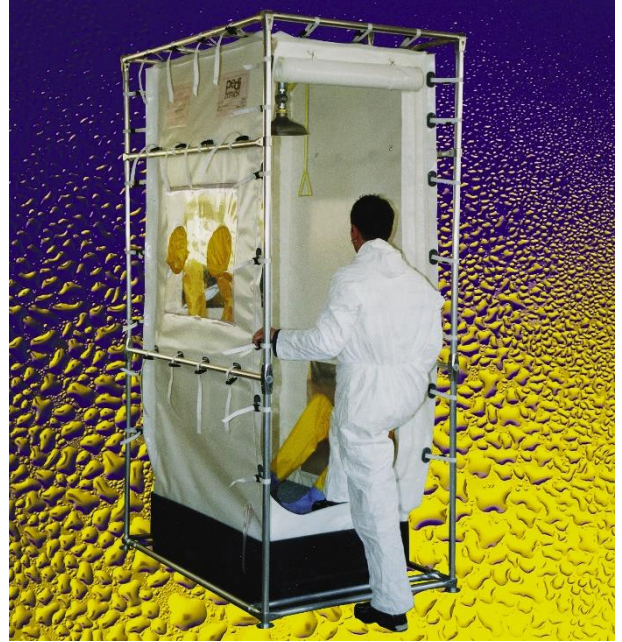


Mobile shower

The transportable decontamination shower cabin can be operated autonomously or docked on work tents as a lock element. It is used for the decontamination of ventilated protective suits.

The framework consists of pipes and connectors made of aluminum. The housing foil consists of tear-resistant fabric coated on both sides with plastic (flame retardant according to DIN EN 4102: B1).

- Catch basin (140 l) with grate and spout with stopcock, pallet version (forklift-capable).
- Zippered doors, roll-up, double-sided operation, covered on the inside.
- Window made of clear glass foil.
- Outwardly facing pieces of film for carrying out breathing air or other lines as well as for ventilation.
- Body shower head is mounted on the ceiling and operated manually. Water connection: 1" BSPP
- Optional: as a shower aid from the outside, gloves with sleeves can be attached.



Available sizes and designs:

Item no	Size	Version
110832	1.5 x 1.0 x 2.54 m	Shower cabin

Other versions on request.

Equipment and accessories:

For further information see product info: 06499 (search term on web site).

Changing cabin

Mobile wardrobes are indispensable for larger production rooms. Ideal for changing over after use with ventilated protective suits.

The framework consists of pipes and connectors made of aluminum. The housing is made of tear-resistant fabric coated on both sides with plastic (flame retardant according to DIN EN 4102: B1).

- Floor finish designed as extended walls to stick to the floor.
- Zipped door, roll-up, can be operated on both sides, covered on the inside.
- Windows are made of clear glass foil.
- The wardrobe can be moved by hand.



Available sizes and designs:

Item no	Size	Version
113155	1.4 x 1.0 x 2.31 m	Changing cabin
111901	1.6 x 1.2 x 2.42 m	Changing cabin

Other versions on request.

Equipment and accessories:

For further information see product info: 06499 (search term on web site).

Personnel lock system

The locks are used to separate the black and white areas. They can be attached to existing doors or used together with work tents.

The locks can bring people into contaminated zones and channel them out again under controlled conditions. They can be used purely as passage rooms, as checkrooms, as water or air showers.

The locks can be optionally equipped with a positive locking system, lighting, checkroom elements or a water or air shower facility with a wastewater or air filter system.

The cabins are modularly constructed from wall, door and corner elements and can be connected quickly and without tools. The sturdy walls are made of recycled material.

- Modular design, assembly without tools
- available as passage, wardrobe, shower (water or air)
- External dimensions: 750 x 750, 900 x 900, 1000 x 1000mm
- Self-closing doors, self-closing supply air dampers

The individual chambers can be combined and expanded as desired

- Option: negative pressure holding devices with filters in large air performance range
- Option: water management with 3-fold filter and boiler for hot water



Eco-Line



Smart-Line

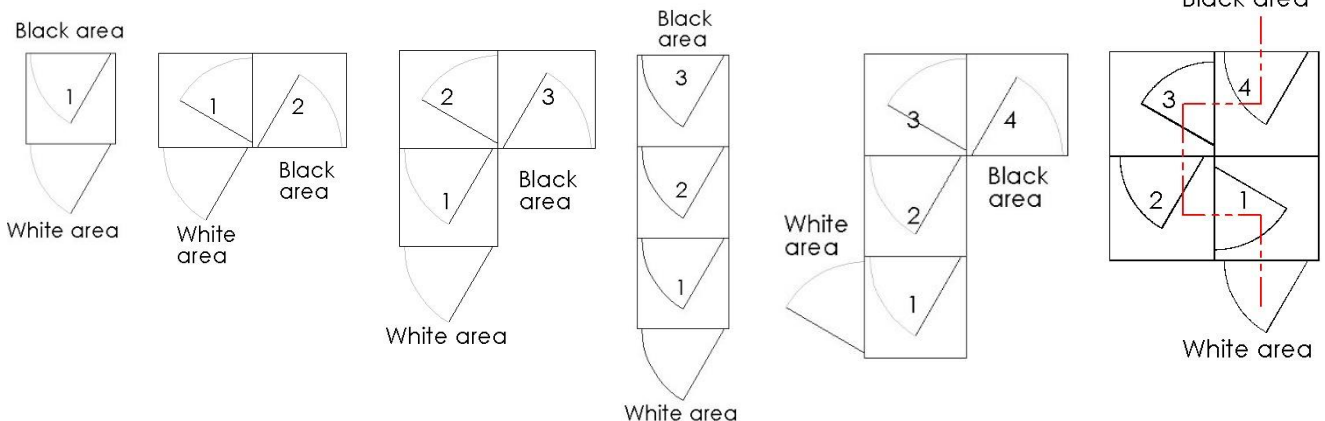


Smart-Door



Quick-Dush Air Shower

Examples of possible combinations of the chamber arrangement:



Personnel locks: available sizes and designs

Item no	Model	Dimensions	Version, each with 1 chamber
151311	900	900x900x2000	Eco-Line, with 4 stable walls, 2 of them with doors
116514	750	750x750x2000	Eco-Line, with 4 stable walls, 2 of them with doors
151313	1000	1000x1000x2000	Smart-Line, 2 stable door walls and 2 side foil walls
151314	750	750x750x2000	Smart-Line, 2 stable door walls and 2 side foil walls
151315	1000	1000x450x2000	Smart-Door, 1 stable door wall and 2 side foil walls
151316	750	750x450x2000	Smart-Door, 1 stable door wall and 2 side foil walls

Other versions on request.

Confectioned personal locks: available sizes and versions:

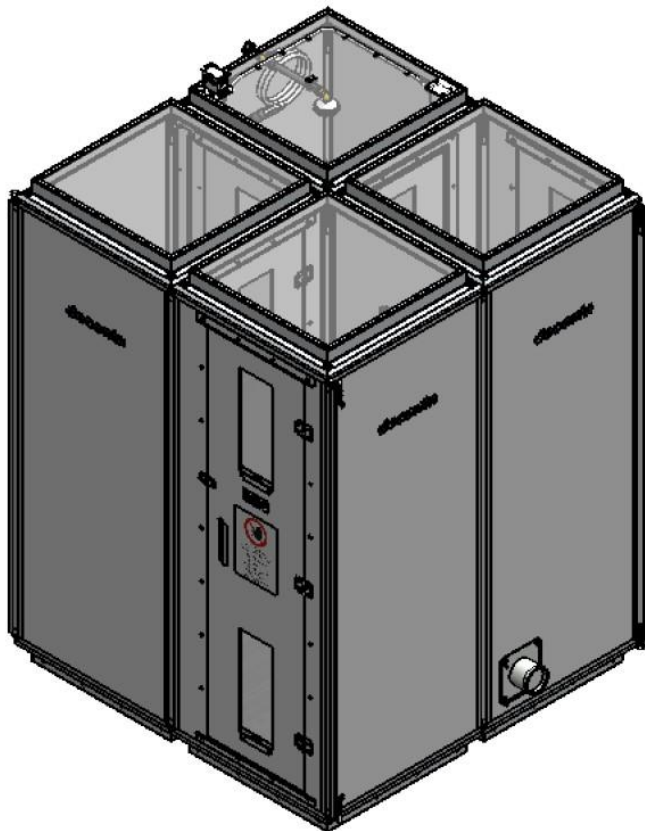
Item no	Model	Dimensions	Version
116037	750	1500x1500x2000	Eco-Line, 4 chambers in the square, water shower without forced locking, requires a water management device
116038	750	1500x1500x2000	Eco-Line, 4 chambers in the square, water shower with forced locking, requires a water management device
116088	1000	3135x1045x2425	Classic, 3 chambers in line, air shower with forced locking

Other versions on request.

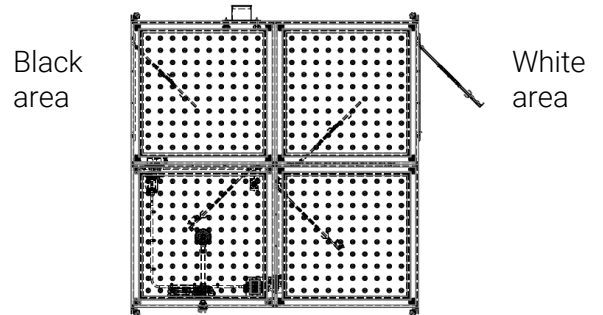
Options: available sizes and versions (see also separate info sheets)

Item no	Model	Dimensions	Version
116039	G 100	770x410x410	Negative pressure maintenance unit, H14 filter, max. 1650 m ³ /h (230V), control SRE connect
116070	681	298x410x410	Double filter housing for HEPA filter H13/H14
151319	C400V	805x490x840	Water management instantaneous water heater system, max 10 ℓ/min
116044	C 30 L	576x606x1085	Water management boiler 60 ℓ, without forced locking
116045	C 30 L	576x606x1085	Water management boiler 60 ℓ, with forced locking
116051	BO9773a		Coat hook for personell lock ECO-Line 750
116112	BO24895		Docking frame for personell lock ECO-Line 750

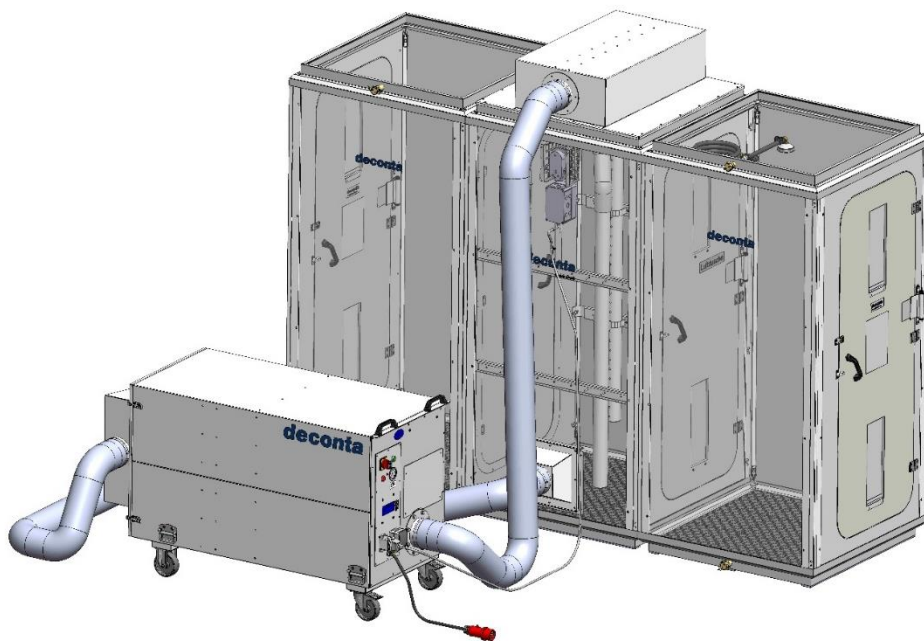
116037 / 116038 Lock system Eco-Line



4 chambers, arranged in a square, with water shower in the 3rd chamber, without or with forced locking



116088: 3 chamber airlock Quick-Dush with air shower with air regulator



Material lock system

The locks are used to separate the black and white areas. They can be attached to existing doors or used together with work tents.

The locks can move materials into contaminated zones and out again under controlled conditions. They use air or water showers to remove the contamination.

The locks can be equipped with forced locking, lighting, air or water shower parts with air or water filtration system. For asbestos use, a control unit can be used, which ensures a controlled 30-fold air exchange rate.

The cabins are modularly constructed from wall and corner elements and can be quickly connected to each other without tools. The sturdy walls are made of recycled material.

Modular design, assembly without tools

the optional available Waste water generator with 3-fold filter and closed circuit regulates the water treatment

The optionally available material lock control unit guarantees 30-fold air exchange in the chamber



Material lock ECO-Line



2x 116202 Material lock
Quick-Dush 2000

Material locks: available sizes and designs:

Item no	Model	Dimensions	Version
151317	1400	1800x1400x2230	Eco-Line, 1 chamber, with hand shower, optionally accessible with pallet
151318	900	1800x900x2230	Eco-Line, 1 chamber, with hand shower, optionally accessible with pallet
116202	2000	2043x1005x2050	Quick-Dush, 1 chamber, with hand shower, optionally accessible with pallet
151323	1000	1000x1000x2050	Quick-Dush, 1 chamber, with hand shower, optionally accessible with pallet

Other versions on request.

Options: available sizes and designs:

Item no	Model	Version
151324	Material lock	Forced locking
116203	MZA 30	Control unit for automated material discharge with 30x air exchange, additionally requires a UHG
151387	AS 300 CG	Waste water filtration system, 4-fold filtration, suction pump 30 L/min.

Other versions on request.

Water treatment

The water management devices are used to supply hot shower water to sluices set up as showers and to filter the waste water. The devices have hot water storage (boiler) and one to multiple filtration of waste water. The choice of the filter (1 μ , 5 μ , 25 μ , 50 μ , 220 μ) determines how small the particles of the waste water can be.

The water tanks are filled manually or automatically.

In addition to the open and closed boiler units, there is also a unit with an instantaneous water heater system, the C 400 V. This can achieve up to 10 L/min of hot water. The waste water is cleaned by 3 filters.

The devices can also be equipped with a forced interlocking of shower sluices, with which the decontamination process can be controlled. This can ensure that the shower sluice can only be left after a predefined shower duration.

As another type of equipment, the water filtration units are designed for use without the treatment of hot water.

All devices are equipped with Geka water connections.

The saturation of the filters is monitored with a pressure gauge.

Filtering 1-stage to 4-stage

Filter dimensions 10": 1 μ , 5 μ , 25 μ , 50 μ , 220 μ

Mains voltages:

230 V for the boiler systems (C xxx L)

400 V for instantaneous water heater (C 400 V)

Heating capacity of the boiler systems from 1kW to 3 kW,
for the instantaneous water heater 21 kW

Boiler sizes from 25 L till 130 L

The devices are equipped with wheels

Option: 2. shower

Option: Cold water connection

Option: forced interlocking of shower sluice



Water management: available sizes and versions

Item no.	Model	Dimensions L x B x H	Version
closed boiler systems			
116044	C 30 L	576x606x1085	60L boiler, 2kW heating capacity, 3 filter stages
116045	C 30 L	576x606x1085	60L boiler, 2kW heating capacity, 3 filter stages, with power locking of shower sluice
151391	C 50 L	760x700x1106	100L boiler, 2kW heating capacity, 3 filter stages
151392	C 100 L	760x700x1471	200L boiler, 2kW heating capacity, 3 filter stages
open boiler systems			
151393	C 25 L	466x506x1000	25L boiler, 1kW heating capacity, 1 filter stage
151394	C 60 L	510x520x1000	60L boiler, 2kW heating capacity, 2 filter stages
151395	C 110 L	606x606x1115	110L boiler, 2kW heating capacity, 3 filter stages
151396	C 130 L	709x700x1115	130L boiler, 4kW heating capacity, 3 filter stages
Instantaneous water heater system			
151319	C 400 V	805x490x840	400 V, 21kW heating capacity, 3 filter stages
Wastewater filter systems			
151397	AC 300 CG	655x462x775	4 filter stages
151398	AS 300 S	700x1050x1200	3 filter stages, 400L sedimentation tank

Other versions on request.

Options: available sizes and versions

Item no.	Model	Version
116047		Waste water filter set 10", consisting of filter 220 µm, 50 µm, 1 µm
116048	AU1153	Waste water filter 10" 220 µm
116049	AU544	Waste water filter 10" 50 µm
116050	AU415	Waste water filter 10" 1 µm
116060	BU1504a	Water hose 5 m clean ½", connection Geka
116061	BU1504	Water hose 5 m dirty ¾", connection Geka