Data sheet

print date: 2026-11-06

Pharmaceutical Refrigerator

CHS-C 500 A



The photo above is for reference only, may show additional options not included in standard equipment. The real appearance, particularly color and structure of the material may differ from the ones presented in the photo.

Standard features of the CHS-C

- glass door
- temperature range from 0°C to +10°C
- lockable chamber
- easy-to-use microprocessor-based temperature controller
- external (LED) display showing the temperature inside the chamber
- opening for an external sensor (Ø30 mm)
in the left-hand wall of the unit
- alarm for when the set temperature is exceeded
- forced air circulation ensuring an even
temperature distribution within the chamber
- wire shelves ensuring free air flow



Richmond Scientific

TECHNICAL DATA

air convection	forced
chamber capacity [l]	506
working capacity [l]	467
controller	microprocessor with external LED display
display	LED

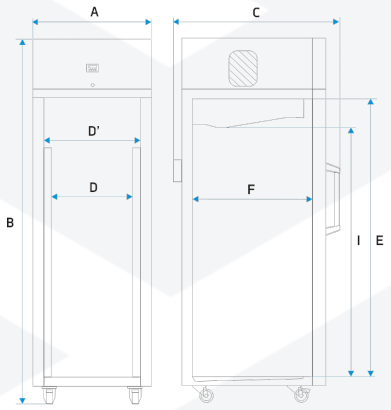
TEMPERATURE

temperature range [°C]	0...+10
temperature resolution every ... [°C]	0,1
temperature fluctuation at 4°C [+/-°C]*	1
temperature variation at 4°C [+/-°C]*	2
temperature protection	class 1.0 to DIN 12880

CHAMBER

door type	glass
interior	stainless steel to DIN 1.4016
housing	powder coated sheet

overall dims [mm] /1/	
width A	640
height B	1990
depth C	880
internal dims [mm]	
width D	470
width D'	510
height E	1510
depth F	610
height I	1350

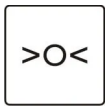


shelves (standard | max)	3 | 11
max shelf workload [kg] /2/	20
- reinforced shelf version (PW) [kg] /3/	100
max unit workload [kg]	100
weight [kg]	125

ELECTRICAL PARAMETERS	
voltage	230V 50/60Hz
nominal power [W]	450
refrigerant	R290 / GWP=3
warranty	24 months
manufacturer	POL-EKO®

all the above technical data refer to standard units (without optional accessories)
* - fluctuation measured in centre of the chamber; in space, variation (K) calculated for chamber as:
K= +/- (T average max. - T average min.) / 2
** - other power supplies on request
1 - depth doesn't include 50 mm of power cable, the width does not include the 20 mm of rubber plug

OPTIONS AND ACCESSORIES

	Order number: */P INOX	Stainless steel wire shelf INOX
	Order number: ST/CHL/SWP ALU	Aluminum drawer with powder coated slides
	Order number: ST/CHL/SWPN INOX	Stainless steel drawer with stainless steel slides
	Order number: QLK*	Castors
	Order number: BRT/*/L or IQ/OQ/PQ	Calibration and IQ, OQ, PQ qualification