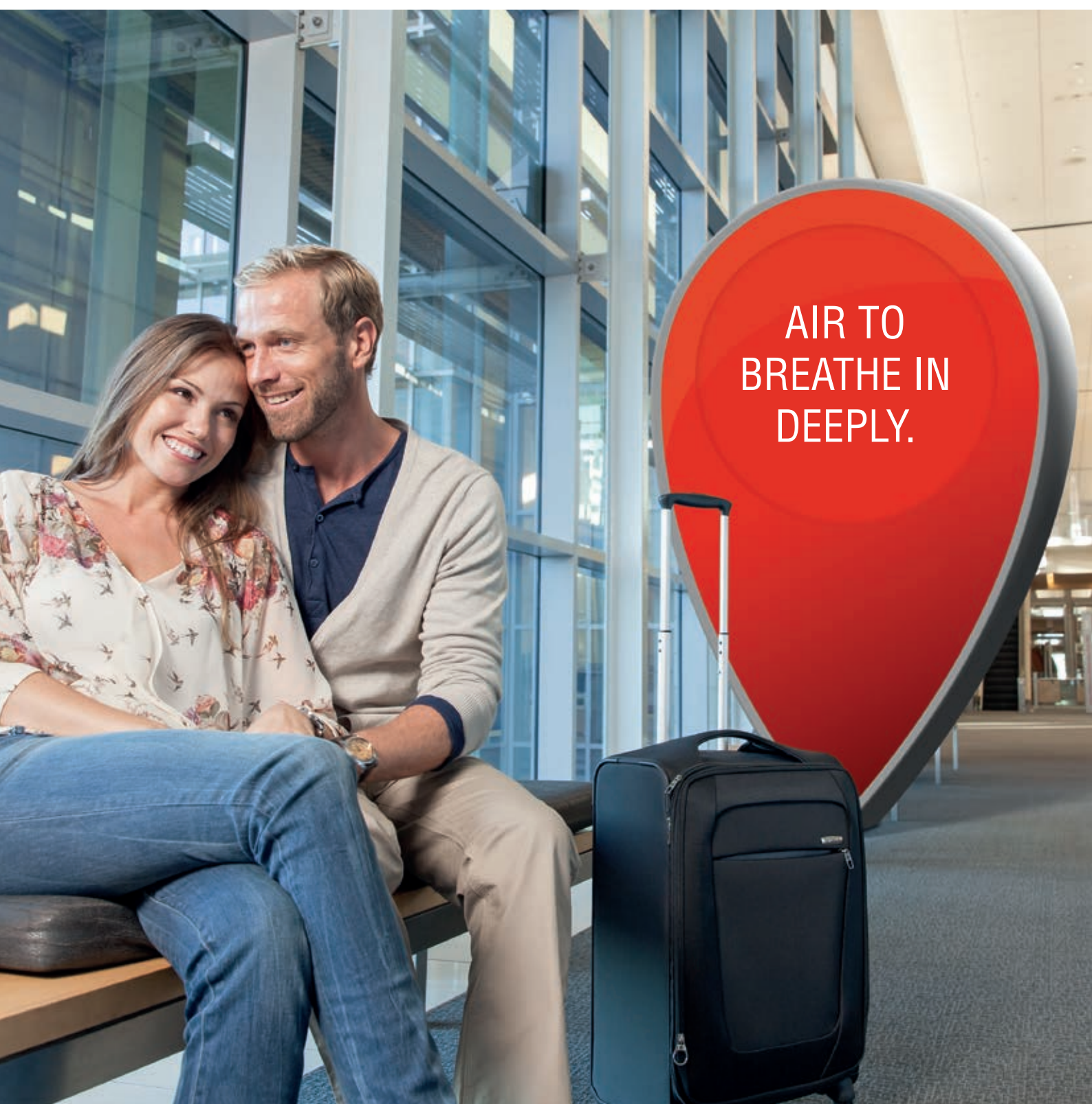


## AIR-CONDITIONING FOR PEOPLE



AIR TO  
BREATHE IN  
DEEPLY.

# THE RIGHT AIR FOR ALL CIRCUMSTANCES

## VENTILATION AND AIR-CONDITIONING FOR A COMFORTABLE CLIMATE



For any area where people spend time, AL-KO provides you with a ventilation and air-conditioning solution that is perfectly aligned with your requirements in terms of energy efficiency, hygiene, handling on site as well as delivery times:

- | AL-KO **EASYAIR**® line of detachable standard units with MODBUS control for air flow rates from 600 to 12,000 m³/h.
- | AL-KO **EASYAIR**® flat for ceiling mounting and air flow rates from 600 to 3,800 m³/h.
- | AL-KO **ATEASY**® modular solutions from a construction kit with several thousand components for air flow rates from 1,000 to 25,000 m³/h. Assured delivery in less than 4 weeks\*.
- | AL-KO **ATFLEX**® customised solutions tailored to perfectly match the requirements from 1,000 to 120,000 m³/h.

\*4 calendar weeks from the legally binding order to the delivery to places in mainland Germany or until the transfer to the carrier.



## PUREST AIR IN ALL CATEGORIES

AL-KO offers the right solution for every field of application, from Antarctica to the tropics, for interior and exterior operation, and always at the right quality:

- | Units for indoor as well as outdoor installation
- | Units for ceiling mounting
- | Split units for easy installation in existing buildings
- | Different heat recovery systems
- | Integrated cooling – optimised energy efficiency



# THE AIR IS FLOWING THIS EASILY

## QUALITY DOWN TO THE LAST DETAIL



## THE ALL-ROUND CAREFREE PACKAGE

Reliable delivery, assured delivery dates and perfect technical service are typical AL-KO qualities:

- | Assured delivery dates
- | Conformity with current tests and requirements
- | Easy to install and set up
- | Competent technical support
- | Easy, software-based planning and design



## AIR FROM THE BEST HOUSING

From construction to final inspection, AL-KO focusses on highest quality in terms of housing hygiene and tightness:

- | Highest corrosion protection due to galvanised and additionally powder-coated housing panels
- | High heat and sound insulation
- | Sound and heat insulating material made of mineral wool, building material class A1, incombustible according to EN 13501/1
- | Patented thermally decoupled inner and outer shell
- | Smooth interior surfaces for maximum hygiene
- | Detachable housing (**EASYAIR®**, **ATEASY®** and **ATFLEX®**) or extendible housing (**EASYAIR®** flat) for easier installation and mounting



## LOTS OF AIR - LOW CONSUMPTION

Optimum energy efficiency is the result of optimised components, a well-designed construction down to the last detail and the production of consistently perfect thermal components:

- | Optimum air flow to the functional units and thus minimisation of internal pressure losses
- | Use of EC fans combined with permanent magnet motors and frequency converter
- | Free-wheeling fans combined with a selection of highly efficient 3-phase motors by different manufacturers (only available for **ATFLEX®**)
- | Optimised heat recovery systems in alignment with the respective requirements
- | Clear and manageable running costs thanks to life cycle cost analysis

# THE EASY WAY TO THE RIGHT UNIT

## AL-KO EASYAIR®



	Flow rate m³/h	External dimensions		
		Length in mm	Width in mm	Height in mm
Units with rotary heat exchanger				
RO-01	650	1,530	712	953
RO-02	1,000	1,530	865	1,259
RO-03	1,500	1,606.5	1,018	1,259
RO-04	2,000	1,759.5	1,171	1,565
RO-05	2,700	1,759.5	1,324	1,565
RO-06	3,300	1,759.5	1,324	2,177
RO-07	4,200	1,989	1,630	1,871
RO-08	5,000	2,142	1,630	2,177
RO-09	6,000	2,142	1,936	2,177
Units with plate heat exchanger				
PL-01	650	2,142	712	953
PL-02	1,000	2,142	1,018	953
PL-03	1,500	2,524.5	1,018	1,259
PL-04	2,000	2,524.5	1,324	1,259
PL-05	2,500	2,601	1,630	1,259

## AL-KO EASYAIR® flat



	Flow rate m³/h	External dimensions		
		Length in mm	Width in mm	Height in mm
Units with counterflow plate heat exchanger				
GF-01	650	1,734	1,326	362
GF-02	900	1,836	1,326	464
GF-03	1,350	1,938	1,938	464
Units with supply and exhaust air				
EF-01	650	816	968	464
EF-02	900	816	968	464
EF-03	1,350	816	968	464



## AL-KO ATEASY®



Flow rate m³/h	Equipment size	External dimensions	
		Width in mm	Height in mm*
2,300 – 5,300	12 x 6	995	536 (646)
2,000 – 4,700	8 x 8	689	689 (809)
3,000 – 7,100	12 x 8	995	689 (809)
4,000 – 9,400	16 x 8	1,301	689 (809)
4,600 – 10,600	12 x 12	995	995 (1,105)
6,100 – 14,200	16 x 12	1,301	995 (1,105)
7,600 – 17,700	20 x 12	1,607	995 (1,105)
8,100 – 18,900	16 x 16	1,301	1,301 (1,411)
10,100 – 23,600	20 x 16	1,607	1,301 (1,411)
12,600 – 29,500	20 x 20	1,607	1,607 (1,717)

\*Figure in brackets indicates the height incl. the installation frame.



**ATEASY® – Delivery  
in less than 4 weeks\*!**

\*4 calendar weeks from the legally binding order to the delivery to places in mainland Germany or until the transfer to the carrier.

# AIR TO BATHE IN!

## AIR-CONDITIONING FOR SWIMMING POOLS AND SPAS



Water parks, swimming pools and thermal spas are places of well-being – with the highest requirements regarding ventilation and air-conditioning. AL-KO has therefore developed configurations based on the AT4-F standard modules and functional units which are specifically tailored to meet the needs of swimming pools on the one hand as well as natural brine and thermal spas on the other.





In this highly humid environment with considerably variable performance requirements – for example between day and night or different seasons – AL-KO's top production quality makes a definite difference: The smooth interior walls without joints inherently have a minimum corroding surface. Furthermore, AL-KO units for swimming pool environments are protected by double powder coating free of pores. Their thickness of at least 120 µm further protects the unit against corrosion. The sealing geometry at doors and controls reduces the risk of thermal bridges to zero.

These facts manifest themselves not only in terms of hygiene, but also have a positive effect on energy efficiency, just like the excellent components:

- | Powerful heat recovery
- | Specifically programmed regulation of flow rates during summer and additional heat recovery during winter
- | Night setback during standby operation
- | Economical, yet powerful EC fans

# AT HOME IN THE AIR OF THE SEVEN SEAS

## MARINE AIR-CONDITIONING



On ocean fishing trawlers, luxury cruise ships, cargo ships or platforms alike – ships and oil-platforms with air-conditioning by AL-KO can be found on all seven seas. Even the crew on time-honoured navy training sailing ships does not have to go without the comforts of AL-KO conditioned air below deck.





AL-KO ship ventilation and air-conditioning devices are based on the modular AL-KO AT construction kit:

- | Galvanised housing panels and installations
- | Made of V2A or V4A sheets and steels – sea air and water-resistant
- | Powder-coated as standard, double-coated on request
- | 47 mm panel thickness at consistent insulation for low thermal/cooling loss and maximum sound insulation
- | Incombustible insulating elements according to EN 13501/1
- | Different heat recovery systems
- | Most economical EC or free-wheeling fans



**AL-KO THERM GMBH**  
**Ventilation and Air-Conditioning**  
**Technology**

Hauptstrasse 248 – 250  
89343 Jettingen-Scheppach  
Germany  
Tel. +49 8225 39-0  
Fax +49 8225 39- 2113  
klima.technik@al-ko.de  
**www.al-ko.com**

Figures show configuration examples which are not available in every market.  
Please ask your AL-KO advisor.

Provided by your AL-KO partner:

Subject to modifications in response to technical developments.  
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