

RoboVent[®]

ClientCare Solutions



**Protect your
equipment investment.**

**Maintenance, Filters
and Upgrades**



Now you can breathe even easier.

You've made a good choice in purchasing air quality equipment from RoboVent. Now, let us help you keep it running in top condition.

ClientCare™ services from RoboVent will maximize the life of your equipment, protect the health and safety of your employees, and significantly reduce maintenance and repair costs over time. The ClientCare team is also focused on keeping you up to date with new features and upgrades that will save you money.

At RoboVent, we are committed to helping you maintain a clean, comfortable and safe environment for your workers. We appreciate the trust you have placed in us by purchasing RoboVent products. We back our equipment with the best service offerings in the industry to help you maintain your air quality standards and balance your budget, year after year.

Your RoboVent ClientCare team will make sure your equipment is operating as intended and take proactive steps to prevent future problems, including suggesting innovative upgrades that will save you money. Since no one knows our equipment better than we do, you can rest assured that all preventative maintenance and equipment checks are done right. And, we take the burden of routine maintenance off of your staff so you can maximize equipment uptime and focus on your core business. In fact, our clients tell us that our ClientCare services help them save money by reducing equipment downtime and the man-hours spent on maintenance.

So count on us to protect your valuable equipment investment. With RoboVent ClientCare, you can breathe easy for years to come.

ROBOVENT BRAND
ENDURE
High Performance Filters

ROBOVENT BRAND
DUREX
HEAVY DUTY FILTERS





ClientCare Service Program: **Service options for every need and budget.**

Whether you want us to handle all monthly preventative maintenance for you, or simply need regular equipment checks to make sure everything is in top condition, we can help you find a service package that meets your needs.

We offer three levels of ClientCare service. Our service packages let you leverage our expertise so you can reduce the burden on your maintenance staff, control your maintenance budget, and stay focused on your core business.

“RoboVent ClientCare helps us budget better. We can predict our costs and proactively plan for maintenance downtime. RoboVent ClientCare has kept our equipment running at 100% outside of scheduled maintenance.”

—Facilities Engineer, equipment manufacturing facility



Helpful Hint

Sign up for the RoboVent CompleteCare program, and get a full lifetime warranty on your RoboVent equipment for as long as the program is in place!



CompleteCare™ Maintenance Program

With the CompleteCare™ Maintenance Program, you can leave everything to us. Depending on your equipment needs and usage, our technicians will come in monthly, bi-monthly or quarterly to change filters, conduct routine maintenance, and troubleshoot emerging issues. CompleteCare is a comprehensive maintenance package designed to give you peace of mind, extend the life of your equipment, and reduce the maintenance burden on your staff.

- One flat rate per service call regardless of frequency to help you budget better (filters charged separately)
- Lifetime Warranty included for the life of the contract on all parts and labor (excluding filters)
- Full electronic service report provided within 48 hours of your service so you can monitor equipment issues and budgets
- Additional visits (inspection, trouble shooting, or repair) available at additional cost

Sample CompleteCare™ Checklist:

- Stop blower, reset digital read-out to zero, restart blower, record Delta-P value
- Stop blower, set controller to rapid pulse, pulse down for 30-60 minutes
- Start blower, record new Delta-P value
- Inspect system
- Check for blower / motor vibrations
- Check pulse valves
- Check controller function
- Replace parts as necessary
- Record estimated volume of collected dust particulate
- Empty drum/tray (as needed)
- Clean spark arrestance baffle filters
- Change cartridge filters as required
- Record filter pressure and filter life
- Visual inspection of ductwork





Equipment Certification Program

Our Equipment Certification Program, offered on a quarterly, bi-annual, or annual basis, will help you extend the life of your equipment and protect the safety of your workers with regular inspections by certified RoboVent technicians. We'll identify any emerging issues and make proactive maintenance or repair recommendations to prevent unexpected downtime and ensure that your equipment is running at top efficiency.

- 50-point check of your entire system
- Detailed report provided within 72 hours of inspection
- Client review meeting within two weeks of the inspection to address concerns and opportunities
- Recommended inspection intervals:
 - Equipment less than 3 years old: annual
 - Equipment between 3 & 8 years old: bi-annual
 - Equipment more than 8 years old: quarterly
- Warranty is not extended nor offered through this program



ClientCare Service Quality Check Program

If you would rather conduct your preventative maintenance in-house, our ClientCare Service Quality Check Program will insure that your maintenance team is performing world-class PM Service that meets all RoboVent standards. Our technicians can come in monthly, quarterly or bi-annually to review service records and make recommendations for your maintenance staff. We'll make sure that maintenance staff are conducting the right services on the right schedule to maintain your equipment in top condition and help them troubleshoot any emerging issues they have identified.

- Detailed report provided within 72 hours of inspection
- Warranty is not extended nor offered through this program

"It's more cost-effective for me to let RoboVent take care of their equipment. They know what it needs and they can do it faster. My in-house talent is better spent elsewhere."

--Project Engineer, automotive parts manufacturing facility

Three Levels of Service

Choose the level of service that's right for you.

	CompleteCare™ Maintenance Program	Equipment Certification Program	ClientCare Service Quality Check Program
Full Warranty	★	—	—
Change Filters	★	—	—
Perform Preventative Maintenance	★	—	—
50-Point System Check	★	★	—
Service/Inspection Report	★	★	★
Client Review Meeting	★	★	—
Review of Service Records	★	—	—
Service Recommendations	★	★	★
Troubleshooting	★	—	—
RoboVent Takes Full Responsibility	★	—	—

RoboVent Endurex™ RMO Premium Cartridge Filters

You've already purchased the best air quality equipment in the industry. Now, keep it running at top condition with the best filters in the industry. Whether you have an ultra-fine dust, metal cutting fumes, or an aggressive abrasive particulate, RoboVent has you covered.

RoboVent's premium Endurex filter cartridges have been engineered to provide you with the very best filtration protection for your plant and employees. Durable and proven, our filter media has been designed for outstanding performance in filtering fumes, smoke, dust, oil haze and other particulates/pollutants created during virtually any manufacturing process.

The Best Filters to Maximize Your Equipment Efficiency

Endurex RMO is truly the future in efficient filtration. By widening the pleat spacing in our proprietary filter media and ensuring that the pleats remain apart, we maximize the surface area of media available to dust and fume particles while maintaining the highest level of filtration efficiency. The result is a reduction in static pressure and a superior release of particulate. In short: longer filter life, using less media.



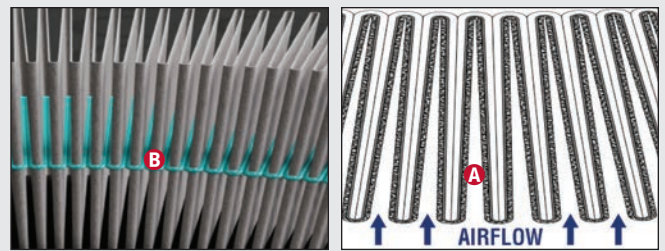
Helpful Hint

Take the RMO Challenge! Try our RMO filters at your current filter replacement cost, and see how much they increase your filter life.



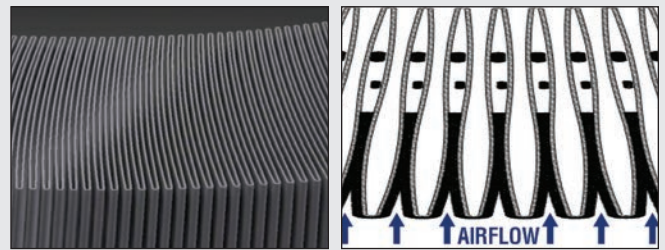
Endurex™ RMO: The Next Generation of Filters

Re-engineered to maximize efficiency while reducing static pressure, patent-pending Endurex Reinforced Media Optimization (RMO) brings filter technology into the 21st Century.



- A** RMO support keeps the filter pleats at optimum spacing, allowing for maximum loading on the media and more effective pulse cleaning
- B** RMO Support ribs (shown in blue above) are continuous for the full length of the pleats ensuring no pleat collapse. RMO structures ensure media surface area is maximized, and the entire filter is used to its full potential.

Traditional Filter Design



In traditional filter design, the pleats are often pinched closed. The clean area seen on the inside of these pleats indicates that the dirty air never reached this media, resulting in less effective loading and ineffective pulse cleaning — and as a result, short filter life.



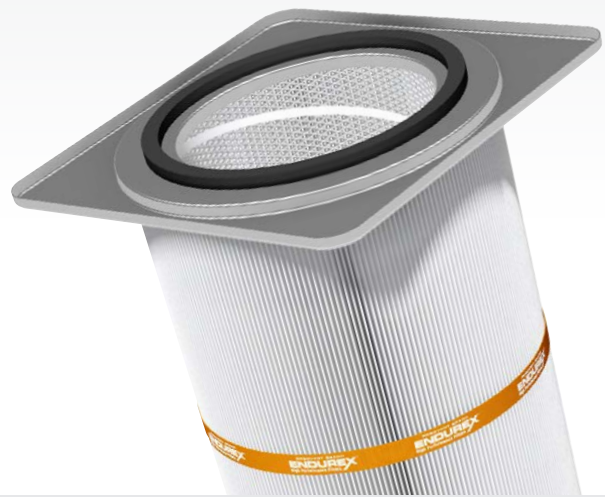


Discover the Endurex™ A15: The Smarter Choice

The RoboVent A15 filter is a breakthrough in filter technology. With RMO technology and proprietary media, the Endurex A15 extends filter life one and a half to two times longer than standard filters.

Ideal for dry, dusty particulate, the Endurex A15 filter can be used on many applications, including weld smoke, metalizing, fumed silica, pharmaceuticals, air blasting and metal grinding. The MERV 15 nanofiber media, made of a high-quality cellulose/polyester blend, is fire retardant for greater safety and efficiently filters particulate down to 0.1 micron in size.

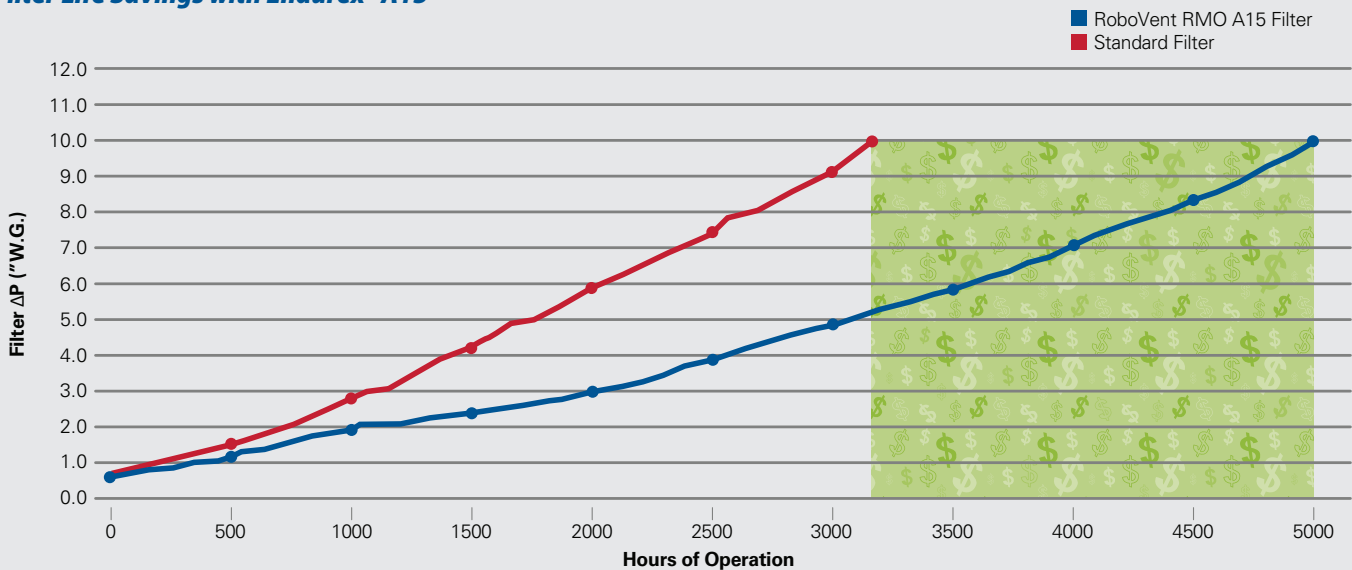
As you can see in the graph below, the filter provides superior filtration with low static pressure. The low filter pressure improves collector performance.



“The RoboVent Endurex filters are a good value for us, because they last longer than regular filters. And with RoboVent’s Client Care program, I never have to think about them. They make sure we’re getting the most out of our equipment and our filters.”

– Plant Manager, heavy equipment manufacturer

Filter Life Savings with Endurex™ A15



Results

Filter Life of Standard Filter: 3200 Hours

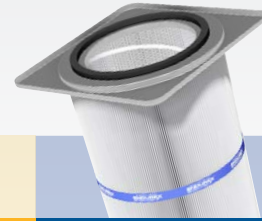
Filter Life of Endurex A15 Filter: 5000 Hours

Filter Life Extended: 1800 Hours

56% Longer Filter Life

Filter Media Breakdown

Compare the various RoboVent Endurex filter medias and see which one is suited for your particular application.



Endurex M11 Economy MERV 11

The Endurex M11 is RoboVent's Economy filter for applications where a low-cost filter is preferred. The M11 media is a fire retardant media that is good up to Merv 11 efficiency.

- Standard cellulose/poly media
- Good filtration for minimum cost
- RMO technology
- Efficient for particulate down to 0.1 micron in size
- Flame retardant media
- 176 °F / 80 °C Max operating temperature

Applications:

- Ambient Dust
- Blasting
- General Industrial
- Nuisance Dust
- Weld Smoke
- Other Light Loading Dust

Endurex D12 DefendEx™ MERV 12

The Endurex D12 is a specially blended media for oil-laden particulate. The media is specifically formulated with an extremely durable phenolic resin system where each fiber is individually coated instead of a film formation.

- Special formulated media with resin impregnated fibers for extreme durability against liquids/oils
- Good for oily smoke applications
- RMO technology
- Filtration efficiency down to 0.15 microns
- Non flame retardant media
- 210 °F / 99 °C Max operating temperature

Applications:

- Agglomerative Dust
- Hygroscopic
- Moist
- Some Abrasive Dust
- Very Oily Weld Fume

Endurex A15 Nanofiber MERV 15

The Endurex A15 is RoboVent's high quality cellulose/polyester blend that provides superior filtration efficiency and long life in welding applications. Every filter is fire retardant and uses Nanofiber technology to achieve long filter life.

- Nanofiber membrane laminated to cellulose/poly substrate
- Long filter life
- Low differential pressure
- RMO technology
- High efficiency for particulate down to 0.1 micron in size
- Flame retardant media
- 149 °F / 65 °C Max operating temperature

Applications:

- Air Blasting
- Fumed Silica
- General Industrial
- Metal Grinding Dust
- Metalizing
- Pharmaceutical
- Weld Smoke
- Wheel Blasting

Endurex B16 PTFE MERV 16

A premium filter offering superior performance in both filter efficiency and longevity. The PTFE coating allows collected material to shed easily and quickly, extending the filter life and providing a very high level of filter efficiency. The Endurex B16 is rated at MERV 16, a level that approaches HEPA filtration standards.

- PTFE membrane laminated to polyester spunbound substrate
- Excellent particulate release
- RMO technology
- Ultra high efficiency for very fine particulate 0.1 micron and below
- Non flame retardant media
- 200 °F / 93 °C Max operating temperature

Applications:

- Chemical Processing
- Food Processing
- General Industrial
- High Production Wheel Blasting
- Laser and Plasma Cutting
- Pharmaceutical
- Polishing
- Weld Smoke

Aftermarket Filters

High-Quality Filters for Every Brand and Application

Do you need filters for air quality equipment made by other manufacturers? No problem. No matter what kind of equipment you have installed, we can help you keep it humming. We maintain a large inventory of high-quality replacement filters for nearly every application and brand of equipment. Our ClientCare team can help you find the right filters to keep your equipment running at optimal performance, no matter who made it.

For a complete inventory of available aftermarket filters, or for help finding filters for uncommon applications, contact your RoboVent ClientCare representative. Here are some of the filters we commonly keep in stock:

Air Filters

- Framed Fiberglass and Polyester Disposable Panels
- Pleated Filters Merv 7-Merv 11
- Polyester Roll Media, Pads, Ring Panels, & Links
- Polyester Cubes
- Synthetic and Fiberglass Media Bag Filters
- Rigid Cell Filters
- Minipleated and Minipleat V-Cells
- HEPA and ULPA Box Filters
- Carbon-Bulk Carbon and Impregnated Media

Spray Booth Filters

- Spray Booth Filters for All Booth Makes & Models
- Prefilter Bags, Cubes and Polyester Link/Ring Panels
- Ceiling/Intake Blankets and Ring Panels
- Exhaust Filter Roll Media and Cut Pads-Polyester & Fiberglass
- 2nd Stage Exhaust Cube and Bag Filters

Standard and custom sizes are available for all of the applications listed.

Call 888.ROBOVENT today for a specialist to visit your facility and provide a custom quote!



Dust Collection Filters

- Replacement Cartridge and Bag Filters for All Dust Collection Systems
- Full Range of Specialty Medias for All Application Requirements
- Full Range of Filters for Oil Mist Collection: Metal Mesh, High Efficiency Bags and HEPA Filters.

Compressed Air Filtration

- Complete Line of Compressor and Compressed Air Filter Elements for all Major Brands
- Compressor Spin-On Lube Filters, Air Intake Cartridges and Panels and Air/Oil Separators
- Refrigerated and Desiccant Dryers



Equipment Upgrades:

Innovative products to maximize safety, efficiency and control.

At RoboVent, we are leading the industry in development of new products and systems to make air quality equipment safer, more efficient, and longer lasting. From fire suppression to mobile monitoring, we offer options to help you reduce operating costs, mitigate risks and get the most out of your RoboVent equipment. We help you move from preventative maintenance to *predictive* maintenance for higher efficiency and a safer working environment.



Helpful Hint

Under extensive lab testing, the Delta3 proved to be more effective than leading competitors at preventing sparks from entering the filter cabinet. Visit www.robovent.com/delta3comparison for a video demonstration.

Delta3™ SparkOut

The key to fire prevention is to stop sparks before they enter the dust collector. RoboVent has long been an industry leader in spark arrestance, with proprietary technology that quickly extinguishes sparks created in the welding process. Delta3 is built on groundbreaking technology that uses centrifugal force to kill sparks before they have a chance to grow. Delta3 delivers:

- Self-cleaning operation to minimize maintenance costs and system downtime
- Superior air flow and low pressure drop for lower energy costs and longer filter life
- Mounted on the dust collector or in line with the ductwork

Delta3 was the only unit that provided complete, 100% spark arrestance in comparative studies.



eTell™

eTell™ puts control of your air quality systems in the palm of your hand! eTell helps you save energy, prolong filter life and reduce operational costs by learning your processes and trends and making automated adjustments where they will have the most benefit. The cloud-based app connects to your RoboVent system using Bluetooth and delivers reports to your phone or tablet. An easy, intuitive dashboard lets you monitor equipment efficiency and system performance metrics 24/7 from anywhere on the planet.

eTell delivers:

- Continual monitoring of inline sensors to track system performance
- Automated adjustments to increase efficiency and improve filter life
- Real-time push notifications and alerts when manual service is required
- Predictive analytics to help you plan proactive maintenance and avoid unscheduled shutdowns





Electronic Control Systems

Maximize the efficiency of your air quality equipment with innovative control systems from RoboVent. Our Variable Frequency Drive (VFD) systems are designed to help you save money by decreasing energy use and extending filter life.

eDrive™ Automatic VFD

RoboVent eDrive monitors your collector's airflow and automatically adjusts the motor's RPM to compensate for filter loading. Benefits of the RoboVent eDrive include:

- Less stress on filter media, which leads to longer filter life
- Decrease in energy usage by approximately 40%
- Improved equipment performance
- Decreased filter costs
- Decreased maintenance costs

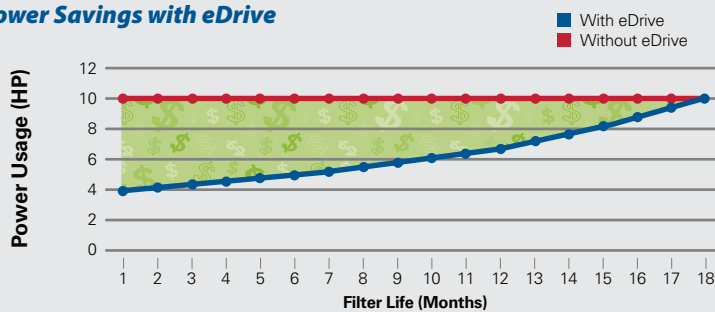
Helpful Hint
ROI on the eDrive varies from 8 to 14 months depending on energy costs.

Helpful Hint
RoboVent's eQ Air Quality Monitoring System can save you up to 20% off your equipment electrical costs — an ROI of 6 months or less!

eQ Air Quality Monitoring

The RoboVent Air Quality Monitoring System is an innovative system that monitors the current air quality in your facility and automatically turns your RoboVent systems on or off. On when you need it, off when you don't — the Air Quality Monitoring System allows you to save money on your electrical costs by operating your RoboVent systems only when they are needed.

Power Savings with eDrive



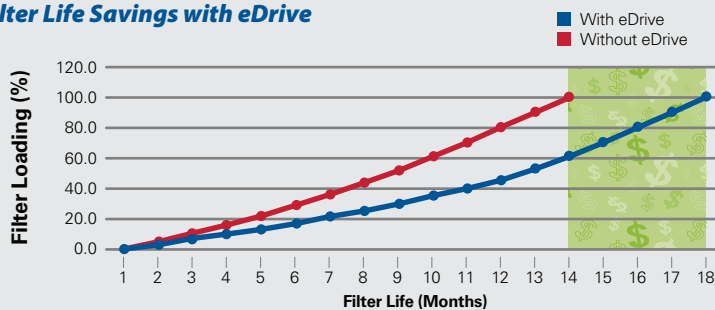
Results

Total KWHs without eDrive: 44,742 KWHs
 Total KWHs with eDrive: 26,396 KWHs
Total KWH's Saved: 18,346 KWHs

Power Savings with RoboVent eDrive

41% SAVINGS

Filter Life Savings with eDrive



Results

Filter Life without eDrive: 14 Months
 Filter Life with eDrive: 18 Months
Filter Life Saved: 4 Months

Filter Life Savings with RoboVent eDrive

29% SAVINGS

*Manual
Welding Fume
Extraction*



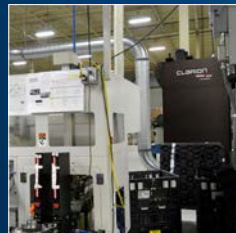
*Integrated
Cooling
Equipment*



*Robotic
Welding Fume
Collection*



*Maintenance
Programs*



*Oil Mist
Extraction*



*Full-Plant /
Ambient Air
Cleaning Systems*

*Dust Collection
Systems*



*Mobile Dust
Collectors*



*Laser & Plasma
Cutting Fume
Collection*

*Aftermarket
Replacement
Filters*



RoboVent[®]

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