



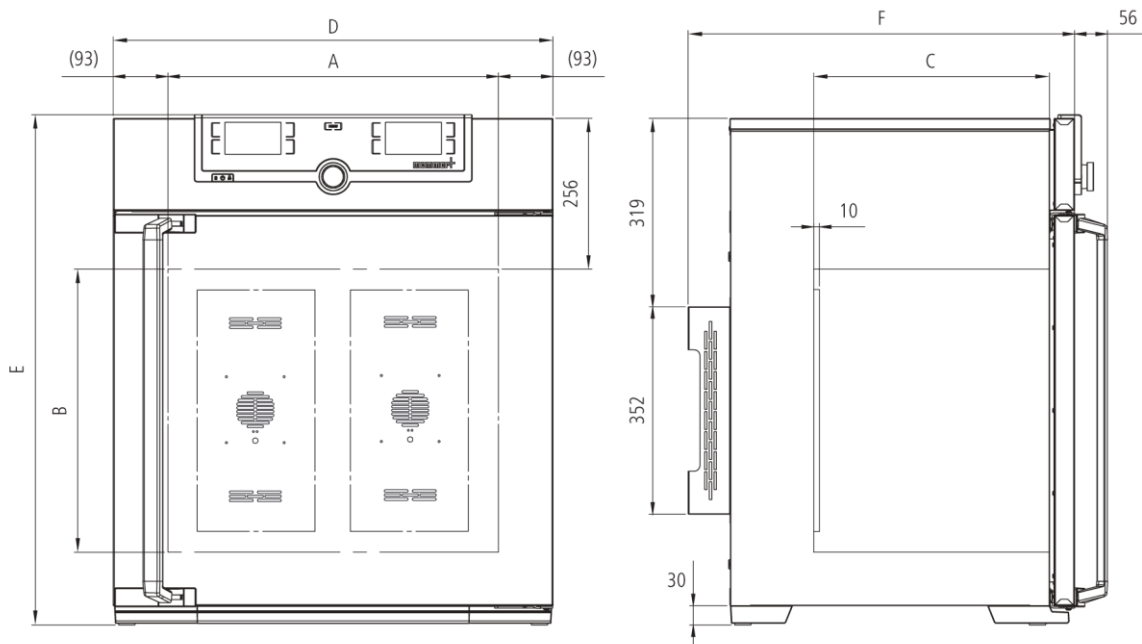
Climate chamber for keeping mice

HPP750life

„Specific Pathogen Free” (SPF) keeping of mice and rats 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.



Control of standard components

Control	COCKPIT	adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-color displays
Temperature		2 Pt100 sensors Class A in 4-wire-circuit, mutually monitoring and taking over the performance at the same temperature value
Timer		Digital backwards counter with target time setting, adjustable from 1 minute to 99 days
Humidity		active humidifying and de-humidifying adjustable from 10 - 90 % rh with digital display of relative humidity - resolution of display 0.1 %, setting accuracy 0.5 %
Humidity		dehumidification by means of compressed air for safe and stable humidity values in compliance with GV Solas guidelines
Humidity		humidity supply with distilled water from external tank by self-priming pump
Humidity		humidification by hot steam generator
Humidity		dehumidification by cold trap using the Peltier technology

Temperature

resolution of display for setpoint: 0.1°C Actual temperature values

		from 0°C to +70°C
		from +5 to +40°C with light temperature uniformity (spatial) / accuracy with closed fresh air inlet: 30°C/45 %: +/- 0.7 K, +/- 0.3 K with open fresh air inlet: +/- 1.5 K, +/- 0.3 K

Control technology

adjustable parameters		temperature (Celsius or Fahrenheit), relative humidity, program time, time zones, daylight savings time
Function	Setpoint	the process time does not start until the set temperature is reached
Function	Heat	adapting the distribution of the heating performance of the upper and lower heating circuit from -50 % to +50 %
Language setting		German/English/Spanish/French
Calibration		three freely selectable temperature values, 2-point calibration for humidity: 20 and 90 % rh

Ventilation

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 (max. air exchange rate 38 times/h)

Communication

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

Safety

Autodiagnostic system	integral fault diagnostics for temperature and humidity control
Alarm	audible and visual
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

Heating concept

Heating and cooling performance distribution by individual control of the Peltier elements in the upper and lower row

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

Standard equipment

Door	fully insulated stainless steel doors with 2-point locking (compression door lock)
Door	inner glass doors
Housing	rear zinc-plated steel
Installation	on lockable castors
Internals	2 special stainless steel grids, reinforced, each with 2 LED light strips, adjustable in 1 % steps (5.500 K cold white or 2.700 K warm white)

Stainless steel interior

$w_{(A)} \times h_{(B)} \times d_{(C)}$: 40.9" x 47.2" x 23.6"

Volume 749 l

Max. loading of chamber: 441 lbs

Textured stainless steel casing

$w_{(D)} \times h_{(E)} \times d_{(F)}$: 48.2" x 68" x 34.4"

Electrical data

115 V (+ / - 10%, 50/60 Hz / 10.4 amps

230 V (+ / - 10%), 50/60 Hz / 5.2 amps

Packing/shipping data

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: 52.4" x 75.2" x 41.3"
	Net weight approx. 459 lbs
	Gross weight carton approx. 615 lbs