

- High level of protection against allergens and hazardous chemicals
- Drawer style cage extraction, for quick access to the animals
- Ergonomic design and last generation electronics



## 1/Dynamic Containment at Cage Level

The Dynamic Containment Cage system is able to protect thanks to the negative pressure mode of the blower, which prevents allergens and other contaminants to spread into the room. The unique Boost Mode is activated to protect the operator even when the cage is partially open: you can access the animal for inspection or food refilling, whilst the powerful air barrier prevents any compound or metabolite escaping from the cage.

## 2/Ergonomics

The DCC is highly ergonomic because it is "drawer designed". The access to the animal is easy and can be done when the cage is still on the rack, under ventilation and protected. You do not have to take the cage off the rack every time you need to inspect the animals, and most of the operations can be performed without a changing station.

## 3/Last Generation Electronics

The Boost Slim is an air handling unit that is fitted with a wide and intuitive touch screen. It controls the speed of the exhaust blower, while displaying the temperature, relative humidity and ACH. The Boost Slim is equipped with a battery backup, in order to maintain the ventilation when the unit is moved, or in case of power failure. The operative system is able of Data Logging, Error Logging and can export the parameters through a USB connection.

## 4/Easy Operations

Special runners allow the cage body to simply slide in and out, like a drawer. The whole cage can easily be extracted from the rack, or you can remove just the cage bottom, simply flipping the purple locker in front on the cage. Adding more diet or changing the bottle can be done with the cage on the rack.

## 5/Visual Docking Indicator and Safe Lock

Every cage position is equipped with a yellow flag, which disappears only if the cage is in proper position. No flag = no problem. The Safe Lock is on the cage top, it verifies to be aligned and fixed to the cage bottom.

## 6/RAS Ready

The system is able to be connected to every kind of remote alarm, for a precise and simple monitoring of the functionality. Not just to the traditional dry contacts or serial protocols, for the BMS: the DCC is compatible with the Tecniplast Remote Alarm System (RAS), a powerful plug-and-play digital solution for alarm management.

## DCC™: Dynamic Containment Cage

### Dynamic Containment at Cage Level **1**



### Ergonomics **2**



### Last Generation Electronics

# 3



### TECHNICAL SHEET

#### Floor Area:

915 cm<sup>2</sup> - 141.8 inch<sup>2</sup>

2DCC20 - Stainless Steel for 20 rat cages (W x D x H):  
1539 x 620 x 1500 mm - 60.59 x 24.41 x 59.06 inch.

2DCC24 - Stainless Steel for 24 rat cages (W x D x H):  
1800 x 620 x 1500 mm - 70.87 x 24.41 x 59.06 inch.

BoostSlim Air Handling Unit (W x D x H):

461 x 590 x 1484 mm - 18.15 x 23.23 x 58.43 inch.

### Visual Docking Indicator and Safe Lock

# 5



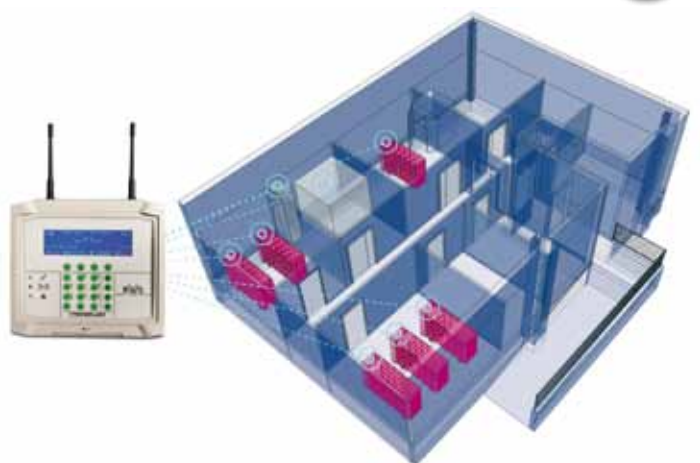
### Easy Operations

# 4



### RAS Ready

# 6



## Options

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

## Warranty

**H-TEMP Polysulphone (PSU) cage bottoms are guaranteed for 3 years from the date stamp. This plastic is highly resistant, it can be autoclaved at 121°C / 250°F. Considering an average of one autoclaving cycle per week, the 3 years of warranty are comparable to at least 150 cycles.**

**U-TEMP Polyetherimide cage tops are guaranteed for 5 years from the date stamp. This plastic is highly resistant, it can be autoclaved at 121°C / 250°F. Considering an average of one autoclaving cycle per week, the 5 years of warranty are comparable to at least 250 cycles.**

H-TEMP Polysulfone (PSU)



U-TEMP Polyetherimide (PEI)



## TECNIPLAST

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ISO-9001 - Cert. n° 0875



ISO-14001 - Cert. n° 0256A/0



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## Related Products

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



**BDS+ Bedding Dispensing System.** Compact, stand alone clean Bedding Dispensing System. Suitable for dosing of all kinds of free flowing bedding materials combining an efficient operator protection from allergens.



**GP 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.