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POL-EKO A.Polok-Kowalska sp.k.
44-300 Wodzisław Śląski
ul. Kokoszycka 172 C

Data sheet

1	
type	

TECHNICAL DATA

air convection	
chamber capacity [l]	
working capacity [l]	
number of boxes 133x133x50mm (option) [pcs]	
controller	
display	
insulation type	

TEMPERATURE

TEMPERATURE AND HUMIDITY

temperature range [°C]	
Working temperature range without humidity [°C]	
Temperature variation (spatial) at 40°C [+/-°C]	
Temperature fluctuation (time) at 40°C [+/-°C]	
Working temperature range with humidity [°C]	
temperature resolution every ... [°C]	
Temperature variation (spatial) at 40°C, 75% RH [°C]	
Temperature fluctuation (time) at 40°C, 75% RH [°C]	
Temperature variation (spatial) at 25°C, 60% RH [°C]	
Temperature fluctuation (time) at 25°C, 60% RH [°C]	
cooling time from +20°C to -80°C [min]	
heating time in case of power failure -80°C to -60°C [min]	
Temperature accuracy at 20°C [+/-°C]*	
temperature fluctuation at 37°C [+/-°C]*	
temperature fluctuation at 105°C [+/-°C]*	
temperature fluctuation at 4°C [+/-°C]*	
temperature fluctuation at -20°C [+/-°C]*	
temperature fluctuation at -80°C [+/-°C]*	
temperature variation at 25°C and 60%rH [+/-°C]*	
temperature variation at 37°C [+/-°C]*	
temperature variation at 105°C [+/-°C]*	
temperature variation at 4°C [+/-°C]*	
temperature variation at -20°C [+/-°C]*	
temperature variation at -80°C [+/-°C]*	
temperature fluctuation at 25°C and 60%rH [+/-°C]*	
Temperature recovery time after 30 seconds door opening at 37°C [min]	
temperature protection	

CO_2

CO_2 range [%]	
CO_2 resolution every ... [%]	
CO_2 measurement	
CO_2 recovery time after 30 seconds door opening at 5 Vol.-% CO2 [min]	
relative humidity range [%]	
humidity resolution every ... [%]	

humidity variation at 25°C and 60% rH [%rH]
Stabilność wilgotności w 25°C i 60%rH [%rH]
Humidity variation (spatial) at 40°C, 75% RH [+/-%RH]
Humidity fluctuation (time) at 40°C, 75% RH [+/-%RH]
Humidity variation (spatial) at 25°C, 60% RH [+/-%RH]
Humidity fluctuation (time) at 25°C, 60% RH [+/-%RH]
Recovery time to set values after 30 sec door open at 40°C, 75% RH [min]

CHAMBER

door type
interior
B Smart
C Smart
CS Smart
P Smart
PS Smart
Smart
IG Smart
C Smart PRO
CS Smart PRO
P Smart PRO
PS Smart PRO
Smart PRO
IG Smart PRO
housing
B Smart
C Smart
CS Smart
P Smart
PS Smart
Smart
IG Smart
C Smart PRO
CS Smart PRO
P Smart PRO
PS Smart PRO
Smart PRO
IG Smart PRO

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overall dims [mm] /1/	
width A	
height B	
depth C	
internal dims [mm]	
width D	
width D'	
height E	
depth F	
depth F'	
depth G	
height G	
height H	
height I	

shelves (standard | max)	
max shelf workload [kg] /2/	
number of internal chambers	
number of drawers	
max drawer workload [kg]	
- reinforced shelf version (PW) [kg] /3/	
max unit workload [kg]	
- reinforced unit version (W) [kg] /4/	
External water tank capacity [l]	
weight [kg]	

ELECTRICAL PARAMETERS

Energy consumption at 37°C [Wh/h]	
voltage**	
Energy consumption at 25°C, 60% RH [Wh/h]	
Energy consumption at 40°C, 75% RH [Wh/h]	
nominal power [W]	
refrigerant	
Noise level [db(A)]	
warranty	
manufacturer	
txt_opis_pt	
PL typ urządzenia	
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