

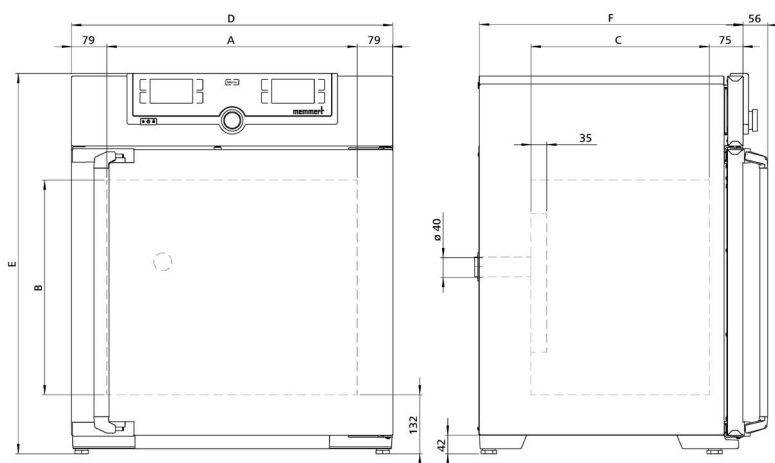
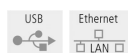
HUMIDITY CHAMBERS HCP

according to DIN 12880:2007-05; EN 61010-1 (IEC 61010-1); EN 61010-2-010

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



- Interior: stainless steel, material 1.4301 (ASTM 304), deepdrawn, seamlessly welded
- Housing: textured stainless steel 1.4016 (ASTM 430), rear zinc-plated steel 1.0037 (St37-2), intuitively operated TwinDISPLAY (TFT colour display) with touchscreen
- Door: fully insulated stainless steel door with 2-point locking (compression door lock) and heated inner glass door
- Connection: mains cable with plug (German type)
- Installation: 4 adjustable appliance feet
- Interfaces:



Model sizes/Description				50	105	150	240
Stainless steel interior	Volume	l		56	107	156	241
	Width	(A)	mm	400	560		600
	Height	(B)	mm	425	480	700	810
	Depth (less 35 mm for fan)	(C)	mm	330	400		500
	Max. number of grids/shelves	number		5	6	10	12
	Max. loading per grid/shelf	kg		15			
	Max. loading of chamber	kg		75	90	120	140
Textured stainless steel exterior	Width	(D)	mm	559	719		759
	Height	(E)	mm	795	850	1070	1180
	Depth (without door handle, depth of handle +56 mm)	(F)	mm	521	591		691
Standard equipment	Standard works calibration certificate (measuring point chamber center)	°C	+60 °C / 75 % rh				
	Perforated stainless steel shelf	number	1	2			
	Water tank including connection hose		●				
	Entry port (silicone), 40 mm clear diameter, moisture tight, can be closed by silicone stopper, at the back, centre left		●				
	Door-open-recognition		●				
Temperature	Working temperature range	°C	at least 7 above ambient temperature up to +90				
	Setting temperature range	°C	+18 to +90				
	Setting accuracy	°C	0,1				
Humidity	Setting range active humidity control	% rh	20 to 95 and rh-off				
	Setting accuracy	% rh	0.5				
Further data	Electrical load at 230 V, 50/60 Hz	W	1520	1720	1800	1840	
	Electrical load at 115 V, 50/60 Hz	W	1520	1720	1800	1840	
Packing data	Net weight	kg	55	75	90	110	
	Gross weight (packed in carton)	kg	74	100	116	145	
	Width	mm	730	800		840	
	Height	mm	950	1030	1250	1360	
	Depth	mm	640	800		900	
Order No. Humidity Chambers			HCP50	HCP105	HCP150	HCP240	

Options	50	105	150	240
Voltage 115 V, 50/60 Hz		X2		
Battery-buffered ControlCOCKPIT: uninterrupted supply for the entire display unit (ControlCOCKPIT) and therefore complete documentation of all parameters even when there is a power failure		C2		
Entry port with 23 mm clear diameter, can be closed, standard position	left centre/top	F1		
	right centre/top	F3		
4 - 20 mA current loop interface	Temperature controller, actual value (0 to +100 °C = 4 - 20 mA)	V3		
	Humidity controller, actual value (0 to 100 % rh = 4 - 20 mA)	V7		
Door with lock and key (safety lock)		B6		
Potential-free contact for combination error message (e.g. supply failure, sensor fault, fuse)		H6		
MobileALERT, notification by SMS in case of any error or alarm of the device (requires option H6)		C3		
MobileALERT for 2 alarm notifications; notification by SMS, temperature and humidity alarm (requires option H6)		C4		

Accessories	50	105	150	240
Stainless steel grid, electropolished	E20164	E20165		E43118
Perforated stainless steel shelf	E35160	E37418		E35158
Central water supply with filter cartridges for connection to the domestic water supply. Product information on demand		ZWVR6		
Central water supply without filter cartridges for connection to the domestic water supply (only for demineralised water with a conductivity of 5 to 10 µS/cm and a pH value between 5 and 7). Product information on demand		ZWVR7		
Stacking set (consisting of stacking corners, one connecting plate for the rear, two wall brackets) for stacking of two units of same size (requires subframe B33509 or B43598)		-		B48129
Stacking set (consisting of stacking corners, one connecting plate for the rear, two wall brackets) for stacking of two units of same size		-	B42114	-
Stacking set (4 pcs) for stacking of appliances of same size	B29744		-	
Subframe, on castors (height 120 mm; stainless steel, material 1.4301)		-		B43598
Subframe (622 mm high) adjustable in height (sizes 150/240: should not be used for 2 stacked units)	B33504	B33505		B33506
Subframe (130 mm high); sizes 150/240: only in combination with the corresponding stacking sets for stacked appliances	B33507	B33508		B33509
External measuring instrument with additional measuring head for temperature and humidity measurement. Product information on demand		B04714		

Accessories Software and Connectivity	50	105	150	240
Software conforming to FDA AtmoCONTROL. Meets the requirements for the use of electronically stored data sets and electronic signatures as laid down in Regulation 21 CFR Part 11 of the US Food and Drug Administration (FDA). Respective IQ/OQ documents available in German and English language (without surcharge)		FDAQ1		
Integration of additional units (up to max. 31 units) into an already existent FDA-software licence		FDAQ2		
USB User-ID stick (with User-ID licence): Oven-linked authorisation licence (User-ID-programme) on Memory-stick, prevents undesired manipulation by unauthorised third parties. When reordering please specify serial number		B33170		
Ethernet connection cable 5 m for computer interface		E06189		
USB-Ethernet adapter		E06192		