



Housing

Dynamic Containment Cage

- Unique cage design for rat welfare
- Drawer Style cage extraction for quick access to the animals
- Great ergonomic design allows quick and direct access when working



"This equipment is a perfect primary containment for protection of staff from hazardous chemical and biological substances".

TECNIPLAST
innovation through passionSM

1/Dynamic containment at cage level

The Dynamic Containment is a protection that Tecniplast achieve at cage level when the Boost function of the slim is switched on and it is influenced by the air flow of the macro environment: before opening the cage, a "Boost" button is pushed, causing the AHU to increase the negative air flow at a proven speed to achieve laminar barrier protection at cage level, "Dynamic Containment".

The operator can access the animal whilst the powerful negative pressure within the cage prevents any allergens and compound metabolites escape from the cage and affect the operator.

2/Cost saving

DCC guarantees COST SAVING and SAFETY for the operator, its total protection allows you to drastically reduce the protection class of PPE (Personal Protective Equipment) used and LABOR COSTS. You will no longer need: isolators and HEPA-filtered suits, to work with plastic films and isolator gloves therefore reducing procedure times.

3/Ergonomics

The product consists of a primary enclosure that guarantees total protection for the operator thanks to an air barrier created by a patented system. The cage is highly ergonomics because its drawer-design. LESS PHYSICAL STRAIN and ENHANCED EFFICIENCY of the operator, not only that because of unique ergonomic design, the operator can easily access the cage to handle the animals.

4/Easy operation

Special runners allow the cage body to simply slide in and out like a drawer. A special easy-grab handle which is simple, smooth pulling of the cage body. You will also find small wheels on the runner allowing for an easy extraction of the cage.

5/Visual docking indicator and safe lock

You will find on the DCC, a visual indicator flags any cage that is not fully docked. When a cage is fitted correctly into the rack, the flag disappears from view. (No flag, no problem!). The cage top is equipped with a safe lock securing the cage in the right position... safety and security must always be a priority!

6/BoostSLIM

The BoostSLIM™ is an air handling unit that is fitted with a soft touch control panel which controls the speed of the Exhaust blowers while displaying the Temperature, Relative Humidity and ACH. Absolute control at your fingertip! The blower is also equipped with a battery back up, which allows you to maintain the protection whilst moving the rack or out in case of power failure.

In the field of toxicology and pharmaceutical research, you will find that one of the main issue is the protection against volatile chemical agents and from contaminated rodents. We at Tecniplast are continuously striving, for innovative solutions, with this in mind a new new product was designed that addressed this specific issue... the DCC915: the Dynamic Containment Cage. So if you are looking for safety and ergonomics for your operators working with carcinogenic and volatile chemical agents, preventing exposure to allergens and compounds metabolites, the product you are looking for is Tecniplast DCC915 - Dynamic Containment Cage! DCC has no competitors in the current market - it is the first and only product of its kind, with a patent pending.

Dynamic containment at cage level

1



Cost saving

2



Ergonomics

3



Easy operation

4



TECHNICAL SHEET

Floor Area:

915 cm² / 141.8 inch².

2DCC20 (W x D x H):

1505 x 620 x 1500 mm / 59.25 x 24.41 x 59.06 inch.

2DCC24 (W x D x H):

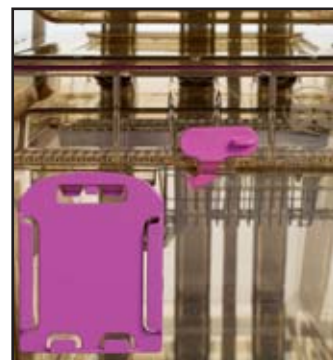
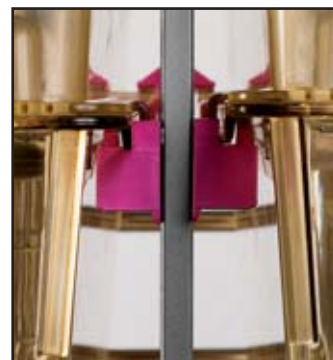
1800 x 620 x 1500 mm / 70.87 x 24.41 x 59.06 inch.

BoostSlim (W x D x H):

450 x 590 x 1456 mm / 17.72 x 23.23 x 57.32 inch.

Visual docking indicator and safe lock

5



BoostSLIM

6



Options

- Lid for rack equipped with autowatering.
- Cage body with grommet for autowatering.

Related Products

To maximise operational efficiency and learn more about these products contact your local representative.



Sealsafe Plus RAT: high containment, protection from allergens, high density and practicality of use.



900 Series Rack Washer. Designed specifically to meet the throughput needs of medium to large size facilities, these machines will live up to your highest expectations in terms of maximum cleaning efficiency, safety, environmentally-friendly and quality construction.



The **DS36** is a cabinet with a hood on top that draws air from the environment into the working area at an average speed of 0.6 m/s, it also creates a barrier that protects both the operator and the environment from airborne allergens and contaminants contained within the working area.



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ISO-14001 - Cert. n° 0256A/0

