

PRODUCT INFORMATION

ProtectoEco Cube

SUMMARY

The ECO-Cube product line is a filter unit equipped with filter cartridges applicable for nearly every task in the area of fume and dust filtration. The polluted air is extracted by means of the ventilator and guided towards the filtering section. The toxic particles are deposited on the surface of the filter cartridges.

The cartridges are cleaned automatically by compressed air. The particles deposited on the cartridge are detached by the compressed air blast and reach a dust collecting tank. The cleaned air is recycled to the working space without any heat loss.



TARGET APPLICATIONS

For which fields can the ECO-Cube be applied?

- as central suction unit for several manual welding stations
- as suction unit for welding robots / cabins
- as suction unit for extraction hoods

FURTHER INFORMATION

How is the ECO-Cube constructed?

The main parts of the ECO-Cube are the fan, pneumatic housing, filter section including cartridges, sparklatch and dust collecting section as well as the control unit for filter cleaning. The system will be delivered ready for connection. Only the system modules must be placed and connected. The housing consists of a stable steel plate construction and powder coating. The control unit is delivered completely preset and is very easy to handle. The control element is specially developed to survey and control the filter unit. All functions can be easily accessed and adjusted according to the operation parameters. The ECO-Cube is equipped with filter cartridges of the filter category BIA M. A special auxiliary filtering substance is coated on these cartridges already in the factory.

ARTICLES & ACCESSORIES

Part Number	Product Description
EXT3CUBE22	ProtectoCube 415v 2.2kw 3ph
EXT3CUBE30	ProtectoCube 415v 3kw 3ph
EXT3CUBE40	ProtectoCube 415v 4kw 3ph
EXT3CUB55	ProtectoCube 415v 5.5kw 3ph

TECHNICAL SPECIFICATION

Extraction Capacity	3500 / 4000 / 5000 / m ³ /h
Filter Efficiency	> 99%
Motor Power	2.2kw- 3Kw- 4kw – 5.5kw
Noise Level (nozzle installed)	78 dB(A)
Weight	130 kg
Filter Surface Area	40 - 80m ² 4 cartridges à 10 or 20 m ²

For further information, contact Extractability technical support on **0845 862 2620** or email service@extractability.eu