| **Housing** | rear zinc-plated steel |

## Electrical data

| | |
|---|---|
| **Voltage** <br> **Electrical load** | 230 V, 50/60 Hz <br> approx. 1300 W |
| **Voltage** <br> **Electrical load** | 115 V, 50/60 Hz <br> approx. 1300 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. |
| **Ambient temperature** | 16 ºC to 40 ºC |
| **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: 1370 x 1970 x 1300 mm |
| **Net weight** | approx. 248 kg |
| **Gross weight carton** | approx. 327 kg |

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