



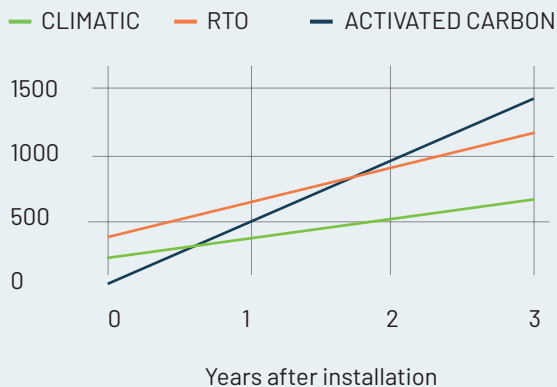
# WHEN EMISSION CONTROL IS A MUST!

## CLIMATIC CLEAN AIR TECHNOLOGY IS THE POWERFUL SOLUTION

- Extreme air cleaning efficiency delivering close to zero final emission of most common industrial pollutants
- Unique Clean Air Technology building on nature’s own oxidative cleaning principles
- Significant economical and operational advantages with low OPEX:
  - No added consumables and close to zero waste products
  - Low pressure drop and high efficiency
  - Intelligent sensor controlled on-demand only activity
- Modular and expandable structure enabling scalability to meet all future demands

### Economic benefits

#### Total cost of ownership (€)



3 years Total Cost of Ownership (TCO) for CLIMATIC installation in comparison with two conventional purification technologies (50.000 m<sup>3</sup>/h line)

### Competitive parameters

	Activated carbon	Thermal oxidation
OPEX	Green	Green
CAPEX	Dark Blue	Green
TCO	Green	Green
Maintenance	Green	Blue
Footprint	Green	Green
Press. drop	Green	Green
Flexibility	Green	Green
CSR	Green	Green

CLIMATIC more competitive  
 CLIMATIC equally competitive  
 CLIMATIC less competitive

Competitive parameters in comparison with conventional technologies

CLIMATIC is the industry sector branch of INFUSER ApS, a global cleantech company headquartered in Copenhagen Denmark.

INFUSER is focused on developing and manufacturing advanced air cleaning products based on

GAS PHASE ADVANCED OXIDATION.

INFUSER works in close cooperation with universities, academic institutions and industrial partners around the world. INFUSER’s proprietary Clean Air Technology has won multiple technology awards.



## CLIMATIC CLEAN AIR TECHNOLOGIES AT A GLANCE

- Based on a deep understanding of atmospheric chemistry, CLIMATIC Clean Air Technologies harnesses and accelerates advanced photolytic and oxidative processes for application in pollution mitigation at industrial production facilities
- CLIMATIC Clean Air solutions are both efficient and reliable and offers highly attractive operational expenses with a low total cost of ownership, when compared to conventional air purification technologies
- Contrary to conventional UV based technologies, CLIMATIC Clean Air Technologies eliminates both the primary pollution, but also any secondary pollution, including ozone, aerosol particles and semi-oxidized VOCs. Special filter designs and filter medium with automated cleaning capabilities allow service and maintenance to be kept at a minimum
- The customized SCADA (Supervisory Control and Data Acquisition) monitoring system generates automated pollution mitigation performance reports from installed sensors, reports critical for use in official documentation of emission compliance
- For more information about CLIMATIC Clean Air Solutions visit our website on [www.infuser.eu/ climatic](http://www.infuser.eu/ climatic) or contact us at +45 2010 8132 for requisition of our CLIMATIC Clean Air white paper or for setting up a meeting with our global or local representatives



INFUSER ApS, Ole Maaloes Vej 5  
DK-2200 Copenhagen  
[www.infuser.eu/climatic](http://www.infuser.eu/climatic)  
Phone: +45 2010 8132