



Commercial ventilation · Residential ventilation · Kitchen ventilation · Passive houses by ATREA

COMPANY INTRO



Leader in ventilation and heat recovery



Company intro

ATREA is a leading company in ventilation and heat recovery. ATREA means top quality, continuous innovation, excellent performance and sensitive partnership approach. Thanks to all these advantages ATREA provides products near to state of art. As a result of deep technical knowledge, long tradition and constant market attention ATREA products are well known in all Europe and introductory negotiations are taking place with customers from overseas.

DUPLEX Flexi and DUPLEX EC5



→ ATREA history

After a successful enter to Germany and the rest of Western Europe like Switzerland, Italy, United Kingdom, Netherlands and others, ATREA marketed a new DUPLEX FLEXI concept. This successful product appealed to wholesalers and thus significantly increased ATREA's market share. The company's export activities then focused on the remaining European markets and attention is being focused also on overseas opportunities. A new factory is currently being constructed to meet ATREA's growing demand for production capacity.

→ ATREA's product range

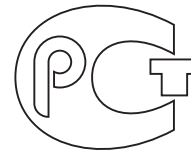
- **Commercial ventilation**
– air handling units from 500–15 000 mc/h
- **Residential ventilation**
– air handling units from 180–500 mc/h
- **Kitchen ventilation**
– whole area ventilation ceilings and kitchen hoods
- **Passive houses by ATREA**

> WE SAVE YOUR ENERGY

B2B Benefits

- High efficiency up to 95 %
- Top quality components
- Own heat recovery cores
- Own control system
- Own selection software
- Internet connection as standard
- Plug-and-play mode
- Life Cycle Cost software
- Passive House Institute certification
- VDI 6022 – hygienic certification
- Eurovent certification
- Smartphone application

Certification



iOS, Android compatible

Compact **but efficient** ←

ATREA products are exceptional because of extremely compact design while the efficiency is one of the highest on the market. ATREA is a producer of own plate counterflow heat-recovery cores with the efficiency up to 95 %.

Smart but easy ←

ATREA units are smart it means high-end control system with built-in web server and great performance. But at the same time ATREA units are easy to understand and install as delivered in plug-and-play mode.

MULTI

□ DUPLEX Multi

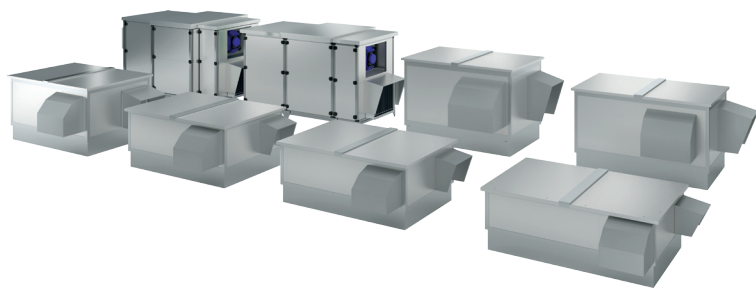
- DUPLEX Multi 500
- DUPLEX Multi 1000
- DUPLEX Multi 1500
- DUPLEX Multi 2500
- DUPLEX Multi 3500
- DUPLEX Multi 5000
- DUPLEX Multi 6500
- DUPLEX Multi 8000
- DUPLEX Multi 10000
- DUPLEX Multi 11000

Excellent performance in 100 % customised design. The philosophy of these top-quality and compact units is based on multiple configuration options and absolute customization.



□ DUPLEX Rooftop

- DUPLEX Rooftop 1500
- DUPLEX Rooftop 2500
- DUPLEX Rooftop 3500
- DUPLEX Rooftop 5000
- DUPLEX Rooftop 6500
- DUPLEX Rooftop 8000
- DUPLEX Rooftop 10000
- DUPLEX Rooftop 11000



→ Excellent compactness → Heat recovery up to 93 % → **ADVANTAGES Multi**

- 93 % heat recovery efficiency
- 100 % customization
- Excellent compactness
- Integrated heating and cooling
- Floor-standing and ceiling suspended
- Internet interface as a standard
- Smart phones application
- BMS compatibility
- VDI 6022 hygiene certification

- Passive House Suitable component*
- EC fans – Top German quality
- Excellent thermal characteristic
- Circulation damper
- 100 % by-pass damper
- Constant flow
- Constant pressure
- Great casing construction

FLEXI

□ DUPLEX Flexi

The philosophy of these extraordinary and high-efficient units is **serial production, with subsequent availability in stock**. Our customers can therefore immediately react to their clients' needs and optimize transport cost.

- DUPLEX Flexi 1100
- DUPLEX Flexi 1600
- DUPLEX Flexi 2600
- DUPLEX Flexi 3600

Heating and cooling



All four units are PHI certified



ADVANTAGES Flexi

- Floorstanding and underceiling in one!!!
- Off-the-shelf delivery
- Efficiency up to 92 %
- Great compactness
- On-site variability
- Versatile positioning
- Internet interface as standard!!!
- 100 % by-pass
- Constant flow and Constant pressure
- VDI 6022 hygiene certification

Flexi size range



- Passive House suitable component

EC

□ **DUPLEX EC5, ECV5**

- DUPLEX 170 EC5
- DUPLEX 370 EC5
- DUPLEX 570 EC5
- DUPLEX 280 ECV5
- DUPLEX 380 ECV5
- DUPLEX 580 ECV5

ATREA domestic ventilation units are equipped with the most modern technologies to ensure the luxury comfort and healthy environment.

EC5 – underceiling version
ECV5 – vertical version



DUPLEX EC5

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Web server



Own production of plate counterflow heat recovery exchangers

Internet connection

Heat recovery up to 92 %

ADVANTAGES EC5

- Horizontal and vertical mounting position
- Three sizes to meet market requirements
- 92 % counterflow heat recovery exchanger
- 100 % by-pass damper
- Top quality EC fans – German quality
- Easy airflow settings using just the controller
- Two kinds of control system for different price ranges

- Plug-and-play control system
- Constant flow function
- Electric pre-heater
- Electric re-heaters
- Hot-water re-heater
- **Integrated webserver** @
- Application for smartphones





FULL AREA LOCAL

□ FULL-AREA extraction

Ventilation ceilings

- SKV
- TPV

□ LOCAL extraction

Kitchen hoods

- OPTIMA
- GRANDE
- VARIANT
- KUBUS
- MODIS



ATREA Kitchen line

ATREA is the only manufacturer able to supply all components of a ventilation system for industrial kitchens as a single package. It is based on modern high-efficient DUPLEX compact ventilation units that are connected to a special control system sensing immediate thermal loads in the kitchen. Either local or full-area extraction can be used inside the kitchen proper.

Ventilation ceilings advantages

- Perfect protection of ceiling structures
- Better cleaning capability and subsequently more economical maintenance
- Light weight
- Uniform ventilation and lighting of the entire area
- A design infinitely more graceful than the stainless-only version
- Lower price

ATREA is the only supplier of this complex system in the market!



Atrea[®]

ATREA s.r.o.

Československé armády 32
466 05 Jablonec nad Nisou
Czech Republic

email: export@atrea.eu