



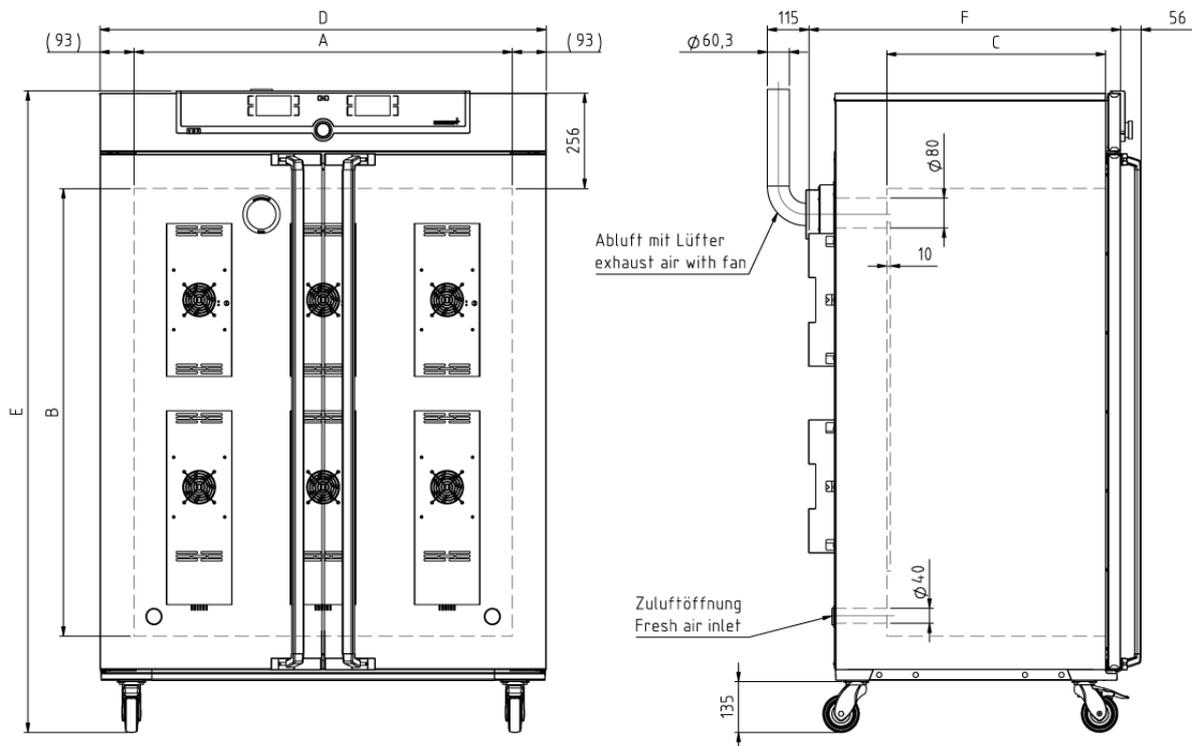
Constant climate chamber for keeping mice

HPP750life

Safe and stable air humidity in compliance with GV Solas guidelines.



On this page, you can find all the essential technical data on the Memmert climate chamber HPPlife for keeping mice. Our customer relations team will be pleased to help if you want further information. If you should require a customised special solution, please contact our technical specialists at myAtmoSAFE@memmert.com.



Temperature

Working temperature range with light: 0 °C to +40 °C

Setting accuracy temperature 0.1 °C

Temperature 2 Pt100 sensors DIN Class A in 4-wire-circuit for mutual monitoring, taking over functions in case of an error

Humidity

Setting range humidity 10 - 90 % rh

Humidity humidity supply with distilled water from external tank by self-priming pump

Humidification humidification by hot steam generator

Dehumidification dehumidification by cold trap using the Peltier technology

Dehumidification dehumidification by means of compressed air for safe and stable humidity values in compliance with GV Solas guidelines

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

adjustable parameters temperature (Celsius or Fahrenheit), relative humidity, programme time, time zones, summertime/wintertime

Timer Digital backwards counter with target time setting, adjustable from 1 minute to 99 days

Function HeatBALANCE adapting the distribution of the heating performance of the upper and lower heating circuit from -50 % to +50 %

Function SetpointWAIT the process time does not start until the set temperature is reached

Calibration three freely selectable values each, temperature and humidity

Ventilation

Convection forced ventilation by Peltier fan

Fresh air admixture 2 fresh air inlets (40 mm Ø) in the rear at the bottom, can be closed with stopper

Vent 1 exhaust air outlet in the rear at the top (80 mm Ø) with fan, to control the air exchange rate, adjustable in 10 % steps

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	over- and undertemperature monitor TWW, protection class 3.3 or adjustable temperature limiter TWB, protection class 2, selectable on display
AutoSAFETY	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
Autodiagnostic system	integral fault diagnostics for temperature and humidity control
Alarm	visual and acoustic

Heating concept

Peltier	Heating and cooling performance distribution by individual control of the Peltier elements in the upper and lower row
Peltier	energy-saving Peltier heating-/cooling system integrated in the rear (heat pump principle)

Standard equipment

Works calibration certificate	standard values +10 °C, +30°C and +37 °C at 60 % rh, 55 % rh at +5°
Door	inner glass doors
Door	fully insulated stainless steel doors with 2-point locking (compression door lock)
Internals	2 special stainless steel grids, reinforced, each with 2 LED light strips (on max. 3 levels), adjustable in 1 % steps (6.500 K cold white or 2.700 K warm white)

Stainless steel interior

Volume	749 l
Dimensions	$w_{(A)} \times h_{(B)} \times d_{(C)}$: 1040 x 1200 x 600 mm
Max. number of internals	14
Max. loading of chamber	200 kg
Max. loading per internal	30 kg

Textured stainless steel casing

Installation	on lockable castors
Dimensions	$w_{(D)} \times h_{(E)} \times d_{(F)}$: 1224 x 1726 x 874 mm
Housing	rear zinc-plated steel

Electrical data

Voltage	230 V, 50/60 Hz
Electrical load	approx. 1200 W
Voltage	115 V, 50/60 Hz
Electrical load	approx. 1200 W

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: 1330 x 1910 x 1050 mm
Net weight	approx. 208 kg
Gross weight carton	approx. 279 kg

Standard units are safety-approved and bear the test marks

