

Environmental Control Booth



Environmental Control Booth

Powerful, Self-Contained Dust Collection

When finishing large and irregularly shaped parts pushes the limits of your dust collection technology, turn to Donaldson's Environmental Control Booth (ECB). This powerful, flexible and cost-effective self-contained work station is engineered to remove fine airborne dust without interfering with workers movement or visibility. And with Donaldson's patented Ultra-Web® filter media, no other self-contained work station delivers a more powerful and efficient dust filtration system.

Donaldson's ECB is the cost-effective choice for self-contained workstations. It requires no ductwork, reducing installation costs. ECB offers further savings by recirculating the cleaned air, helping to reduce energy costs. And workers can be more productive operating in a cleaner and safer working environment.

Designed as a stand-alone unit, Donaldson's ECB is also the ideal solution for working conditions that call for maximum flexibility. It can increase capacity to match the demands of almost any job, yet it moves easily to accommodate plant layout changes.

ECB Offers:

- High filtration efficiency with Ultra-Web filters
- Removal of fine airborne dust from multiple sources
- Freedom of movement and improved vision
- Flexibility to increase capacity
- Easy mobility
- Requires no ductwork
- Safely recirculates cleaned air for reduced energy costs

*Increase
Flexibility
& Productivity
with ECB*



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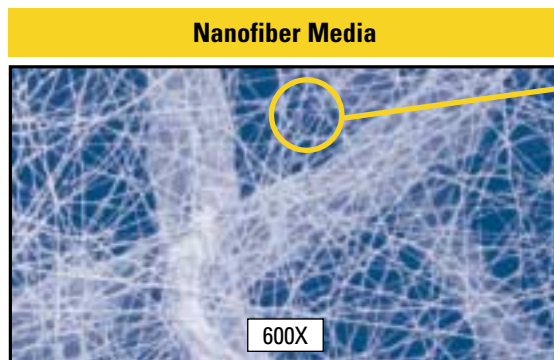
The Ideal Self-Contained Workstation

Donaldson's ECB works by creating a self-contained working environment complete with lighting, sound proofing and built-in dust collection. Workers inside the booth enjoy complete freedom of movement, cleaner air and excellent visibility. Using Ultra-Web filter media with our proprietary nanofiber technology, the powerful filtration capabilities of ECB prevents migration of dust to other parts of the plant, protecting workers outside the booth from the dust and noise generated inside the booth.

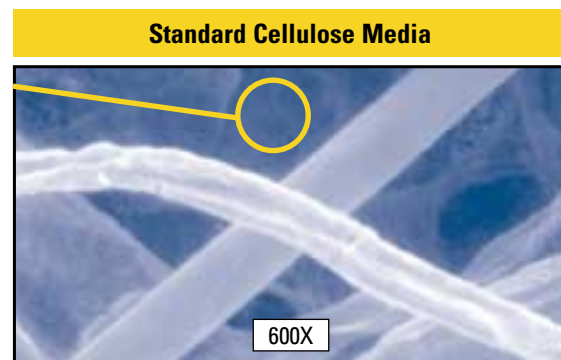


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Nanofiber Filter Media The distinguishing factor in our Ultra-Web and Fibra-Web™ filters is nanofiber filtration technology. It uses a layer of fibers 0.2 to 0.3 microns in diameter to capture contaminants less than one micron in size. With nanofiber filters, dust particles rapidly accumulate on the filter surface to build a thin, permeable dust-stopping cake. As a result, Ultra-Web and Fibra-Web filters offer the highest filtration efficiency by eliminating premature filter plugging and allowing the dust cake's release during the collector's cleaning cycle.



Nanofiber technology is available in all Ultra-Web and Fibra-Web replacement filter cartridges.



Conventional cellulose media has spaces of up to 60 microns between fibers, allowing dust to become deeply imbedded.

Donaldson®

Features And Options

Rely on the world leader in innovative filtration solutions—Donaldson—for dust collectors that meet any air filtration need. With more than 85 years of engineering experience and the most extensive sales and service network throughout Europe, our technical expertise and dedication to our customers is unmatched. Experience the future of dust filtration performance and productivity with Donaldson's ECB.

Standard Features for ECB

- TCB or IPC controller
- Hinged louvered inlet

Equipment Options for ECB

- Booth pack
- Lighting pack
- Magnehelic
- Spark trap inlet
- HEPA afterfilter
- Silencer pack
- Downdraft bench
- Oil/water separator



Donaldson[®]
Filtration Solutions

Donaldson Europe
Industrial Filtration Solutions
Interleuvenlaan, 1
B3001 Leuven
Belgium

Tel +32 16 38 39 70
Fax +32 16 38 39 38
toritdce-europe@mail.donaldson.com
www.donaldson.com