



SPECIFICATIONS
PRC 1200 SL

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CABINET HOUSING AND SYSTEMS:

Hettich Benelux Article number	8800.0000
Cabinet size external D x W x H in mm	1355 x 910 x 2025
Cabinet size internal D x W x H in mm	950 x 690 x 1460 (1500 without baseplate)
Internal volume in liters	973
Internal construction	stainless steel 304, RAL 9016 coated
Exterior construction	galvanised steel, RAL 9016 coated
Floor space in m ²	1,01
Wall isolation / thickness in mm	55, Glass 21 mm - 2,8 W/m ² K
Castors	4 swivel castors with adjustable foot
Water drain in floor connection	1/2" external thread
Lockable door	yes
Transit port location and size	in the back wall, 27 mm
Fresh air inlet	adjustable, in the back wall
Humidity system (optional)	ultrasonic, ambient to 90%; +/- 3%, temp. depending
Humidity sensor (optional)	capacitive
CO ₂ system (optional)	up to 10.000 ppm adjustable
Airflow system	horizontal, through the back pressure wall to the front
Visual alarm notification	at front panel, red - green LED lights

SHELVES:

Maximum tiers of shelves	15
Number of standard delivered shelves	5
Max. load per shelf in kg	50
Shelf size (W x D) in mm	630 x 900
Growth area per shelf in m ²	0,57
Max. total growth area in m ² (15 shelves)	8,5
Minimum clearance between shelves in mm	40
Shelf material	perforated stainless steel 304

LIGHT SYSTEM:

Light intensity	100-125 μmol.m-2.s-1, measured at a 90° angle at a distance of about 25 cm
Light dimmable	between 10% and 100%
Light colour / spectrum	white, spectrum is 95% sunlight compatible

COOLING SYSTEM:

Type of cooling system	top mounted aircooled system
Refrigerant	R134a
Refrigerant in kg	0,28
GWP-value	1430
CO ₂ equivalent per 1000 kg	400

SPECIFICATIONS:

Environmental temperature in °C	15 - 25
Temperature range lights on °C	10 - 45
Temperature range lights off °C	4 - 45
Temperature homogeneity lights on, including (optional) humidity in °C	+/- 1,5
Temperature homogeneity lights off in °C	+/- 1,0
Temperature adjustable in °C	per 0,1
Airflow speed in m/s	< 0,2
Noise level in dB(A)	< 45

ELECTRICAL AND SUPPLIES:

Deionised water supply for humidier (optional)	< 5μS/cm; 1/4" internal thread; 0,5 - 6 Bar
Electrical supply	230V, AC, +/- 10%, 50/60Hz
Potential free alarm contact	at the back wall
Type controller	Dicon
LAN connection	web based interface, at the back wall, CAT 6

TRANSPORT:

Unit weight (excluding shelves) in kg	+/- 295
Shelf weight in kg	5
Cabinet and wooden crate in kg	310
Dimensions transport crate D x W x H in mm	1430 x 1200 x 2250
Volume transport crate in m ³	about 3,9

Hettich Benelux reserves the right to alter specifications at any time, without notice.