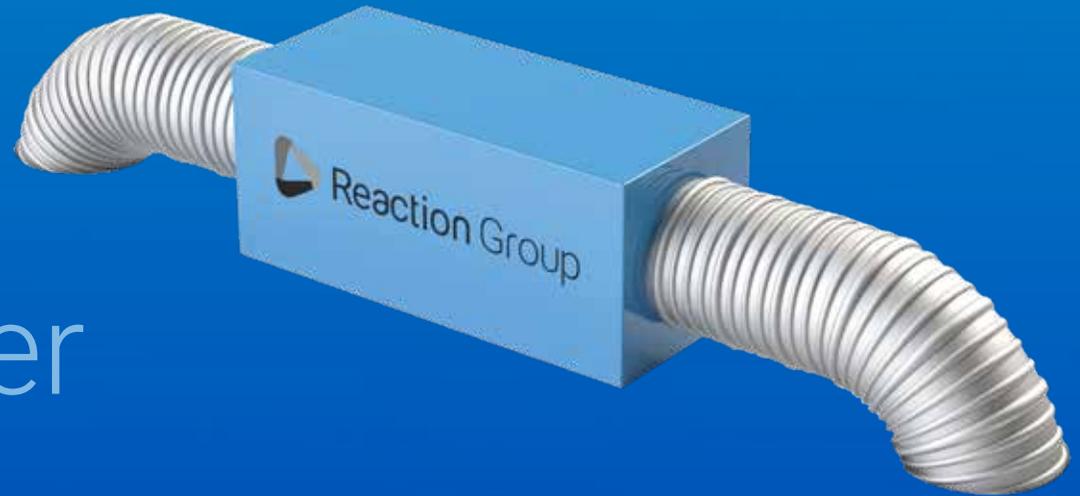


REACT-AIR ASCEND Commercial Elevator Steriliser



T. 0203 885 2299

www.reaction-grp.com

Poundbury House | Poundbury West Industrial Estate | Dorchester | Dorset | DT1 2PG

React-Air Ascend



Commercial Elevator Steriliser

Because they are enclosed, usually poorly ventilated spaces, elevators are one of the most hazardous environments for viral contamination spread. Many companies have limited the number of occupants, to reduce the risk of infection. However, as people move from home working, back in to the workplace, many facilities managers and employers appreciate that reduced occupancy is not a viable long-term solution.

Our React-Air Ascend is designed to be fitted to the top of a commercial elevator car and contains our React-Air Destroyer Array – the only commercial pathogen neutraliser to have been tested and proven 99% effective at removing airborne Covid-19.

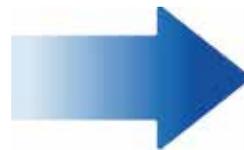
Air from the car is drawn upwards in to the React-Air Ascend and then passed through the Destroyer Array. Our patented and independently tested Destroyer Array uses a series of HEPA, Activated Carbon and UVC filters to neutralise not only viruses, but also odours. The cleaned and safe air is then passed back into the cab.

Air flow can be varied, but at maximum velocity, the air in an 8-person cab will be exchanged every 30 seconds.



Destroyer Array

3 Stage Process for Eliminating Covid-19



Destroyer Array

The 3 Stage Process for Eliminating Covid-19

1. HEPA13 Filtration

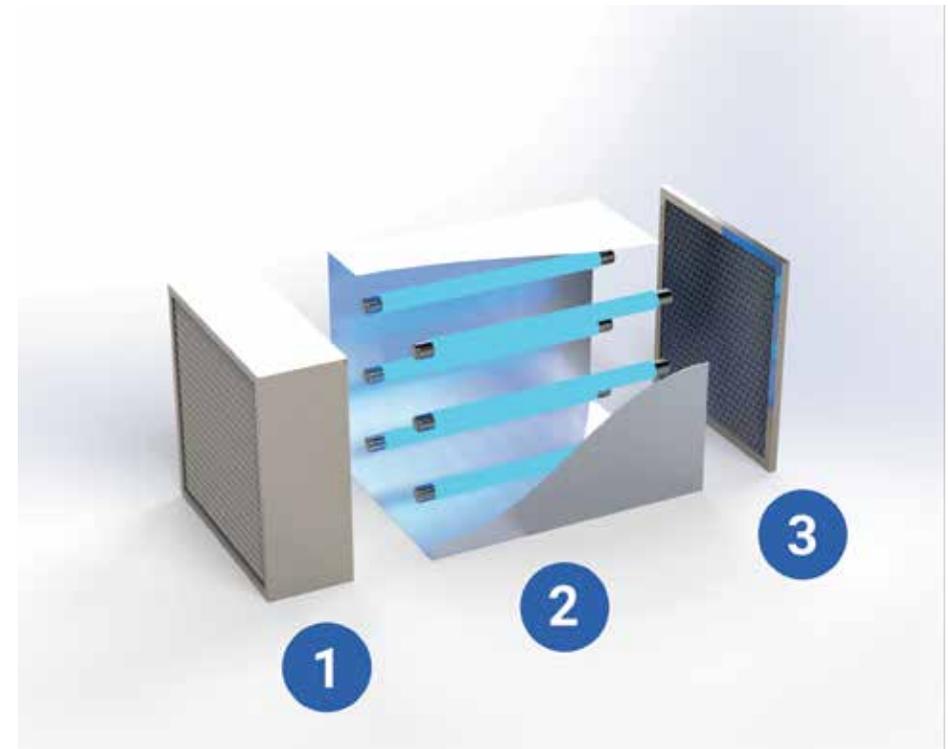
Using the React-Air's high-pressure fan, air is passed through a **HEPA 13** filter to remove 80% of particles 0.3-1 microns. This process removes pollens, bacteria and viruses bonded to larger particles such as water droplets (the primary way Covid-19 spreads through airborne transmission).

2. Powerful UVC Array

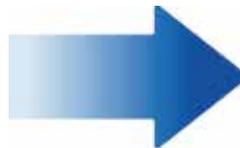
The filtered air is then passed through a UVC array, which delivers a dose of 250J/M3 – enough to neutralise Covid-19 (67J/M3 for one second of exposure according to studies). The effect of the UVC Array is intensified by its polished aluminium interior. UVC renders virus particles inert (sterile) by changing the molecular structure of the virus DNA.

3. Activated Carbon Filter

Finally, the air is passed through an activated carbon filter to remove any remaining odours. As well as removing any natural odours in the environment, the reaction between UVC and dust particles creates a mild, but for many people, unpleasant smell – all are removed with Activated Carbon.

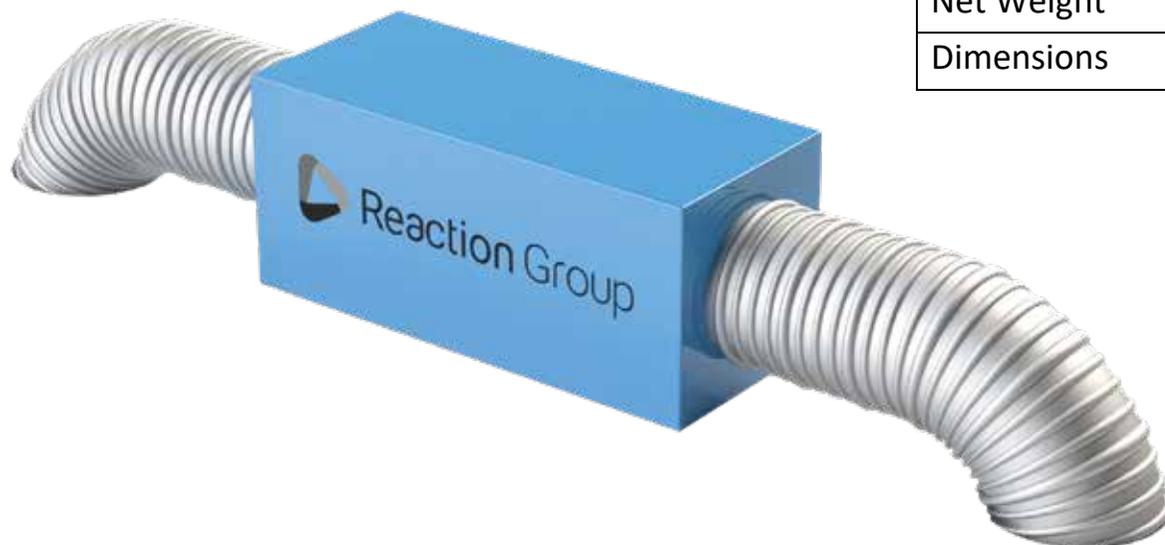


Technical Specifications



Technical Specifications

React-Air Ascend



Supply Voltage	230 volts
Noise Level	20 db
Fan Exchange/ Speed	100 M3/H
UVC Dose	177.53 JM3
Net Weight	3 kg
Dimensions	H150 x D220 x W320 mm

For more information call 0203 885 2299



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