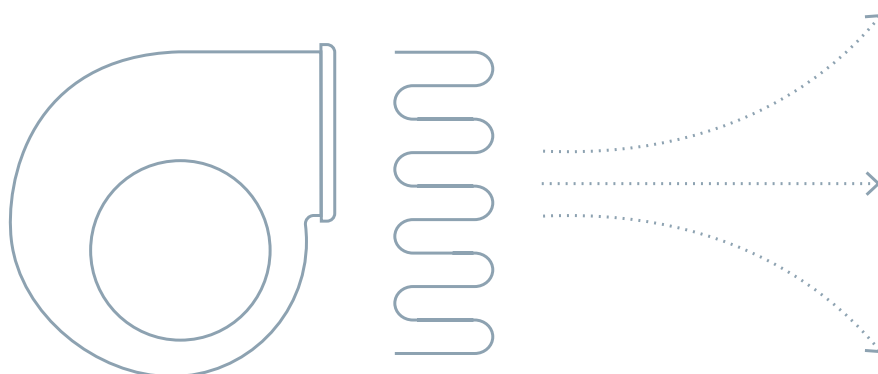




AERMEC

FAN CONVECTORS



AIRCOIL





COMFORTABLE TEMPERATURE

TAKE CONTROL OF THE ROOM'S CLIMATE AERMEC'S SMART, QUIET FAN CONVECTORS PROVIDE A COMFORTABLE TEMPERATURE, ALL YEAR ROUND.

A fan convector provides heating or cooling as required and is commonly used in hotels, office buildings, hospitals, schools and private homes where being able to control the room climate is important. Smart technical features, a sleek design, quiet operation and easy installation make Aermec's fan convectors the ideal choice in most environments.

SIMPLE INSTALLATION

The fan convectors can be mounted on a wall, on the ceiling or freestanding on a frame. The delivery includes the necessary mounting brackets (for Omnia) and cable supports for electrical installation. Heating and cooling can also be combined in the same unit using an external changeover switch and other components.



OMNIA FCW P. 8



OMNIA SLIM P. 11



OMNIA UL P. 13

PUBLIC ENVIRONMENTS

HOTELS, RESTAURANTS AND OFFICES

We offer powerful fan convectors for public environments, selected according to the building and how the space is used. Smart control systems for cooling and heating in sequence can be supplemented with a control valve and thermostat.

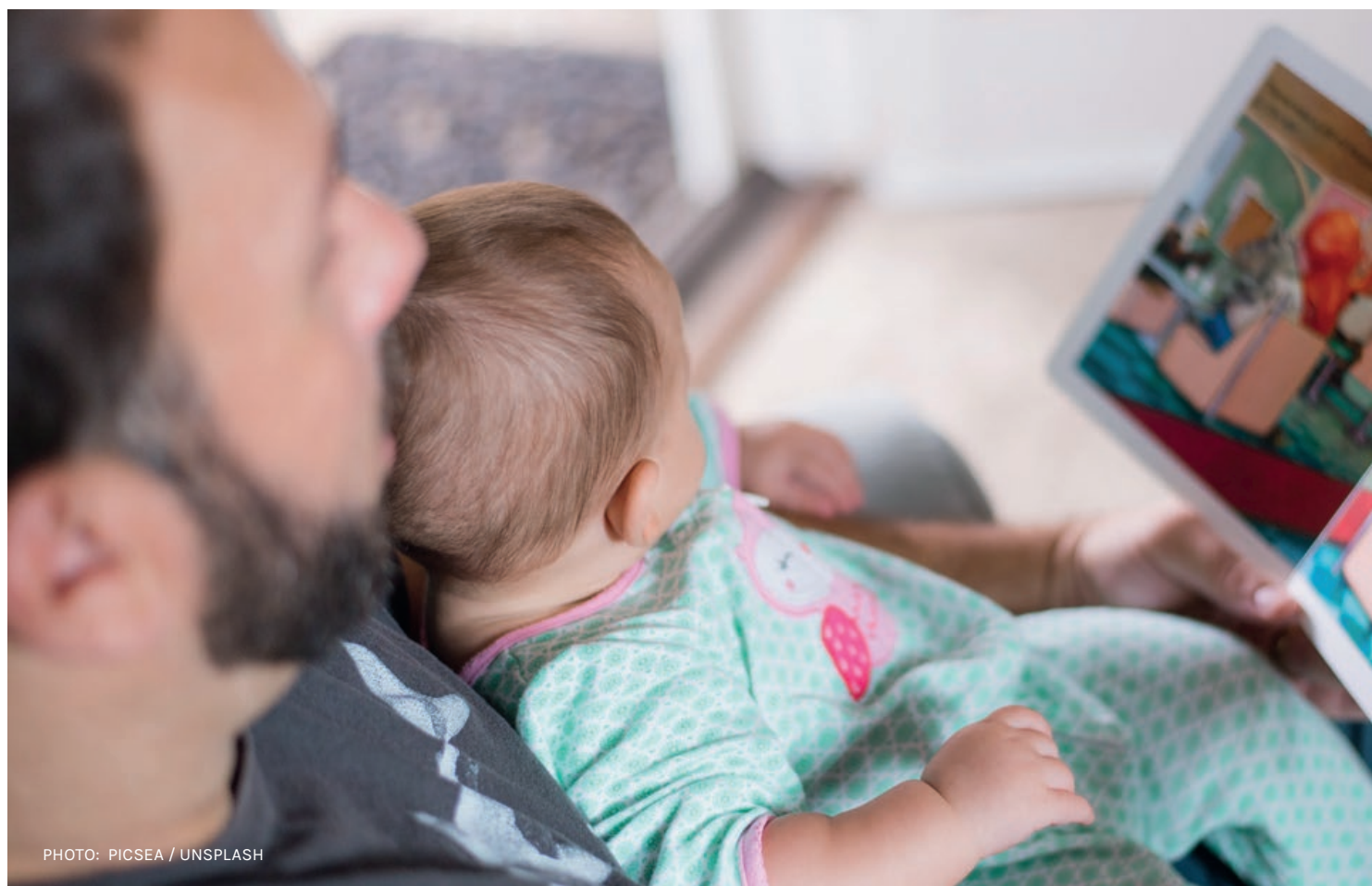


PHOTO: PICSEA / UNSPLASH



PHOTO: MAX FRAJER / UNSPLASH



HOME

RIGHT TEMPERATURE ALL YEAR ROUND

For homeowners and property owners, a fan convector can be installed as part of the building's climate control system. The convectors deliver high output and are well suited when converting from direct electric heating to hydronic heating.



AERMEC

Aermec was founded in Italy in 1961 and is one of the world's leading companies in air-conditioning technology. Its strengths include high quality, a focus on research and development to create technological solutions using carefully selected materials, and performance that meets all the customer requirements for various applications. The products are designed for homes, shops, hotels, data centres, sports and leisure facilities, public buildings and healthcare environments, as well as many specific industrial applications.

PHOTO: KERSTIN HERMANSSON LÖFGREN



PHOTO: ANDREW NEEL / UNSPLASH



FAN CONVECTORS

A RELIABLE CHOICE – STABLE, SAFE AND EASY TO MAINTAIN

MODELS

The fan convectors are available in three different designs, for horizontal or vertical installation and in four different sizes.

FCW

Modern design

OMNIA ULS-CS

Compact design

OMNIA UL

Classic model

OMNIA ULS-C

Upgraded with electronic temperature control*.

OMNIA UL-C

Upgraded with electronic temperature control*.

NEW!

FCW



PHOTO: ALEXANDRU ACEA / UNSPLASH



FAN CONVECTOR THAT TAKES UP LITTLE SPACE AND DELIVERS GREAT PERFORMANCE. WITH ITS MODERN DESIGN AND EASY-TO-USE CONTROLS, IT IS WELL SUITED TO BOTH HOMES AND PUBLIC ENVIRONMENTS.

The FCW model is an Aermec fan convector with a modern design and easy-to-use controls. With just a few clicks, it provides powerful performance in a unit that is simple to position.

Versatile position close to the ceiling

The FCW model can be mounted high up on the wall, close to the ceiling, in a space that is normally available in most rooms. The unit uses the warm air that rises, heats it to the desired temperature or cools it close to the ceiling, and then directs the air back down into the room. This provides even temperature distribution, whether heating or cooling is required.

Four sizes – wide power range

The convectors are available in four sizes, with an output range from 1,420 to 7,600 W for heating or from 1,370 to 7,450 W for cooling – which is in line with the requirement in a standard room measuring from 28 m² to 149 m².

Flexible tube connections

The FCW models are so versatile that it is possible to connect the pipes in one of three ways. Choose the connection type that best suits your needs. Connections through the wall to the rear of the unit leave the pipes completely concealed.

Simple filter cleaning

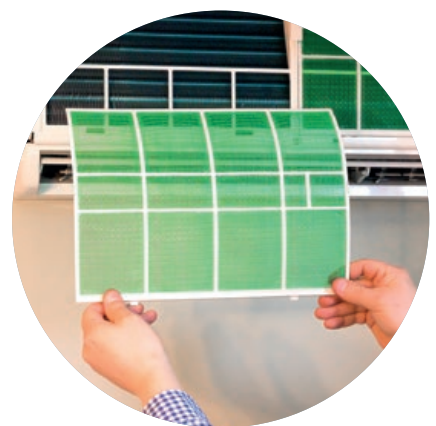
The FCW model also has a simple solution for cleaning the filters. All you have to do is lift the plastic casing and remove the filters – no tools needed!

- AVAILABLE IN FOUR SIZES WITH A WIDE RANGE OF OUTPUTS FOR ROOMS MEASURING FROM 28 M² TO 149 M²
 - HEATING OUTPUT FROM 1420W TO 7600W
 - COOLING OUTPUT FROM 1370W TO AN IMPRESSIVE 7450 W
- FLEXIBLE PIPE CONNECTIONS
- NO VISIBLE PIPES
- QUIET OPERATION
- EUROVENT CERTIFIED
- FOR WALL MOUNTING
- EASY-TO-CLEAN FILTER
- REMOTE CONTROL OPERATION





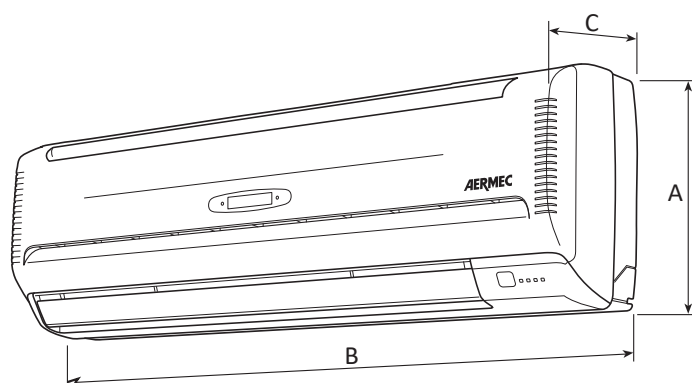
CONVENIENT CONTROL
VIA REMOTE CONTROL



EASY-TO-CLEAN FILTER

FCW

TECHNICAL SPECIFICATION



DIMENSIONS	22VL	32VL	42VL	52VL
LENGTH, MM	880	990	1170	1450
HEIGHT, MM	298	305	360	298
DEPTH, MM	205	210	220	230
WEIGHT, KG	9	10	19	28

HEATING		22VL	32VL	42VL	52VL
HEATING OUTPUT (W)	MAX	2140	2610	4260	7600
	MED	1820	2240	3900	6500
	MIN	1420	1850	3210	4100
NATURAL CONVECTION	W				
WATER FLOW	l/h	371	453	739	1320
PRESSURE DROP, WATER SIDE	kPa	8	16	25	29

The capacity is based on a room temperature of 20°C and a supply water temperature of 45°C.

COOLING		22VL	32VL	42VL	52VL
COOLING OUTPUT (W)	MAX	2050	2500	4080	7450
	MED	1740	2150	3740	6500
	MIN	1370	1780	3070	4400
WATER FLOW	l/h	353	430	702	1278
PRESSURE DROP, WATER SIDE	kPa	9	15	26	30

The capacity is based on a room temperature of 27°C, 50 % humidity, and a supply water temperature of 7 °C

NOISE		22VL	32VL	42VL	52VL
NOISE LEVEL dB (A)	MAX	53	53	54	60
	MED	48	48	49	54
	MIN	42	42	44	44

Noise pressure level at 10 m² Sabine.

MOTOR POWER		22VL	32VL	42VL	52VL
POWER INPUT (W)	MAX	27	27	48	75

FACTS ABOUT FCW	X
AVAILABLE IN FOUR SIZES: 22VL, 32VL, 42VL, 52VL	•
OUTPUT RANGE FOR ROOMS FROM 28M ² TO 149M ²	•
HEATING OUTPUT 1420W - 7600W	•
COOLING OUTPUT 1370W - 7450W	•
VERTICAL MOUNTING CLOSE TO THE CEILING	•
REMOTE CONTROL OPERATION	•
FLEXIBLE PIPE CONNECTIONS	•
EASY-TO-CLEAN FILTER	•



PHOTO: AERMEC



PHOTO: KIRILL / UNSPLASH



OMNIA SLIM

WITH ITS COMPACT DESIGN, LOW NOISE LEVEL AND ABILITY TO HEAT, COOL AND DEHUMIDIFY ROOMS ALL YEAR ROUND, THE OMNIA SLIM (ULS) IS IDEAL FOR HOMES.

The Omnia Slim fan convector from Aermec features a compact design, which means that it takes up less space than other fan convectors. This, combined with the low noise level and the capacity to provide heating and cooling all year round, makes it an excellent choice for homes.

Can be combined with any kind of heat source as it is fitted with a double-pipe

system that matches all water-borne heating systems, even at low temperatures.

Omnia Slim is available in a range of sizes and can easily be adjusted to match specific requirements.

- AVAILABLE IN FOUR SIZES
- QUIET OPERATION
- EUROVENT CERTIFIED
- FOR FLOOR AND WALL INSTALLATION
- 3-SPEED CROSS-FLOW FAN
- THERMOSTAT FOR MANUAL ADJUSTMENT (ULS-C)

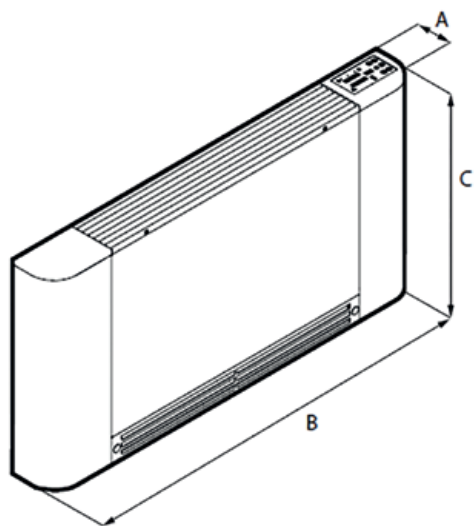


OMNIA SLIM

ULS-C / ULS-CS



TECHNICAL SPECIFICATION



DIMENSIONS	20	30	40	50
LENGTH, MM	940	1134	1328	1524
HEIGHT, MM	580	580	580	580
DEPTH, MM	130	130	130	130
WEIGHT, KG	13	15	17	19

HEATING		20	30	40	50
HEATING OUTPUT (W)	MAX	1530	1990	2550	3060
	MED	1090	1410	1810	2170
	MIN	560	730	940	1130
NATURAL CONVECTION	W				
WATER FLOW	l/h	266	346	443	532
PRESSURE DROP, WATER SIDE	kPa	22	16	26	17

The capacity is based on a room temperature of 20°C and a supply water temperature of 45°C.

COOLING		20	30	40	50
COOLING OUTPUT (W)	MAX	1150	1950	2500	3000
	MED	1070	1380	1780	2130
	MIN	550	720	920	1110
WATER FLOW	l/h	257	335	429	515
PRESSURE DROP, WATER SIDE	kPa	25	18	29	19

The capacity is based on a room temperature of 27°C, 50 % humidity, and a supply water temperature of 7 °C

NOISE		20	30	40	50
NOISE LEVEL DB (A)	MAX	44	45	46	47
	MED	41	42	43	44
	MIN	34	35	36	39

Noise pressure level at 10 m² Sabine.

MOTOR POWER		20	30	40	50
POWER INPUT (W)	MAX	32	42	53	56

FACTS ABOUT OMNIA	ULS-C	ULS-CS
AVAILABLE IN FOUR SIZES: 20, 30, 40, 50	•	•
ELECTROSTATIC FILTER that effectively removes dust and other particles from the air.	•	•
FOR WALL AND FLOOR INSTALLATION	•	•
HORIZONTAL AND VERTICAL MOUNTING	•	•
CENTRIFUGAL FAN WITH 3 SPEEDS	•	•
MANUAL SPEED SWITCH		•
ELECTRONIC TEMPERATURE REGULATION	•	
• ELECTRONIC THERMOSTAT		
• AUTOMATIC FAN-SPEED ADJUSTMENT		
• AUTOMATIC SWITCHING BETWEEN HEATING/COOLING		
• AUTOMATIC ON/OFF		



PHOTO: AERMEC



PHOTO: LOGAN WEAVER / UNSPLASH



OMNIA UL / UL-C

SMART TECHNOLOGY, LOW NOISE LEVELS, AND BUILT-IN FILTERS MAKE OMNIA UL WELL SUITED FOR BOTH HOMES AND PUBLIC ENVIRONMENTS.

The Omnia UL fan convector from Aermec is ideal for use with a heat pump or another source of heat. It is also a great choice when switching from a high- to a low-temperature system.

The smart technology, low noise level and built in filter make the Omnia UL fan convector the perfect choice for most installations.

In the summer, the convector, combined with a heat pump and free cooling, constitutes an effective cooler for air conditioning.

The fan convector can be used jointly with a heat pump or other heat source, and is also a great choice when converting from a high to a low temperature system.

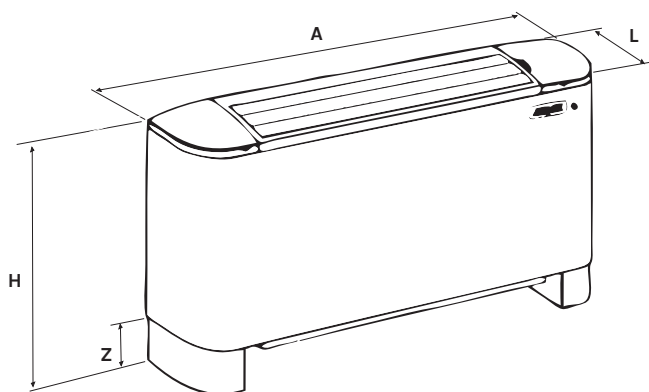
Air cooling can be achieved through connection to a ground circuit or source of geothermal heat. Air heating/cooling can also be combined in the same unit using external exchangers and other components.

- AVAILABLE IN FOUR SIZES
- BUILT-IN ELECTROSTATIC FILTER FOR AIR PURIFICATION
- QUIET OPERATION
- EUROVENT CERTIFIED
- FOR FLOOR AND WALL MOUNTING
- 3-SPEEDS CENTRIFUGAL FAN
- FOR VERTICAL AND HORIZONTAL MOUNTING
- ADJUSTABLE AIR DEFLECTOR WITH MICROSWITCH
- MANUAL SPEED SWITCH (UL)
- ELECTRONIC TEMPERATURE REGULATION (UL-C)



OMNIA UL / UL-C

TECHNICAL SPECIFICATION



DIMENSIONS	11	16	26	36
LENGTH, MM	640	750	980	1200
HEIGHT, MM	600	606	606	606
DEPTH, MM	187	173	173	173
FOOT HEIGHT	93	94	94	94
WEIGHT, KG	12.5	13.5	16.5	19.5

HEATING		11	16	26	36
HEATING OUTPUT (W)	MAX	1000	1440	2290	2950
	MED	730	1050	1900	2420
	MIN	520	760	1440	1750
NATURAL CONVECTION	W				
WATER FLOW	l/h	174	251	399	513
PRESSURE DROP, WATER SIDE	kPa	2	5	11	18

The capacity is based on a room temperature of 20°C and a supply water temperature of 45°C.

COOLING		11	16	26	36
COOLING OUTPUT (W)	MAX	820	1170	1990	2790
	MED	670	870	1650	2260
	MIN	530	690	1260	1630
WATER FLOW	l/h	145	206	349	487
PRESSURE DROP, WATER SIDE	kPa	2	5	11	19

The capacity is based on a room temperature of 27°C, 50 % humidity, and a supply water temperature of 7 °C

NOISE		11	16	26	36
NOISE LEVEL DB (A)	MAX	42	44	44	44
	MED	33	39	39	37
	MIN	27	30	31	30

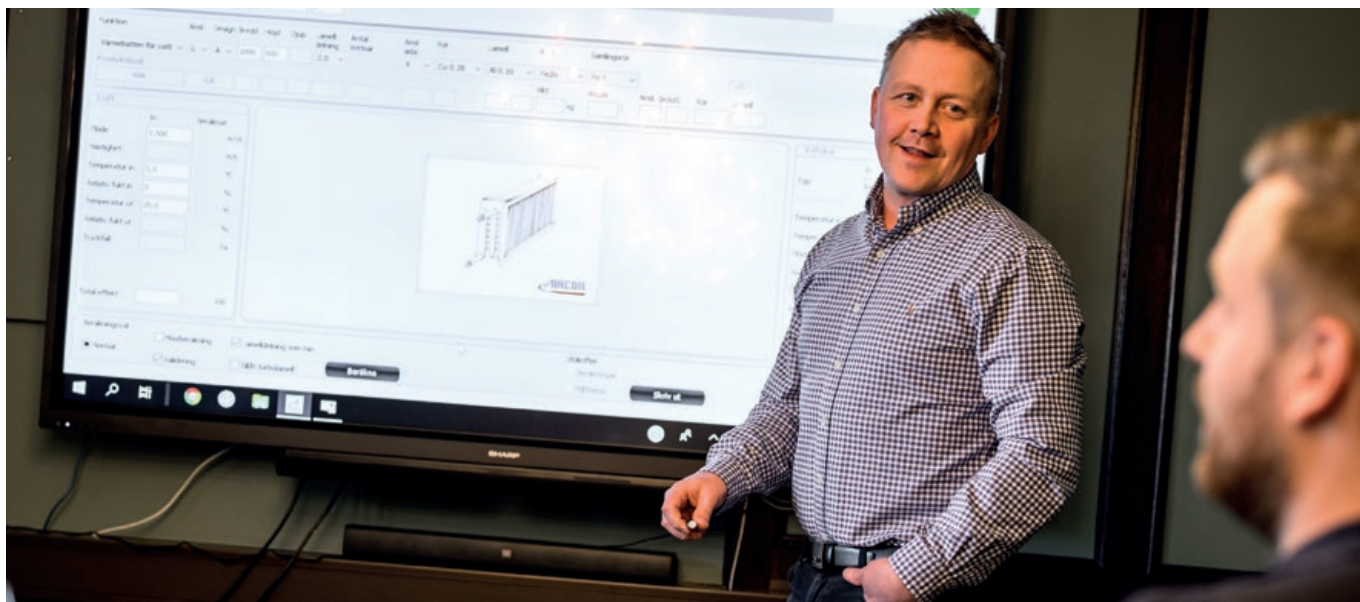
Noise pressure level at 10 m² Sabine.

MOTOR POWER		11	16	26	36
POWER INPUT (W)	MAX	18	22	35	42

FACTS ABOUT OMNIA	UL	UL-C
AVAILABLE IN FOUR SIZES: 11, 16, 26, 36	•	•
ADJUSTABLE AIR FLOW DIRECTORS with micro switches that automatically start when the air flow director is opened or stop when it is closed.	•	•
ELECTROSTATIC FILTER that effectively removes dust and particles from the air	•	•
FOR FLOOR AND WALL MOUNTING	•	•
CAN BE CEILING MOUNTED FOR COOLING	•	•
VERTICAL AND HORIZONTAL MOUNTING	•	•
3-SPEED CENTRIFUGAL FAN	•	•
MANUAL SPEED SWITCH (UL)	•	
ELECTRONIC TEMPERATURE REGULATION		•
• ELECTRONIC THERMOSTAT		
• AUTOMATIC FAN-SPEED ADJUSTMENT		
• AUTOMATIC SWITCHING BETWEEN HEATING/COOLING		
• AUTOMATIC ON/OFF SWITCH		

OMNIA UL - ACCESSORIES

- FRAME FOR FLOOR MOUNTING
- WALL-MOUNTED REGULATION UNIT
- EXTERNAL DRIP TRAY



WITH HIGH QUALITY DEMANDS, SMART SOLUTIONS AND RELIABLE DELIVERIES.

Aircoil specialises in cooling, heating and ventilation. With experienced employees and a comprehensive product range of coils, refrigerant coolers, fan convectors and other heat exchange products, we offer solutions optimised for every need.

Products from the very best

Since the start in 1970, we have gained extensive knowledge, experience, and important contacts with Europe's leading manufacturers of heat exchange products. We have hand-picked the very best from our specialisation fields: coils, refrigerant coolers, and fan convectors. Stable, reliable and quality-focused companies that value quality, reliable deliveries and the environment as much as we do.

Extensive market

You will find our products in private and public environments, but also in industrial and communication settings. Our clients include industrial companies, unit manufacturers and producers within the energy sector. What they all have in common is high demands on quality, smart solutions and reliable deliveries

CONTACT INFORMATION AIRCOIL

Visit our website www.aircoil.se/en to find product data sheets, technical documentation and installation instructions for download.

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WITH YOU EVERY STEP OF THE WAY TOWARDS A BETTER INDOOR CLIMATE SINCE 1970

