

Climate Office

Design rooms according to biophilic design.





BIOPHILIC DESIGN

BRINGING PEOPLE AND NATURE TOGETHER

People feel their best when they are in nature –
it strengthens their health, relieves stress, and raises their well-being.

Urban life and work

In the modern world, we spend most of our day living and working in urban environments, instead of being outside in nature. It is possible to bring the positive effects of natural elements into a manufactured environment by applying the principles of biophilic design:

natural principles and analogies to nature can be used to create functional and attractive buildings that affect people positively by bringing them closer to nature.

Biophilia – love of the living

As early as 1964, social psychologists were working on the concept of “biophilia – the love of life or to that which is living. Later on, the concept was taken up by biologist Edward Wilson.

Wilson posed the hypothesis that people have a genetically determined need to be in harmony with nature. The biophilia hypothesis later served as inspiration for the concept of “biophilic design”: bringing people close to nature in their manufactured environment.





Climate Office – a solution based on biophilic design principles

With its “Climate Office”, C+P has used the principles of biophilic design to develop integrated and sustainable furniture solutions for air purification, interior greening, climate, and acoustics. The key aims here are to:

- optimize the interior climate
- increase human comfort

Increasing comfort and motivation in the workplace

The future-proof products, made from the resource-efficient material steel, combined with plants and water create the perfect sense of well-being in interior spaces. Biophilic design principles can significantly improve motivation and reduce sick leave.

Advantages:

- Healthy humidity
- Improved cognitive abilities
- Purified air



MOBILE HEDGE ELEMENTS

PARTITION FOR GREENING AND ACOUSTIC IMPROVEMENT

Product information:

- Sturdy galvanized steel frame, plant insert made of recycled material
- Base blanking panel and top insert panel made from zinc-plated solid metal
- Optionally with acoustic filling (absorber made from environmentally friendly recycling material)
- Height of plant tray 400 or 740 mm
- Includes plant insert made of plastic with hydroculture system, black
- With four sturdy concealed casters, lockable, (height 2320 mm on four stable feet)
- Planted with Philodendron scandens – depending on the size, you will have a leaf surface of up to 5 m²

Advantages:

- Visual shielding provides privacy
- Cleans the air and creates a healthy room climate
- Helps to improve acoustics



Mobile hedge elements with low base

Base with steel panel and top solid-metal cover
on four sturdy concealed casters for optimum mobility

Base height **400**
Base depth 400

Hedge element
unplanted

Hedge element
planted

with sound absorbing effect

H	W	Order no.	Order no.	Order no.
1635	800	58223-1523	58220-1523	+ 58200-7230
1635	1000	58223-0423	58220-0423	+ 58200-7240
1635	1200	58223-0523	58220-0523	+ 58200-7250
1980	800	58223-1519	58220-1519	+ 58200-7260
1980	1000	58223-0419	58220-0419	+ 58200-7270
1980	1200	58223-0519	58220-0519	+ 58200-7280
2320*	800	58223-1529	58220-1529	+ 58200-7290
2320*	1000	58223-0429	58220-0429	+ 58200-7300
2320*	1200	58223-0529	58220-0529	+ 58200-7310

* On four sturdy adjustable feet, incl. assembly kit for ceiling mounting for ceiling heights of max. 4 m.

PSYCHOACOUSTICS AND COGNITIVE ERGONOMICS IN THE OPEN-PLAN OFFICE

With open-plan offices being designed more flexibly, issues such as the acoustics of the room and privacy are becoming increasingly important.

To give the users of open office spaces optimized working conditions while promoting their health and work efficiency, we have worked on solutions for various room situations. For example in a large project area on our own premises, where we used greening and water elements.

C+P is a partner in the Büro-Initiative [Office Initiative], which originated in collaboration with the Fraunhofer Institute for Building Physics IBP and focuses on developing healthy, efficiency-enhancing office spaces.

As part of this collaboration, C+P hedge elements underwent numerous measurements and their shielding properties were confirmed.



Both sides planted with Philodendron scandens



Plant insert with hydroculture system, stable frame functions as trellis



Acoustically effective micro-perforations, optionally with sound absorbing filling



Mobile hedge elements with tall base

Base with steel panel and top solid-metal cover on four sturdy concealed casters for optimum mobility

Base height 740 Base depth 400		Hedge element unplanted	Hedge element planted	with sound absorbing effect
H	W	Order no.	Order no.	Order no.
1635	800	58233-1523	58230-1523	+ 58200-7231
1635	1000	58233-0423	58230-0423	+ 58200-7241
1635	1200	58233-0523	58230-0523	+ 58200-7251
1980	800	58233-1519	58230-1519	+ 58200-7261
1980	1000	58233-0419	58230-0419	+ 58200-7271
1980	1200	58233-0519	58230-0519	+ 58200-7281
2320*	800	58233-1529	58230-1529	+ 58200-7291
2320*	1000	58233-0429	58230-0429	+ 58200-7301
2320*	1200	58233-0529	58230-0529	+ 58200-7311

* On four sturdy adjustable feet, incl. assembly kit for ceiling mounting for ceiling heights of max. 4 m.



GREEN WALLS

MOBILE OR WALL-MOUNTED - FOR CUSTOMIZED PLANTING



Mobile green walls for double-sided planting

Low base (400 mm) with steel panel, on four sturdy concealed casters for optimum mobility

Base height 400 Base depth 400		Green wall unplanted	Green wall planted**
H	W	Order no.	Order no.
1635	800	58571-1523	58570-1523
1635	1000	58571-0423	58570-0423
1635	1200	58571-0523	58570-0523
1980	800	58571-1519	58570-1519
1980	1000	58571-0419	58570-0419
1980	1200	58571-0519	58570-0519
2320*	800	58571-1529	58570-1529
2320*	1000	58571-0429	58570-0429
2320*	1200	58571-0529	58570-0529

* On four sturdy adjustable feet, incl. assembly kit for ceiling mounting for ceiling heights of max. 4 m.



Wall-mounted green walls for one-sided planting

Low base (400 mm) with steel panel, stationary for customer to mount on wall

Base height 400 Base depth 230		Green wall unplanted	Green wall planted**
H	W	Order no.	Order no.
1980	800	58573-1519	58572-1519
1980	1000	58573-0419	58572-0419
1980	1200	58573-0519	58572-0519
2320*	800	58573-1529	58572-1529
2320*	1000	58573-0429	58572-0429
2320*	1200	58573-0529	58572-0529

** Mixed planting, plants may vary depending on season.



Our Climate Office solutions are diverse and can be adjusted to suit your needs.
On request we can supply our green walls with individual measures, for example for installation in the think tank or behind a counter.

Product information:

- + Durable stainless steel design
- + Stainless steel water tray with water level indicator
- + Integrated low-noise water pump
- + 230 V connection, incl. 3m supply cable
- + Patented multi-level system for holding plant pots
- + Suitable for standard plant pots
- + Our plants are supplied in a practical hydroponic culture
- + Fitted with four sturdy concealed casters, lockable (height 2320 mm on four sturdy adjustable feet)



Patented multi-level system for holding plant pots and irrigation



Can be fitted with your choice of individual plant pots



Concealed routing of irrigation system



Advantages:

- + Greater freedom for customized design
- + Can be integrated into a great variety of rooms
- + Integrated irrigation system for plants

All green walls delivered in accordance with service strategy, page 14/15 within Germany.

C+P CAN RECOMMEND SUITABLE SERVICE PARTNERS



For planting and accessories, we can recommend a suitable C+P service partner.

Please contact us for more information!
Simply phone us on +49 6465 919-810 or send us an e-mail at objektvertrieb@cp.de.

SLATTED WALLS

THE PERFECT ADDITION FOR PARTITIONING ROOMS

Product information:

- Slats made of coated particle board (MCPB)
- Available in various colors to match color concept (see below)
- Frame made of stable powder-coated round aluminum tube, available in three standard colors to match color concept (see below)
- Stable powder-coated foot, 100 x 400 x 13 mm (W x L x H) for steady positioning, color same as frame

Advantages:

- Enjoy privacy without feeling "shut in"
- Can be combined with any other Climate Office elements
- Add contrast with a variety of colors



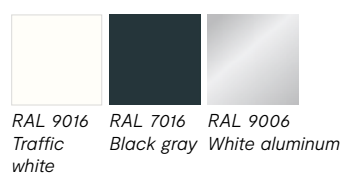
Mobile slatted walls for privacy

H	W	Order no.
1635	800	58690-1523
1635	1000	58690-0423
1635	1200	58690-0523
1980	800	58690-1519
1980	1000	58690-0419
1980	1200	58690-0519

DECORS, MCPB 19 mm



FRAME







MOBILE WATER WALLS

AIR CLEANING AND AIR CONDITIONING

Product information:

- Durable stainless steel design
- Stainless steel water tray with water level indicator
- Stainless steel base cover for collecting water splashes
- Integrated low-noise water pump incl. water filter
- 230 V connection, incl. supply cable (roughly 3 m)
- Base with steel panel
- Double-sided glass water wall
- Stable frame with glass pane made of TSG glass 6 mm thick
- Four sturdy concealed casters for optimum mobility (Height: 2,320 mm on four durable adjustable feet)

Advantages:

- Cleans the air
- Creates a healthy room climate
- Flexible partition solution



Mobile water walls

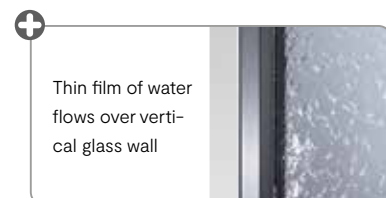
Base with steel panel, top cover and double-sided glass water wall, on four sturdy concealed casters for optimum mobility

Base height 400
Base depth 400

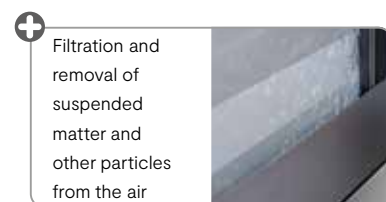
H	W	Order no.
1635	800	58110-1523
1635	1000	58110-0423
1635	1200	58110-0523
1980	800	58110-1519
1980	1000	58110-0419
1980	1200	58110-0519
2320*	800	58110-1529
2320*	1000	58110-0429
2320*	1200	58110-0529

Water features must only be operated with demineralized DI water (also referred to as pure water, osmosis water, or distilled water).

On request, we can supply solutions for on-site water treatment.



Thin film of water flows over vertical glass wall



Filtration and removal of suspended matter and other particles from the air

* On four sturdy adjustable feet, incl. assembly kit for ceiling mounting for ceiling heights of max. 4 m.

ACCESSORIES FOR OPERATING C+P WATER WALLS



C+P watering trolley with two levels

A watering trolley is suitable for the simple filling of C+P water walls

Dimensions: 500 x 891 x 820 mm (W x H x D)

Stable square steel tube, color Black gray RAL 7021, mobile on four low-friction rubber rollers, rear rollers lockable, incl. 2x 60-liter canister with drain tap.

Drain tap at filling height compatible with C+P water walls, lower level suitable for holding C+P service kit.

Order no.

58100-730



C+P service kit

The service kit contains all tools needed for the maintenance of a C+P water wall.

- Cleaning brush (75 mm)
- Immersion pump Sn909-230V
- 2 m PVC hose (internal diameter = 14 mm)
- Gas torch Tokyo unilite G16 (empty/unfilled!)
- Pyrosil gas cartridge 50 ml
- Squeegee 40 cm long
- Glass scraper
- Microfiber cloth (40x40cm)
- C+P magnet
- 1 pair protective gloves (DIN 374)
- Dosage dispenser for hydrogen peroxide
- Safety goggles
- Operating manual, water wall
- Cleaning instructions

Order no.

58100-790



Complete demineralization cartridge

The complete demineralization cartridge is used for water treatment, incl. reinforced hoses, drain tap, and conductivity meter, cartridges can be re-used.

58100-742 for approx. 2800 l water

58100-743 for approx. 5000 l water

Order no.

58100-742*

58100-743*

* Incl. delivery and installation by manufacturer. For the installation, a water tap must be available on site with a 3/4-inch external diameter.



CUSTOMIZED C+P GREEN WALLS IMPLEMENTING CUSTOMER PROJECTS

Are you looking for customized wall greenery?

No problem – simply get in touch! We can design customized green walls that perfectly match your wants and needs. Take inspiration from previous customer projects that we have implemented.

^ GÜNTHER Heißkanaltechnik

The green wall is a real eye-catcher in the light and airy administration building. The experience of nature in the interior is further strengthened by the view directly into the garden.



^ Roth Energie

Instantly feel at home – the bright reception counter combined with customized green walls is especially inviting. Perfectly integrated into the green wall, the screen behind the counter also grabs your attention.

Sparkasse Biedenkopf >>

Nature in a manufactured environment – the plants fit in perfectly with the modern spatial concept. Shapes, colors, and interior form a complete design unit and give the room individuality.



SUPPORT AND SERVICE

We offer an extensive service portfolio so that you can start using your Climate Office products quickly and easily.

For transport, installation, accessories, or maintenance kit – simply choose what best suits your needs.

SERVICE PORTFOLIO FOR YOUR CLIMATE OFFICE INSTALLATION

CLIMATE OFFICE TRANSPORT SERVICE	Order no.
Hedge element (unplanted), green wall, water feature (without installation), plant cube (rectangular), slatted walls	
Hedge element planted, item price, 1–5 items	On request
Hedge element planted, item price, 5 items or more (on request)	
INSTALLATION COSTS PER UNIT	
Water wall	
Green wall	
Plant hedge	On request
ACCESSORIES, WATER WALL	
C+P watering trolley	58100-730
Service kit	58100-790
Complete demineralization cartridge, small**	58100-742
Complete demineralization cartridge, large**	58100-743
PLANT LIGHT*	
LED plant light B 600 mm	58200-735
LED plant light B 900 mm	58200-736
LED plant light B 1200 mm	58200-737

* Sent directly to the customer by the manufacturer

** For the installation, a water tap must be available on site with a 3/4-inch external diameter

IMPORTANT INFORMATION BEFORE PURCHASING: ASSEMBLY, CLEANING, AND MAINTENANCE

To ensure that you enjoy your water wall for many years to come and that it always works perfectly, it must be installed correctly and maintained and cleaned at specified intervals. The following services are therefore an integral part of our offer:

- + Qualified installation and commissioning of the water wall by C + P directly at your place of use.
- + Quarterly maintenance and cleaning by our customer service team.

This is the only way we can guarantee operational safety and hygiene. We would be happy to advise you on this and put together a customized service package for you.

If you wish to perform these services yourself, we can only accept liability for this product if commissioning, maintenance, and cleaning are carried out strictly in accordance with our operating instructions and the specifications of VDI 6022 Sheet 6 – the recognized guideline for safe air humidification systems in commercial areas.



COLOR OVERVIEW

A touch of color – you can choose from a range of colors and decors to make your Climate Office elements blend in with your rooms harmoniously.

Is there a specific color scheme you are looking for? On request, other colors from our C+P color concept can be implemented.

Standard colors, Climate Office elements

Please specify your color combination when placing an order



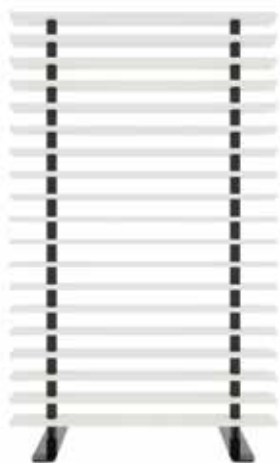
 RAL 9016, Traffic white
Covers RAL 7021 Black gray



 RAL 7016, Anthracite gray



 RAL 9006, White aluminum



Decors for slatted walls, page 10–11

Decor plates MCPB 19 mm



MCPB 011
White



MCPB 013
Light gray



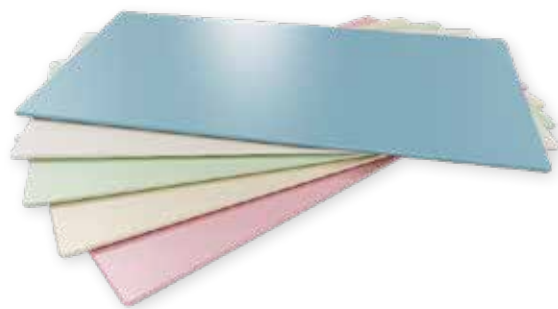
MCPB 014
Royal
maple



MCPB 016
Acacia



MCPB 018
Oak basalt



Other colors, on request



THE CHOICE IS YOURS

Climate Office offers great variability for optimal design planning. Thanks to the range of available sizes, you can elegantly combine various elements and partition your rooms or add contrast exactly as you wish.

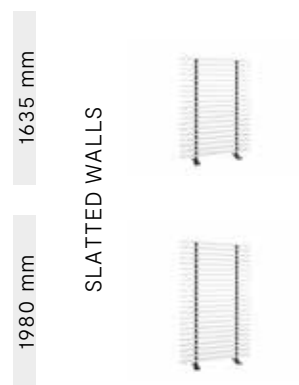
Mobile elements

Module widths	800, 1000, 1200
Module heights	1635, 1980, 2320
Base H x D	400 x 400, 750 x 400

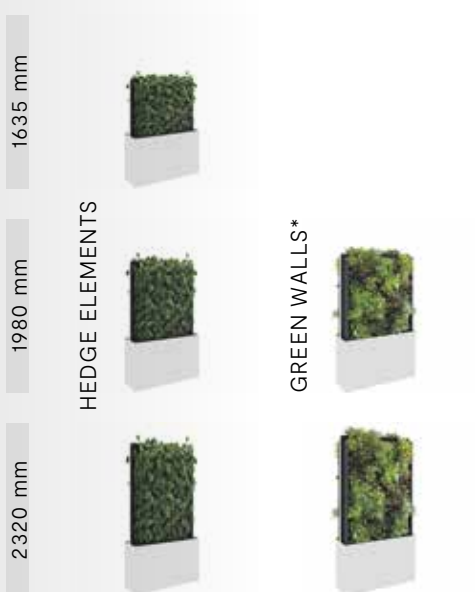
CLIMATE OFFICE ELEMENTS WITH LOW **BASE (400 MM)**



CLIMATE OFFICE SLATTED WALLS



CLIMATE OFFICE ELEMENTS WITH TALL **BASE (740 MM)**



* The green walls with 740 mm-tall bases are available on request

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