

EASYAIR® flat

THE COMPACT  
WAY TO A  
COMFORTABLE  
CLIMATE.





## LIFE IN PURSUIT OF QUALITY – FROM THE VILLAGE FORGE TO A GLOBAL CORPORATION

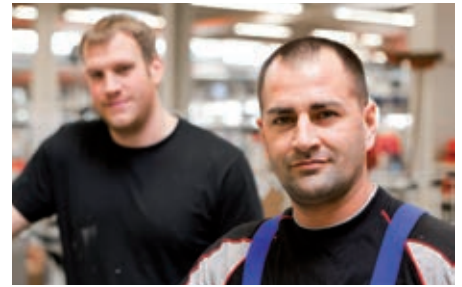
AL-KO KOBER SE was founded in 1931 by Alois Kober as a small metalworking shop in the Bavarian-Swabian town of Großkötz, near Günzburg. Today, the company employs approximately 4,200 people at 50 locations across the globe. The third generation to run this family business, it is still managed as per the founder's wishes: constantly striving for quality, innovation and carefully designed functionality.

The Directors of AL-KO KOBER SE  
(from right to left): Stefan Kober (CEO),  
Harald Kober and Roland Kober



## THE ADVANTAGES FOR YOU

- | Production at company manufacturing plants in Bavaria and Saxony-Anhalt
- | Highest quality thanks to decades of expertise in engineering, testing and manufacturing
- | In-house test facilities



AL-KO VENTILATION AND  
AIR-CONDITIONING TECHNOLOGY  
**ENGINEERED AND  
MADE IN GERMANY**

# EASYAIR® flat

## THE COMPACT WAY TO A COMFORTABLE CLIMATE

### TRUE GREATNESS IS NOT A QUESTION OF DIMENSIONS

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EASYAIR® flat is the energy-efficient range of flat devices for ceiling installation by AL-KO. EASYAIR® flat is suitable for airflow rates between 600 and 3,800 m<sup>3</sup>/h and offers all characteristics known from AL-KO in a compact device: for example powder-coated housing both inside and outside, long service life and convenient, intuitive control as well as cost-efficient operation, to name but a few.





## THE ADVANTAGES FOR YOU

- | High security of investment thanks to durable AL-KO quality
- | High energy efficiency due to energy saving EC fan motors and efficient heat recovery through plate heat exchanger
- | Better air hygiene and lower cleaning costs thanks to smooth surfaces in the air duct
- | Low maintenance costs thanks to high-quality manufacturing and the possibility of removing parts easily for cleaning
- | Easy ceiling installation thanks to modular construction and extendable components
- | Thanks to these advantages exceptionally low life cycle costs



The plate heat exchanger ensures heat recovery of up to 90% and boasts long maintenance intervals.



Excellent energy-efficiency: Fan with precisely tuned EC motor.

# EASYAIR<sup>®</sup> flat

## TECHNICAL DATA

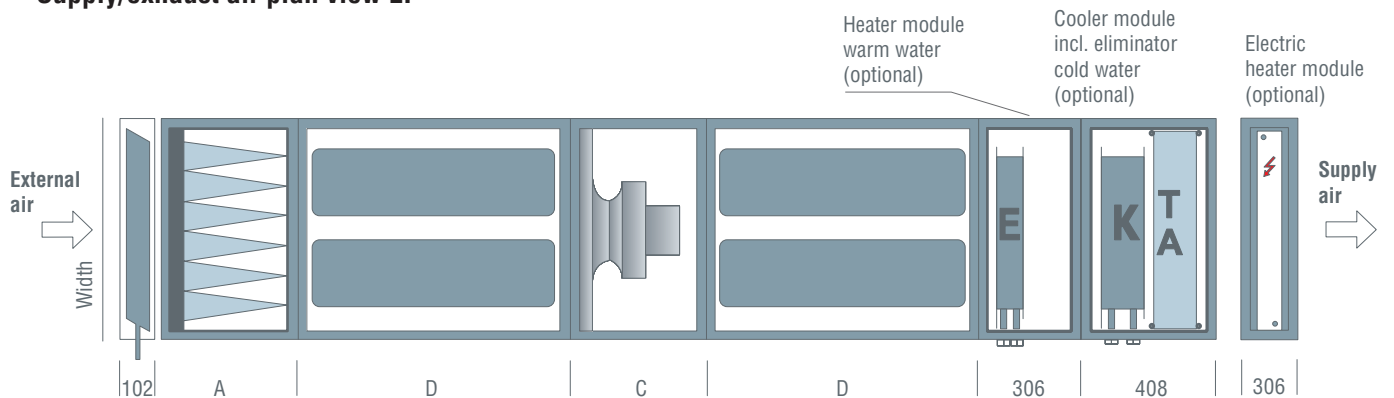
### Supply and exhaust device with plate heat exchanger

Type	Airflow rate <sup>1</sup> (m <sup>3</sup> /h) / efficiency of heat recovery <sup>2</sup> (%) / sound level <sup>3</sup> (dB(A))			SFP <sup>4</sup> supply/exhaust air W/m <sup>3</sup> ·s	Basic unit (mm)		
	from	Nominal value	up to		Length <sup>5</sup>	Width	Height
GF-01	650 / 84 / 70	1,000 / 82 / 71	1,350 / 80 / 73	614 / 599	1,734	1,326	362
GF-02	900 / 84 / 70	1,800 / 80 / 80	1,880 / 80 / 81	941 / 862	1,836	1,326	464
GF-03	1,350 / 84 / 66	2,700 / 80 / 73	2,840 / 80 / 74	791 / 731	1,938	1,938	464

### Supply and exhaust device

Type	Airflow rate <sup>1</sup> (m <sup>3</sup> /h) / efficiency of heat recovery <sup>2</sup> (%) / sound level <sup>3</sup> (dB(A))			SFP <sup>4</sup> supply/exhaust air W/m <sup>3</sup> ·s	Basic unit (mm)		
	from	Nominal value	up to		Length <sup>5</sup>	Width	Height
EF-01	650 / 68	1,000 / 68	1,700 / 73	567	816	662	362
EF-02	900 / 69	1,800 / 79	2,750 / 87	654	816	662	464
EF-03	1,350 / 64	2,700 / 72	3,700 / 80	608	816	968	464

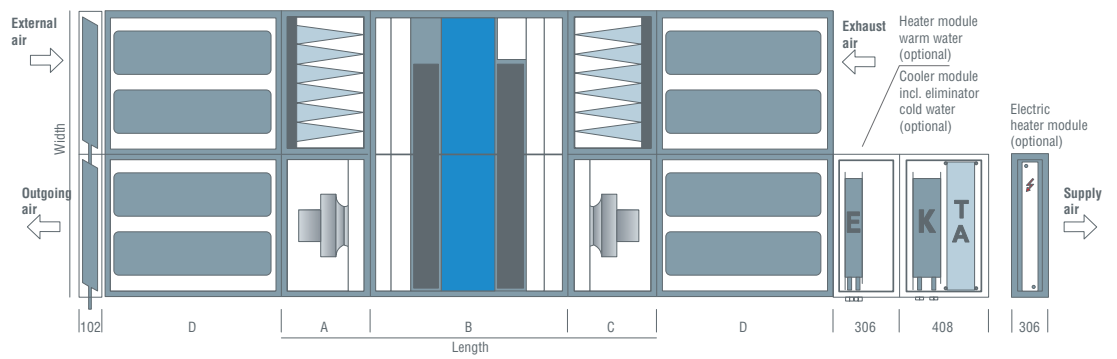
### Supply/exhaust air plan view EF



- |  |  |
|--|--|
| 1 External pressure loss supply air 200 Pa, exhaust air 200 Pa   | 5 With connection nozzles (optional) longer device length by 102 mm on each side |
| 2 Efficiency of heat recovery according to DIN EN 308 (dry)  | 6 Silencer module (optional)   |
| 3 Sound power level in the air supply duct   | 7 Octave insertion loss at 250 Hz  |
| 4 Specific fan power (SFP) according to EnEV 2014 at nominal airflow rate and external air duct pressure losses supply air 200 Pa, exhaust air 200 Pa, with filter (F7 / F5) | 8 Water heater   |
|  | 9 Cooler incl. eliminator  |
|  | 10 Electric heater   |

## Plate heat exchanger Plan view GF

GF type:  
Heat recovery  
Plate heat exchanger



### Options

A mm	B mm	C mm	D <sup>6</sup> mm	Absorption dB <sup>7</sup>	Air duct connection (mm) <sup>5</sup>		Weight Basic unit (kg)	Max. connection power			Water heater <sup>8</sup> 4.7kW	Water cooling <sup>9</sup> 5.0kW	Electric heater <sup>10</sup>	
					Width	Height		kVA	A	V			A	A
408	918	408	808	20	612	306	220	1.38	6.0	1 x 230	4.7kW	5.0kW	5.5kW	7.9
408	1,020	408	808	20	612	408	270	1.84	4.6	3 x 400	8.4kW	8.9kW	9.5kW	13.7
408	1,122	408	808	20	918	408	366	2.16	5.4	3 x 400	12.7kW	13.8kW	14.0kW	20.2

### Options

A mm	B mm	C mm	D <sup>6</sup> mm	Absorption dB <sup>7</sup>	Air duct connection (mm) <sup>5</sup>		Weight Basic unit (kg)	Max. connection power			Water heater <sup>8</sup> 11.4kW	Water cooling <sup>9</sup> 5.0kW	Electric heater <sup>10</sup>	
					Width	Height		kVA	A	V			A	A
408	-	408	808	20	612	306	58	0.81	3.5	1 x 230	11.4kW	5.0kW	8.1kW	11.7
408	-	408	808	20	612	408	68	1.12	2.8	3 x 400	20.5kW	8.9kW	14.6kW	21.1
408	-	408	808	20	918	408	85	1.28	3.2	3 x 400	30.8kW	13.8kW	21.9kW	31.6

### EASYAIR® flat

<b>Housing</b>	Powder-coated housing both inside and outside
<b>Filter</b>	Supply air: Class F7 fine particle filter. Exhaust air: Filter M5.
<b>Fans</b>	Free-wheeling with backward-curved blades. EC motors (IE 3)
<b>Regulation</b>	Separately, in switch cabinet configuration. Optionally without regulation
<b>Options</b>	<ul style="list-style-type: none"> <li>• Cooler module with eliminator</li> <li>• Warm water heater module</li> <li>• Electric heater module</li> <li>• External dampers (tightness class 2)</li> <li>• Sound-decoupled connection nozzles</li> <li>• Silencer</li> </ul>

Diagrams show connection side in the direction of the supply air flow.

# AL-KO

QUALITY FOR LIFE

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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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