



ENERGY SAVINGS
due to low pressure loss

No compressed air required

up to **70,000 cfm** media change out in a matter of minutes

SIMPLE + SAFE

CCM[®] OCT – The Game Changer

WE LISTEN TO OUR CUSTOMERS

ERS utilizes decades of engineering experience and integration expertise to provide turnkey solutions.

We design, service and install world-class dust extraction and collection systems. By providing our customers with equipment and system designs that deliver unprecedented levels of quality and craftsmanship, our solutions increase efficiency and cut labor costs.



SIGNIFICANT ADVANTAGES OVER CONVENTIONAL DUST FILTRATION TECHNOLOGY





»We do **more** than sell filtration equipment. We design and install the **most innovative, turnkey dust extraction and trim removal systems in the tissue, paper and corrugated industry.**«

By choosing our CCM® OCT Filter...

YOU SAVE



Air

There is no compressed air needed. Resulting in significant energy saving.



Water

There is no water needed at all. Resulting in no water treatment equipment is needed – which is a nice benefit for environment and one of our many ways to maintain sustainability.



Space & Surface

There is no extra space needed outside your production space. The CCM® OCT can be built right into the production space. Plant a tree instead, or do some beekeeping on your real estate.



Energy

Of course you need energy. But now you can save lots of kWh of energy per year – and you do not have to pump compressed air through endless tubes at your site anymore.



Money

No more need for compressed air, water, extra space, results in cost savings.

YOU WIN

Happiness

Just look at the employees and coworkers at your company now: there is no greater thing in the world than a genuine and appreciative smile directed right into your face.



Time

A whole lot of time you can now invest in much more useful things than thinking about dust collection problems.



Sleep

A good night's sleep. Based on a pure conscience having environmentally cared for the planet and taken further steps towards ensuring ongoing sustainability.



ERS – your partner in dust extraction systems.



Continuous Cleaning Modular (CCM®) OCT Filter

ERS CCM® OCT filters are pressurized and therefore do not require an enclosure as many other systems do.

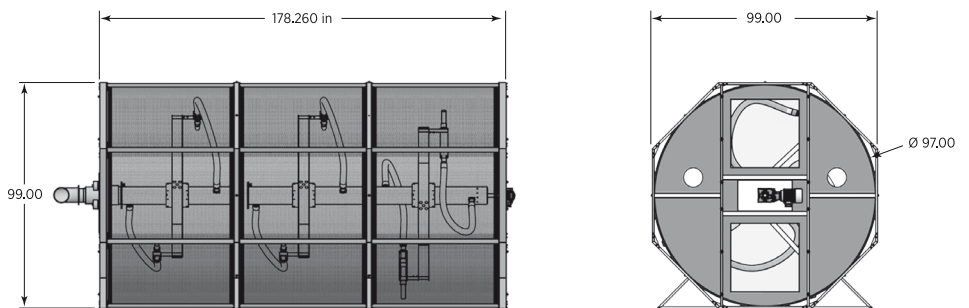
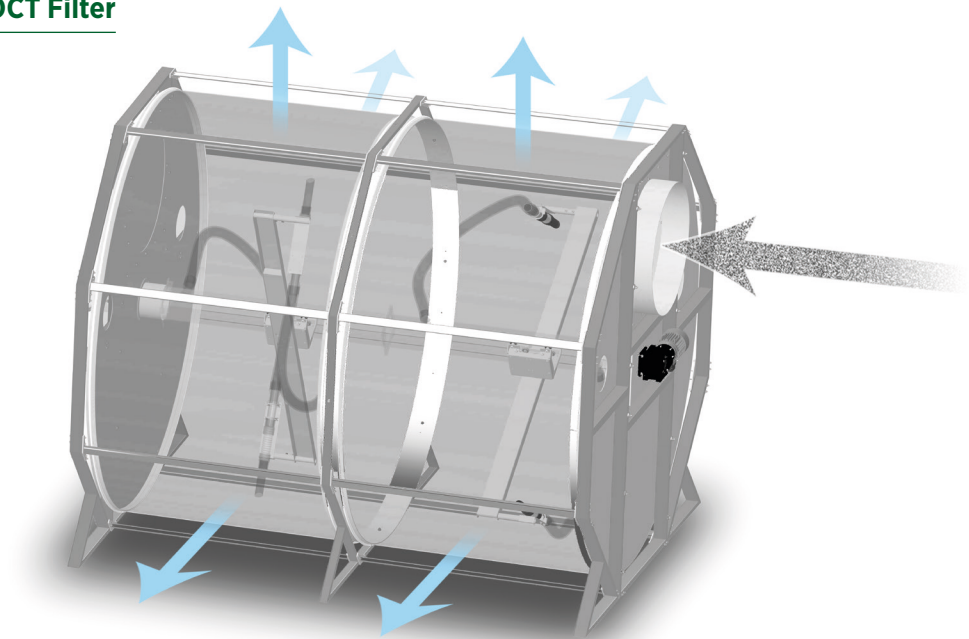
The airstream, which contains dust, enters the filter drum through the air inlet on the front or back of the filter. Rotating and moving horizontally anti-static suction nozzles inside the filter drum continuously vacuum dust and waste from the fine filter media.

Little air is required to clean the fine filter medium as the suction nozzles are very efficient. The specially designed anti-static suction nozzles touch the fine filter media, which guarantees high and efficient cleaning. All CCM® OCT filters are fully grounded to prevent static buildup.

The CCM® OCT filters are perfectly suitable for energy-efficient filtration of large volumes of dust-laden air.

The CCM® OCT Filter is a HIGH-EFFICIENCY FILTER with an application in various industrial sectors:

- Corrugated
- Paper
- Cellulose
- Tissue



Why choose CCM® OCT Filter?

SIMPLE DESIGN, SOPHISTICATED TECHNOLOGY AND EASE OF MAINTENANCE

- No tools for nozzle replacement required
- No chain and sprocket required
- No tools for media change required
 - » just zip it up
 - » media change out in a matter of minutes
- Filter is accessible for inspection during operation,
 - » no shutdown required
- Filter media with
 - high dust collection efficiency
 - low resistance
 - a long service life
- Filter media deep cleaned within minutes
- No pressure fluctuations within the system
- No compressed air required to clean the filter media

Technical data CCM® OCT Filter

Type	Length inch (mm)	Height / Width inch (mm)
CCM® OCT 25/30	120" (3,000 mm)	99" (2,515 mm)
CCM® OCT 25/45	178" (4,500 mm)	99" (2,515 mm)
CCM® OCT 25/60	236" (6,000 mm)	99" (2,515 mm)
CCM® OCT 25/70	294" (7,500 mm)	99" (2,515 mm)

Dimensions were rounded for simplicity.

Filter medium CCM® OCT Filter



What makes ERS CCM® OCT filters so particularly sustainable?

ERS CCM® OCT filters have **exceptional energy efficiency** compared to conventional filter systems, as the filter media builds up almost no resistance due to the unique vacuum cleaning process, which deep cleans the media several times per minute.

Our filters also require a **significantly smaller filtration area** than all known alternative filtration technologies used in the tissue, paper and corrugated industry.

ERS CCM® OCT filters **do not require compressed air or water** as a cleaning medium. The filtration systems are also installed on the factory floor and return the filtered air to the same area. In addition, because of the indoor installation, no air is released into the open air, which has the huge advantage that **no make-up air is required**. This significantly **reduces energy costs** compared to systems that release the air into the **environment**.

Often our filters are installed on a platform above the manufacturing floor, which also **saves space in the building**. Due to the unique ERS system design, we have been able to build extremely compact filter systems that have a very small footprint.

ADVANTAGES OVER CONVENTIONAL DUST FILTRATION TECHNOLOGY

- Modular design permits precise adjustment to total air volume
- Filter is accessible for inspection during operation, minimal shutdown required
- Energy-saving operation due to low pressure loss
- No explosion venting needed
- No need for high speed abort gates
- OSHA and NFPA compliant
- Less downtime
- Lower maintenance, lower labor costs
- More efficient production equipment
- Cleaner and safer plant
- Spare Parts are available 24/7 from our Atlanta Warehouse

CCM®
OCT Filters
are designed
for 99.9%
dust removal to
10 Microns



Why choose ERS?

When you read this, you are one step closer to a reliable partner that solves your dust challenges.

Engineered Recycling Systems, ERS, stands for superior design, quality installations and excellent service. The team at ERS is comprised of the industry's top engineers and system integrators, incorporating the finest equipment technology, expansive industry knowledge and expertise and enabling ERS to provide customers with the latest and most innovative integrated systems in the world.

If you missed us at the latest trade shows, visit our test lab in Atlanta!

Start your partnership with the ERS Team today.

Advantages of ERS



Dust Extraction



Global Installations and Customer Service



System Training



Trim Removal



US-based Spare Parts Warehouse



Test Lab



Vacuum Transfer Dust Control



Preventive Maintenance Programs



Customer Info Portal

Best-in-class equipment proven to drive your business forward. And we back it all up with decades of experience.

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