



aerotec

Air purification - for better efficiency and results.

bioclimatic air purifiers produce the optimal ripening, storage and hygiene conditions required in the food processing industry. Air purification systems successfully counteract air pollution from:

- **Bacteria**
- **Germs**
- **Microorganisms**
- **Toxic substances**
- **Odours**
- **Dust particles**
- **Gases**

They are protecting food from premature spoiling and fungal attacks. Goods can be stored longer and stay visibly fresh and appetizing.

Smell and odour contamination are avoided. Desiccation losses are reduced to a minimum.

The aerotec units are manufactured with stainless steel housings for permanent installation and continuous operation. They are essential for companies striving for efficient and environmental friendly operations, for food processing areas, in storage and sales areas, for meat processing, in cooling and ripening rooms as well as for highly odour contaminated operations. They perfectly fit and function in animal breeding stations as well as in the husbandry.

■ aerotec IR with integrated controller

Unit with stainless steel housing, equipped with 1, 2 or 3 discharge tubes to service different capacities and room sizes. Ready to use for permanent ceiling or wall installation.

■ aerotec with remote controller

Unit with stainless steel housing, equipped with 1, 2 or 3 discharge tubes for ceiling or wall installation.

Controlled by a separate IR 50/100 controller. Option for simultaneous control of several units with one controller.



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Healthy, purified, odourfree air for optimal ripening, storage and hygienic conditions in the food processing industry - the job for bioclimatic air purifiers.

How does it function?

The units exploit a natural process: air purification by ionization. Neutral oxygen molecules are negatively and positively charged by

the „dielectric barrier discharge (DBD)“ in special ionization tubes (bipolar ionization). This process generates ions with a very high energy potential which then neutralizes bacteria, germs and odours.

Sophisticated technology

The unique **bioclimatic** charging tube guarantees high level of efficiency and

is completely reliable - even under the heaviest loads during continuous operation. To purify strongly polluted air, silver coated tubes are available. The integral controller or the remote central controller allows to choose between several operating levels to match the ambient conditions.

Highest Quality Materials

The air purifier systems are solidly built to guarantee a very long lifetime - even under extreme conditions - because of their stainless steel housing. The electronic parts are splash-proof, allowing easy cleaning and maintenance.

Model	Dimensions w x h x d (mm)	Weight (kg)	No. of tubes & type	Max. Power Consumption (W)	Max. Room Volume (m ³)	Applications	
Units with integrated controller							
5 IR		2,8	1 x IRC	5	5	* Production, processing and storage rooms for food. Cold stores for meat, fish and cheese. Defrosting areas, ripening and picking rooms, sales counters animal breeding, animal husbandry, odour contaminated rooms of all types.	
10 IR		5	1 x IRD	7	10		
20 IR		5	1 x IRE	7	20		
30 IR	543 x 235 x 115	5	2 x IRD	10	30		
40 IR		5	2 x IRE	10	40		
60 IR		5	3 x IRE	15	60		
90 IR	702 x 235 x 115	6	3 x IRF	25	90		
Units without integrated controller - requires separate IR 50/100 controller							
10		5	1 x IRD	7	10		
20		5	1 x IRE	7	20		
30	543 x 235 x 115	5	2 x IRD	10	30		
40		5	2 x IRE	10	40		
60		5	3 x IRE	15	60		
90	702 x 235 x 115	6	3 x IRF	25	90		

bioclimatic - that means competence and experience in the area of high quality air purification and degermination systems since 1977 for:

- The food industry
- Hotels and Restaurants
- Catering kitchens
- Offices and administration buildings
- Hospitals and medical laboratories
- People retirement homes and nursing houses
- Private homes
- Animal breeding and husbandry
- High odour contaminated operations

For further information on our full product range please do not hesitate to contact us. We will be glad to service you.



AirDeco Line



aerotron



aeromat



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