

**Nederman**

# Air Purification Tower

Nederman MCP-16RC



 **GAS LAS CENTRUM**  
ALLES OP GAS LAS EN SNIJGEBED

# Stand-alone filtration at its best

Smoke, fumes and particles all have a negative impact on your working environment thereby affecting production quality and profit. The most effective method of controlling welding fumes is extraction at source. This is however not always possible and sometimes insufficient. In such cases, Nederman offers the Air Purification Tower.

Air Purification Tower solutions will keep the background concentration of welding fumes as low as possible. Using advanced computer simulations, we have perfected the unit design and developed guidelines for optimal unit placement.

## Air filtration that secures your workshop

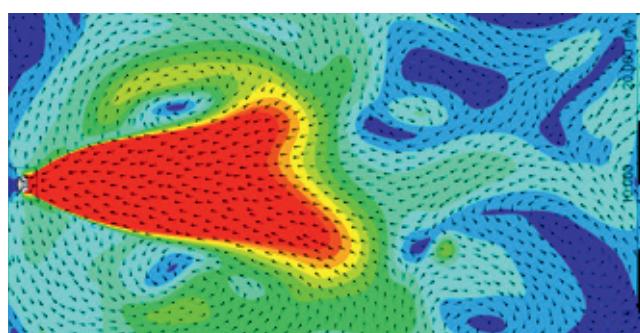
Nederman's Air Purification Tower is the perfect choice if source extraction is not a satisfying option:

- Workshops where ducting cannot be installed
- Welding on large objects, in tight spaces or when capture at source is not practical
- As a complement to capture at source.

## Designed for optimal function

Thanks to the design and set up of the unit, the air constantly circulates in the room, allowing it to repeatedly pass the filtration chamber where smoke and dust particles are captured.

Contaminated air is aspirated near the floor, filtered and blown back into the workshop at the top. High-speed ejection nozzles give Nederman's Air Purification Tower unmatched reach, allowing you to install few units to cover a large area.



Air circulation simulation

## Nederman Air Purification Tower

- Optimized air quality - high-speed ejection nozzles optimize reach and airflow while advanced computer simulations ensure the most efficient installation
- Easy and cost-effective installation with stand-alone unit that does not require any ductwork
- Minimum training required for operation and maintenance due to user-friendly control interface. Reduced downtime thanks to quick service turnaround with hinged door facilitating filter inspection and replacement.



### Knowledge that makes the difference

Finding the right filtration solution for your workshop is only the first step. Deciding on the right number of units and correct placement is key to make the solution work efficiently.

Nederman has the knowledge, experience and capacity to design, deliver and install an efficient and cost-effective solution for a clean and safe work environment. We recommend a solution that will best protect your workers and machinery while maintaining productivity, product quality and work zone cleanliness.

## A complete solution

### Highvac

Welding, grinding and other metal fabrication activities also create heavier particles, metal swarf and chips. With a wide range of industrial high vacuum units Nederman can help you maintain a clean work environment. Ask us about high vacuum and we will recommend the best solution for your needs.

### On-torch extraction

For situations where extraction arms and purification towers are not suitable or insufficient, for example in confined spaces, on-torch extraction is the most effective way to manage smoke and fumes. Nederman cooperates with technology leaders to provide top quality on-torch solutions.

## Discover the air-cleaning experts

With more than 70 years of experience in extraction and filtration of various air contaminants, Nederman is the world leader in industrial air filtration. Our services cover everything from initial analysis and planning to installation, training and maintenance. We are able to provide flexible

solutions, adapted to suit your particular processes and requirements and our dedicated experts can guide you to the best solution. Today, thousands of companies all over the world trust us to improve their operations. Let us improve yours.



Nederman is a world-leading environmental technology company. We filter, clean and recycle to create eco-efficient production in demanding industrial surroundings.

For more than 70 years, Nederman has developed, manufactured, and installed products and solutions to reduce the strain on the environment and improve working conditions in numerous industries.

Our products and systems have been ground-breaking in industries such as machining, metal fabrication, mining, automotive, composite manufacturing, food, pharmaceuticals, wood-working, and many others.