

Humidity Chambers, Memmert



Ramp programming for temperature and humidity, active humidity control, and the precise temperature regulation provide for a controlled, physiologically ideal environment for the simulation of real conditions. Suitable for a wide range of applications from building physics over corrosion tests to biological research.

Humidity chamber HCP with TwinDISPLAY (a detailed description of the model variant can be found on page XXX)

This climate chamber offers the full range of comfort, reliability and safety. Thanks to active humidity control from 20% to 95% rh and unsurpassed homogeneity of temperature and humidity over the entire interior, it is ideally suited for environmental testing, environmental simulation, accelerated service life tests and 85/85 tests according to IEC 60068-2-67 and IEC 60068-2-78.

The active humidity control ensures an ideal homogeneity of temperature and humidity as well as short recovery times after opening the door in this attractively priced and practically maintenance-free climate chamber. In combination with heating on all six sides, including heated inner glass door, it also minimises vaporisation in the interior and thus the risk of condensed water dripping onto the test object. An aluminium thermal conductive layer supports optimum temperature distribution and serves as a heat accumulator in case of a temporary power failure.

Technical Data:

Work temperature range:	at least 7°C above room temperature to +90°C
Set temperature range:	+18°C to +90°C
Setting accuracy:	0.1°C
Setting range active humidity:	20% rh to 95% rh and rh-Off
Setting accuracy active humidity:	0.5% rh
Power supply:	230 V / 115 V, 50/60 Hz



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Type	Outer W x H x D mm	Inner W x H x D mm	Vol. approx. l	Wght kg	P rating approx. W	Order No.
HCP50	559x795x521	400x425x330	56	55	230 V: 1520 W	10 26 00508
① HCP105	719x850x591	560x480x400	107	75	230 V: 1720 W	10 26 01058
HCP150	719x1070x591	560x700x400	156	90	230 V: 1800 W	10 26 01508
HCP240	759x1180x691	600x810x500	241	110	230 V: 1840 W	10 26 02408

External dimensions: Depth without door handle, depth of door handle 38 mm.

Inner dimensions: Depth is reduced by 25 mm for the fan.

Stainless steel shelves, perforated

Standard version: size 50: 1 piece, sizes 105 to 240: 2 pieces

for type	Qty max.	Order No.	for type	Qty max.	Order No.
50	5	10 26 00158	240	12	10 26 05158
105/150	6/10	10 26 07418			

Stainless steel grids

for type	Qty max.	Order No.	for type	Qty max.	Order No.
50	5	10 26 03118	240	12	10 26 05118
105/150	6/10	10 26 04118			

An extensive selection of accessories and options is available on request.

We reserve the right to make changes in technical specifications. Dimensions subject to confirmation.

All performance data are typical mean values for serial devices.

