











		CHL 1	CHL 2	CHL 3	CHL 4	CHL 5	CHL 6	CHL 500	CHL 700	CHL 1200	CHL 1450
Parameter											
air convection		forced									
chamber capacity [l]		70	150	200	250	300	400	500	625	1365	1540
working capacity [l]		55	122	163	203	243	324	469	611	1355	1525
door type		solid / glass or double ¹ (option)									
temperature range [°C]		0...+15									
temperature resolution [°C]		every 0,1									
controller		microprocessor PID, 4,3" (Smart) / 7" (Smart PRO) full colour touch screen									
interior	B (basic)	aluminum									
	C (comfort)	stainless steel to DIN 1.4016									
	CS (comfort/S)	stainless steel to DIN 1.4016									
	P (premium)	acid-proof stainless steel to DIN 1.4301									
	PS (premium/S)	acid-proof stainless steel to DIN 1.4301									
housing	B (basic)	powder coated sheet									
	C (comfort)	powder coated sheet									
	CS (comfort/S)	polished stainless steel									
	P (premium)	powder coated sheet									
	PS (premium/S)	polished stainless steel									
overall dims ² [mm]	A width	570	620	620	620	620	620	660	750	1480	1460
	B height	660	900	1100	1300	1500	1900	1990	1990	1990	1940
	C depth	680	650	650	650	650	650	810	890	890	990
internal dimis ³ [mm]	D width	430	480	480	480	480	480	480	540	1270	1270
	D' width	470	520	520	520	520	520	510	600	1340	1340
	E height	430	660	860	1060	1260	1660	1510	1510	1510	1460
	F depth	300	420	420	420	420	420	610	680	680	780
	F' depth	360	480	480	480	480	480	-	-	-	-
	G depth	-	320	320	320	320	320	-	-	-	-
	H height	-	440	640	840	1040	1440	-	-	-	-
max shelf workload ⁴ [kg]	-	10	10	10	10	10	10	20	30	30	30
	PW ⁵ version	on request						100	100	100	100
max unit workload [kg]	-	20	30	40	50	60	60	100	150	300	300
	W ⁶ version	on request									
nominal power [W]		250	250	250	250	350	350	650	650	650	950
weight ⁷ [kg]		37	54	61	69	75	90	105	121	185	200
temperature fluctuation* at +4°C [±/°C]		0,4	0,4	0,4	0,4	0,4	0,6	0,6	0,8	1,0	1,0
temperature variation* at +4°C [±/°C]		0,7	0,7	0,7	0,8	0,9	0,9	1,0	1,0	1,2	1,2
temperature protection		class 1.0 to DIN 12880 / class 3.2 (option) / class 3.2 in Smart PRO									
power supply**		230V 50-60Hz									
shelves fitted/max		2/2	3/4	3/4	4/6	4/7	4/10	3/11	3/11	2 x 3/11 ⁸	2 x 3/11 ⁸
refrigerant		R1234ze / GWP=1						R290 / GWP=3			
warranty		24 months									
manufacturer		POL-EKO-APARATURA									

all the above technical data refer to standard units (without optional accessories)

* - fluctuation measured in centre of chamber; in space, variation (K) calculated for chamber as: $K = \pm (T_{avg\ max} - T_{avg\ min}) / 2$

** - other power supplies on request

1 - additional internal glass door

2 - depth doesn't include 50 mm of power cable

3 - dims of units with double door are smaller

4 - on uniformly loaded surface

5 - reinforced shelf

6 - reinforced version

7 - for units with solid door, in version B (basic)

8 - two columns with 3 shelves each

Options and accessories (icon description see pages 76-82)

