



OPERATING INSTRUCTIONS

VERSION 8

FOR A BETTER WORKBENCH ENVIRONMENT



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CLEAN BENCH CONCEPT

OPERATING INSTRUCTION CBC

Introduction

Our Clean Bench Concept (CBC) helps you to create a clean working environment on a your workbench.

Scope of supply

CBC extraction cabinet consists of the following parts:

- | | |
|-------------------------------------|-----------------------------|
| 1. Inner gable right | 7. Air curtain gear (2 pcs) |
| 2. Outer gable right | 8. Lower backrail |
| 3. Frame | 9. Inner gable left |
| 4. Accessories: Tool holder (2 pcs) | 10. Outer gable left |
| 5. Screw set | 11. Back panel |
| 6. Front cap | 12. Top cover |



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Technical data CBC-A-112

Width x height x depth, internally (mm)	1120 x 525 x 580
Weight (kg)	53
Noise level dB(A) 1m, at 200 m ³ /hr	49
Power (does not apply for all accessories)	110/240V, 50/60 Hz
Effect (watt), lighting excluded	5
Extracted air volume (m ³ /hr)	180 - 230
Bench area required, minimum (BxD), (mm)	1200 x 750
Warranty, (year)	1

Article No.

CBC-A-112-G01-G65-I1	Model CBC-A-112, Basic model Cabinet with special recirculation system. Supplied with a sheet top cover (1160x580x1,25 mm) with 1 pc connection Ø 100 mm (G01) and sheet backside panel (1160x600x1,25 mm) (G65). Internal Halogene lighting 3x 20W/100-240V (I1)
	<u>To add internal accessories, change code I1 with the following codes:</u>
I3	Mounting bracket TFT-screen
I4	Tool holders
I5	Internal Halogene lighting 3x 20W + Fluorescent tube lighting 2x30W, (230VAC)
	<u>For another back panel, replace code G65 with the following codes:</u>
G65	Backpanel in sheet, 1160x600x1,25 mm, ESD-safe
G70	Backpanel in transparent plexiglas, 1160x600x3 mm, not ESD-safe
G80	Backpanel transparent polycarbonate, 1160x600x3mm, ESD-safe
	<u>For another top cover, replace code G01 with the following codes:</u>
G01	Topcover in sheet 1160x580x1,25mm with 1 connection Ø 100 mm, ESD-safe
G02	Topcover in sheet 1160x580x1,25mm with 1 connection Ø 160 mm, ESD-safe
G04	Same as G01 but with 4 connections Ø 63 mm, ESD-safe
G21	Topcover in transparent plexiglas 1160x580x3 mm with 1 connection Ø 100 mm, not ESD-safe
G24	Same as G21 but with 4 connections Ø 63 mm, not ESD-safe
G31	Topcover in transparent polycarbonate 1160x580x3mm with 1 connection Ø 100 mm, ESD-safe
G34	Same as G31 but with 4 connections Ø 63 mm, ESD-safe

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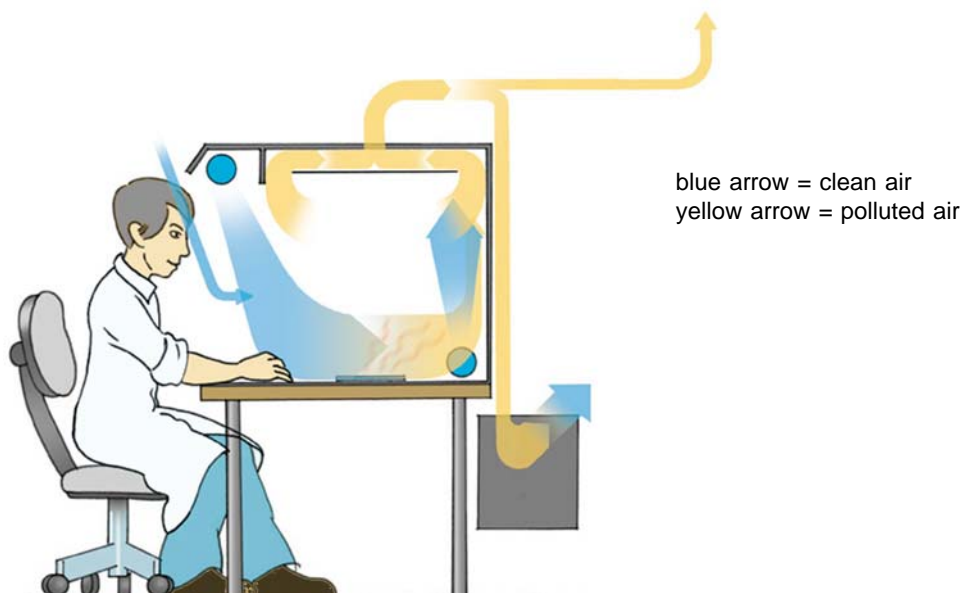
Power supply for connection of external power supply apparatus.



Tool holder for hanging of weight relief tools.

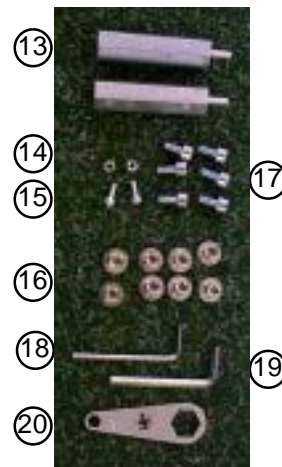


Working with the extraction cabinet



1. The working object should be placed behind the air curtain, appr. 50 mm behind the lower edge.
2. There should be a free table space 100 mm outside the lower edge of the air curtain cabinet.
3. Keep your head outside the air curtain.

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Screw set consisting of the following parts:

13. Distance (2 pcs)
14. Nut M4 (2 pcs)
15. Screw M4x10 (2 pcs)
16. Barrel nut (8 pcs)
17. Screw M6x12 (6 pcs)
18. Allen key Nv3
19. Allen key Nv5
20. Spanner Nv7+Nv16

Safety instructions

NOTE ! The extraction cabinet must not be exposed to a temperature over +50° C, to open fire or to condensed solvents.

Assembling

Take the frame (3).



And the left inner gable (9).



Mount the left inner gable (9) on the frame (3) with 1 pc of distance (13) and 3 pcs of screws M6x12 (17) with the Allen key Nv5 (19) and the spanner Nv16 (20).



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Mount the lower air curtain gear (7).



Mount the upper air curtain gear (7).



If you have purchased a cabinet without accessories Tool holders (14) continue with the instructions "Mount the upper and lower..." at the bottom of this page.



The following instructions is only for the accessories Tool Holders (14)

Slide in the tool holders (4).



Mount the upper and lower air curtain gear (7) in the right inner gable (1).



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Mount the right outer gable (2) and the left outer gable (10) on each side of the cabinet with 8 pcs of barrel nuts (16) with the Allen key Nv5 (19).



Now the mounting is completed!



Putting into service

Place the cabinet on a solid workbench. Connect the power cord at the back of the cabinet. Beside the power supply you find the fuse (glas-tube fuse 5x20 6,3AT/250V).



Connect the cabinet to a pipe or a hose with the inner diameter 100 mm, which is to be connected to the extraction source. Required extracted air volume is 200 m³/hr.



Switch on the cabinet with the on/off-switch. Direct the air curtain gear so that the upper gear blows the air downwards and a little bit in towards the cabinet, and the lower gear blows the air upwards along the back panel.



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Slide in the top cover (12) in its position.



Snap on the front cap (6) according to the picture.



If required, adjust the feet.



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Mount the right inner gable (1) on the frame (3) with 1 pc of distance (13) and 3 pcs of screws M6x12 (17) with the Allen key Nv5 (19) and the spanner Nv16 (20).



Mount the lower backrail (8) with 2 pcs of screws M4x10 (15) and 2 pcs of nuts M4 (14) with the Allen key Nv3 (18) and the spanner Nv7 (20).



Now the cabinet looks like this.
Put the cabinet on its feet.



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Losen the tape that hold the cables.
Thread the cable through the hole in the right inner gable (1) and out through the left inner gable (9).



Be sure of putting the cables under the sound-absorbing material.



Put the double end of the cable into the hole at the front supporting leg and connect the contact to the upper blower.



Put the single end of the cable into the hole at the back supporting leg and connect the contact to the lower blower.



If you have purchased a cabinet without accessories Halogene lightning 3x20W (I1) or Flourescent tube light 2x36W (I5) continue with the instructions for **Final assembling**.

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The following instructions is only for the accessories Halogene lightning (I1) and Flourescent tube light (I5)

Losen the tape that holds the cable together.
Put the cable through the hole at the right inner gable (1).



Connect the contact to the 12V-socket.



Instuctions for Flourescent tube light (I5)

Follow the instructions for I1 and connect a 230V cable underneath 24 V.

Final assembling

Slide in the back panel (11) in its position.

