



Product Catalogue



AIR HANDLING UNITS



COOKER HOODS



ACCESSORIES



MORE THAN PURE AIR



Airfi

forerunner in the ventilation industry

Our mission is to renew the ventilation sector with the most energy-efficient devices on the market that utilize learning artificial intelligence, whose operational reliability has been proven in the extreme conditions of the Nordic winter.

Airfi designs and manufactures energy-efficient air handling units, renowned for our self-learning frostprotection system (AFPS™). Airfi's product portfolio covers different types of air handling solutions for diverse needs, from single-family homes to public facilities. We also offer control hoods, central hoods, cooker hoods and related accessories.

Our devices, which utilize modern artificial intelligence, are the most energy-efficient, highquality, exceptionally reliable on the market, and their basic structure lasts the life of the building.

Our in-house team of experts handles both product development and software creation. Airfi products are proudly manufactured in Raisio, Finland. This commitment to in-house R&D fosters seamless integration and continuous improvement. As a result, we deliver cutting-edge ventilation solutions, leveraging both in-house expertise and strategic external partnerships. This translates to faster development cycles, enhanced quality control, and ultimately, superior products.

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Sustainable actions for people and the environment

Airfi has developed air handling units with learning artificial intelligence that optimise energy efficiency in all conditions, and last for the life of the building. Our ventilators are an environmental act in themselves, but sustainability is much more to us. We want to take responsibility not only for clean indoor air, but also for the environment and people. We are committed to developing the most energy-efficient equipment on the market to help our customers reduce emissions and promote carbon neutrality.

Beyond environmental protection.

Our vision extends beyond safeguarding the environment. We prioritize initiatives that contribute to long-term sustainability, including community investments and fostering a diverse workforce.

Long-term development.

As a relatively young company we embrace the opportunity to integrate sustainability into our core operations from the beginning, ensuring a future-proof and environmentally conscious foundation.

Partnering for sustainability.

We collaborate with suppliers, logistics companies, and other partners to reduce environmental impact and promote social responsibility throughout the supply chain.

Everyday actions

Multicultural organization.

We are a multicultural organization. Equality is realized in our company in such a way that everyone has the same opportunities to progress and develop.

Recycle everything.

We sort and recycle all waste generated from our operations.



Warranty 2+4 years

We believe that products should be made to last, and we are committed to designing and manufacturing products that are durable, repairable, and recyclable.

Please visit our website for the latest and most detailed warranty terms and conditions: airfi.eu

Eco-Friendly Design: Build to last and reduce waist



Monitoring environmental impacts

We consider the environmental impact at every stage, from design and manufacturing to materials and longevity.



Sustainable design and manufacturing

We are constantly working to ensure the sustainability of our own production, the entire supply chain and our products.



Long service life

Our equipment is made to last for years and decades. Durability applies to the quality of materials as well as to structural solutions.



Responsible material choices

We use durable and long-lasting materials that are recycled and recyclable as much as possible. Our metal is 100% recyclable, our coatings are environmentally friendly.



Optimised packaging and loading

We don't use plastic in our product packaging, even our packaging tape is now made of cardboard. Packaging sizes are optimised so that there is no empty space on the pallet.



Minimising production waste

Through careful design and responsible practices, our manufacturing process produces minimal waste. We ensure proper recycling of discarded material.

Support for sustainable construction

The Environmental Product Declaration (EPD) provides information on the environmental impact of a product throughout its life cycle. The standardised declaration takes into account information such as the raw materials, production, transport, use and recyclability of the product. For our clients, EPDs provide help and support in building to the objectives of BREEAM and LEED environmental ratings. The EPDs for Airfi ventilation equipment have been drawn up in accordance with the latest standards EN 15804+A2 and ISO 14025 / ISO 21930. You can find our EPDs on EPD Hub by searching for Airfi.



AIR HANDLING UNITS

Airfi air handling units enable fresh and healthy indoor air. The new Airfi air handling units are designed for the demanding conditions of the North. The Airfi range offers the right unit type for single-family homes, terraced houses, apartment buildings, public facilities and offices. Airfi units have enhanced dehumidification through the bottom of the unit to ensure efficient and energy-friendly operation during cold periods.

Airfi Model 60, Model 100 and Model 130 air handling units are just 558 mm wide and they can be installed inside a cabinet.



Humidity automation

The most intelligent demand-controlled humidity automation on the market as standard (models 60, 100, 130 and 150).



High living comfort

The energy-efficient and quiet unit is easy and effortless to use.



Quick installation

Quick and easy installation on a ceiling bracket.



Uniform temperature

Intelligent cascade-controlled bypass damper that takes temperature variations into account.



AFPS™ technology

The AFPS™ hoarfrost protection ensures continuous ventilation in your home.



Unit controls

The unit can be controlled with a control panel or the Airfi App.



Condensate removal

Thanks to the sloping inner bottom, condensation water is efficiently removed.



Building automation control systems

Connectivity to common home automation systems as standard.



**Model
60**

**Model
100**

**Model
130**

**Model
150**

**Model
250/350**

Airfi C5

dB kit for silent ventilation

Our **dB kit** has been developed according to customer requirements for applications where the noise level should be minimal. The noise levels of the dB kit have been measured by an external accredited laboratory.

On our website, you will find a link to a calculation programme that makes it easy to see the effect of the dB kit on the noise coming through the sheath. The calculation programme shows the dB value of a so-called "hard room" (e.g. a bathroom) and a normal habitable room.

Calculation programme



Direct link to the calculation programme

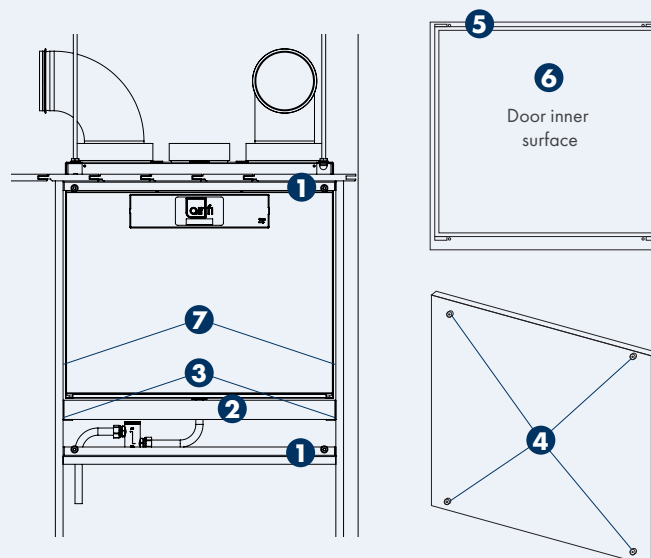
You can also find the calculation programme on our website at airfi.fi.



Components

1. Front strip (2 pcs)
2. Insulating plate, 40 mm
3. Insulating plate retaining strip (2 pcs)
4. Connector bolt M6 (4 pcs)
5. Door sealing tape
6. Door mass-type plate
7. Resonance insulation (2 pcs)

NB: The basic dB kit does not include the cabinet frame and door.

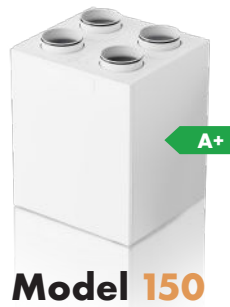


Technical specifications



Dimensions (width x height x depth)	558 x 450 x 558	558 x 490 x 558	558 x 490 x 558
Weight	41 kg	42 kg	43 kg
Duct outlets	4 x 160, 1 x 125	4 x 160, 1 x 125	4 x 160, 1 x 125
Kitchen bypass	Standard equipment	Standard equipment	Standard equipment
Condensate fitting	Centre, 66 mm from rear edge	Centre, 66 mm from rear edge	Centre, 66 mm from rear edge
Condensation water tray	Tilted condensation water tray	Tilted condensation water tray	Tilted condensation water tray
Max. extract air flow rate (100 Pa)	385 m ³ /h (107 dm ³ /s)	385 m ³ /h (107 dm ³ /s)	511 m ³ /h (142 dm ³ /s)
Max. supply air flow rate (100 Pa)	356 m ³ /h (99 dm ³ /s)	342 m ³ /h (95 dm ³ /s)	450 m ³ /h (125 dm ³ /s)
Specific energy consumption (SEC) in a cold climate	A+	A+	A+
Specific energy consumption (SEC) in an average climate	A	A	A
Extract air heat recovery annual efficiency class	A+/A (kitchen bypass in use)	A+/A (kitchen bypass in use)	A+/A (kitchen bypass in use)
Air handling unit's specific electrical power class at rated air flow	A	A	A
Electricity	230 V, 50 Hz, 10 A, max.1165 W: Plug	230 V, 50 Hz, 10 A, max.1165 W: Plug	230 V, 50 Hz, 10 A, max.1255 W: Plug
Apartment size max. m ² *	200 m ²	200 m ²	250 m ²
Summer/winter function			
Automatic, adjustable	Standard equipment	Standard equipment	Standard equipment
Defrosting automation			
Continuous supply air (AFPS™)	Standard equipment	Standard equipment	Standard equipment
Post heater			
	920 W (electric)	920 W (electric)	920 W (electric)
Equipment			
Ceiling mount bracket	Accessory	Accessory	Accessory
Wall mount bracket	Accessory	Accessory	Accessory
Stand	Not available	Not available	Not available
Vapour barrier filler plate	Accessory	Accessory	Accessory
Humidity transmitter (internal)	Standard equipment	Standard equipment	Standard equipment
Humidity transmitter	Accessory	Accessory	Accessory
Carbon-dioxide transmitter	Accessory	Accessory	Accessory
Cooling radiators	Accessory	Accessory	Accessory
Filter guard	Accessory	Accessory	Accessory
Constant pressure control	Accessory	Accessory	Accessory
Spring return damper	Accessory	Accessory	Accessory
Airfi KNX adapter	Accessory	Accessory	Accessory
Controller options			
Uno, Sento, Mille-Wire, Mille-Wifi	Compatible	Compatible	Compatible
Control hoods	Compatible	Compatible	Compatible
BMS, DDC, 10VDC, Transmitter controls Modbus RTU/TCP, Ethernet	Compatible	Compatible	Compatible

*Implementation according to designer's ventilation plan.



Dimensions (width x height x depth)	700 x 850 x 645	998 x 1475 x 650	998 x 1475 x 650
Weight	83 kg	168 kg	168 kg
Duct outlets	4 x 200	4 x 250	4 x 250
Kitchen bypass	Not available	Not available	Not available
Condensate fitting	Centre, 110 mm from rear edge	From the front edge 128 mm	From the front edge 128 mm
Condensation water tray	Tilted condensation water tray	Tilted condensation water tray	Tilted condensation water tray
Max. extract air flow rate (100 Pa)	648 m ³ /h (180 dm ³ /s)	Electric 954 m ³ /h (265 dm ³ /s) Water 954 m ³ /h (265 dm ³ /s)	Electric 1325 m ³ /h (368 dm ³ /s) Water 1325 m ³ /h (368 dm ³ /s)
Max. supply air flow rate (100 Pa)	572 m ³ /h (159 dm ³ /s)	Electric 893 m ³ /h (248 dm ³ /s) Water 875 m ³ /h (243 dm ³ /s)	Electric 1256 m ³ /h (349 dm ³ /s) Water 1242 m ³ /h (345 dm ³ /s)
Specific energy consumption (SEC) in a cold climate	A+	A+	A+
Specific energy consumption (SEC) in an average climate	A	A	A
Extract air heat recovery annual efficiency class	A+	A+	A+
Air handling unit's specific electrical power class at rated air flow	A	A	A
Electricity	230 V, 50 Hz, 16 A, max. 2200 W: Plug	Electric 230 V 16 A, max. 3500 W Water 230 V 10 A, max. 1100 W	Electric 400 V 3 x 16 A, max. 8250 W Water 230 V 10 A, max. 1100 W
Apartment size max. m ² *	300 m ²	450 m ²	550 m ²
Summer/winter function			
Automatic, adjustable	Standard equipment	Standard equipment	Standard equipment
Defrosting automation			
Continuous supply air (AFPS™)	Standard equipment	Standard equipment (block defrosting)	Standard equipment (block defrosting)
Post heater			
	2 x 920 W (electric)	2380 W (electric) / water	3 x 2380 W (electric) / water
Equipment			
Ceiling mount bracket	Not available	Not available	Not available
Wall mount bracket	Accessory	Not available	Not available
Mounting set	Accessory	Standard equipment	Standard equipment
Vapour barrier filler plate	Accessory	Not available	Not available
Humidity transmitter (internal)	Standard equipment	Accessory	Accessory
Humidity transmitter	Accessory	Accessory	Accessory
Carbon-dioxide transmitter	Accessory	Accessory	Accessory
Cooling radiators	Accessory	Accessory	Accessory
Filter guard	Accessory	Accessory	Accessory
Constant pressure control	Accessory	Accessory	Accessory
Spring return damper	Accessory	Accessory	Accessory
Airfi KNX adapter	Accessory	Accessory	Accessory
Controller options			
Uno, Sento, Mille-Wire, Mille-Wifi	Compatible	Compatible	Compatible
Control hoods	Compatible	Compatible	Compatible
BMS, DDC, 10VDC, Transmitter controls Modbus RTU/TCP, Ethernet	Compatible	Compatible	Compatible

*Implementation according to designer's ventilation plan.

Dimensional drawings



Model 60

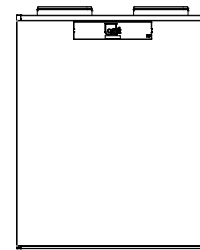
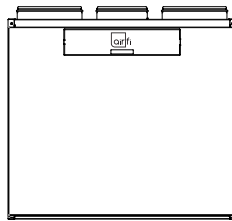
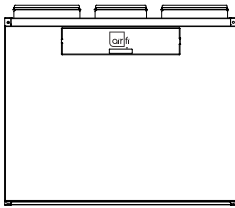


Model 100/130

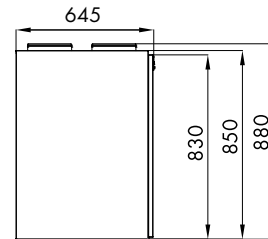
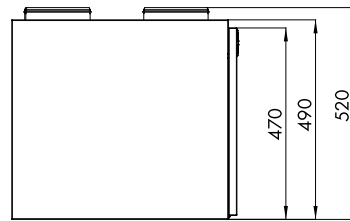
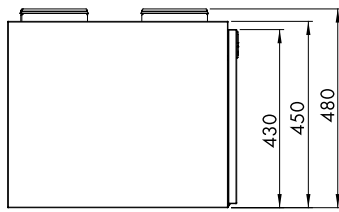


Model 150

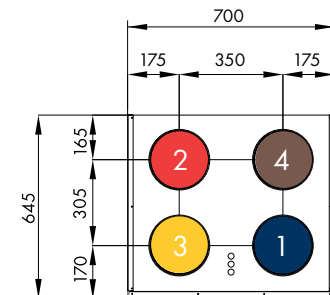
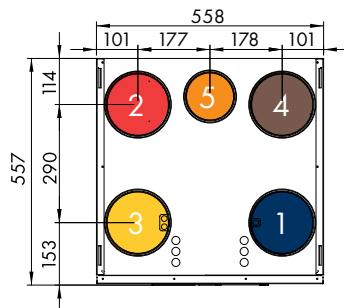
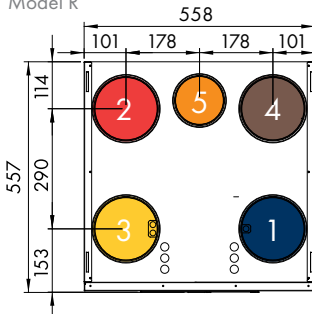
Front



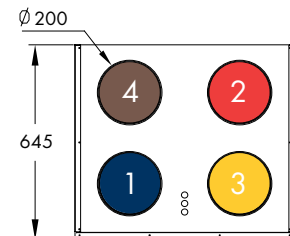
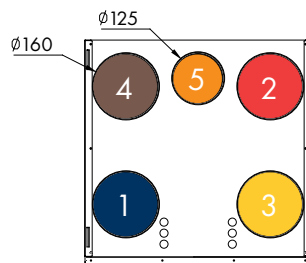
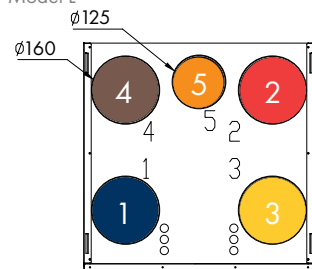
Side



Model R

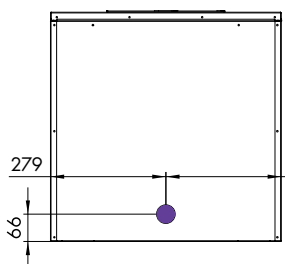


Model L

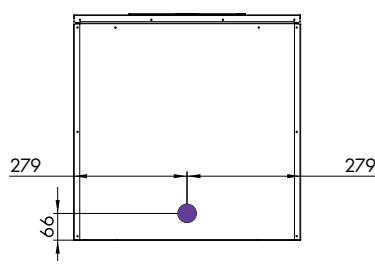


Bottom

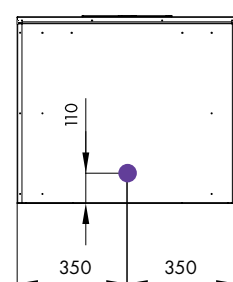
Front of the unit



Front of the unit



Front of the unit



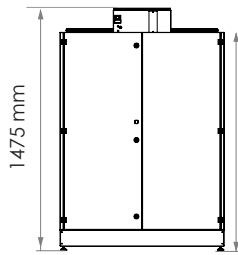


Model 250

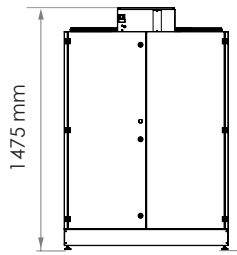


Model 350

Front

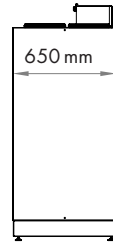
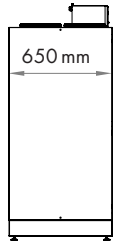


leveling foot at min. length 1325 mm (adjustable length +50 mm)

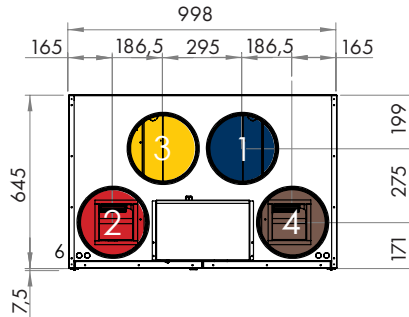
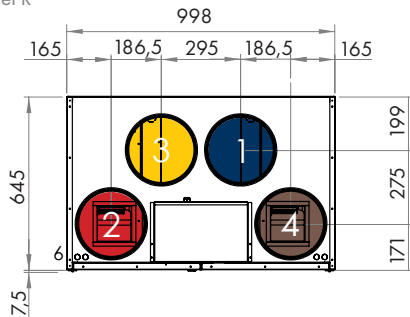


leveling foot at min. length 1325 mm (adjustable length +50 mm)

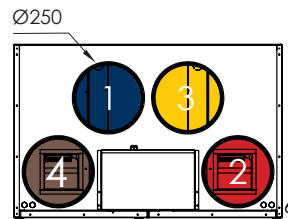
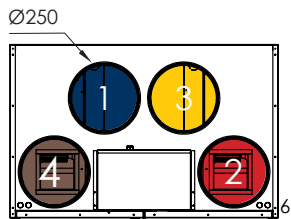
Side



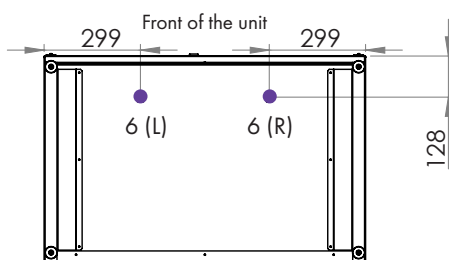
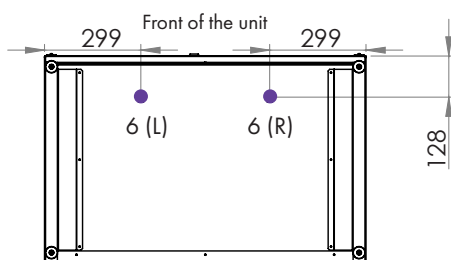
Model R



Model L



Bottom



Airfi Commercial Line

Airfi C5

Ventilation unit with internal coil for large construction projects



Integrated post-heating and cooling

The integrated post-heating can be selected as either liquid-based or electrical. A low temperature, liquid-based post-heating option is also available. A cooling coil can also be integrated inside the air handling unit (liquid or DX direct evaporation). Cooling coils can also be upgraded later. Integrated cooling coils reduce condensation problems. A separate drainage of condensation water is not required.

Suitable for geothermal pumps or district cooling

This results in significant energy savings for the property.

Fast and reliable installation

The new Plug & Play solution speeds up installation and reduces the risk of errors. Factory-connected controls for valves and pump groups minimise electrical connections at the site.

Durable surface material

The durability and service life of the Airfi C5 air handling unit is extended by Magnelis®, a first-class corrosion resistance surface material.

The exact delivery content is determined by the code key in the calculation program.

Standard equipment

- Energy efficient EC fans
- Counterflow heat exchanger efficiency: 85% (EN 13141-7)
- Sectional defrost and bypass damper with actuators
- Integrated electrical connections
- Disconnect switches installed in accordance with the selected unit type
- Thermal and sound-insulated, non-combustible 50 mm sandwich structure
- Steel structure. Inner and outer surface coated with Magnelis®, which has excellent corrosion-resistance.
- Stainless steel condensation tray EN1.4301
- Integrated mounting stand with adjustable feet
- 32 mm water traps (2 pcs) included, installation on site
- Next generation synthetic filter material, free of glass fibre. After use, filter and frame can be recycled as energy waste.

Electric power

Airfi Model C5 Electric

230 VAC 50 Hz 16 A, max input power 2 kW

Airfi Model C5 Water

230 VAC 50 Hz 16 A, max input power 2 kW

Cooling coil

Coolant, coil power 1, e.g. 7/12

Coolant, coil power 2, e.g. 9/19

Cooling, direct evaporation coil DX-1

Electric post-heating element

Element 1

Fuse size 3 x 16 A, 400 VAC, max input power 7.2 kW – Separate supply

Element 2

Fuse size 3 x 25 A, 400 VAC, max input power 14.3 kW – Separate supply

Liquid-based post-heating coil

Coil 1

Suitable for, e.g. 50/30 liquids

Coil 2

For low temperatures, e.g. 35/25, 35/30

Technical specifications and dimensional drawings

Airfi C5

Dimensions (width x height x depth)	1624 x 1539 x 1003 mm (incl. handles)
Weight	420 kg
Duct outlets	4 x 315 mm
Condensate fitting	2 pcs
Condensation water tray	Tilted condensation water tray, INOX
Max. extract air flow rate (100 Pa)	2412 m ³ /h (670 dm ³ /s), basic setup
Max. supply air flow rate (100 Pa)	2232 m ³ /h (620 dm ³ /s), basic setup
Specific energy consumption (SEC) in a cold climate	A+
Specific energy consumption (SEC) in an average climate	A
Extract air heat recovery annual efficiency class	A+
Air handling unit's specific electrical power class at rated air flow	A
Electricity	Electric/water 230 V, 50 Hz, 16 A, max. 2 kW Element 1: 400 V, 3 x 16 A, max. 7,2 kW (separate supply) Element 2: 400 V, 3 x 25 A, max. 14,4 kW (separate supply)

Summer/winter function

Automatic, adjustable	Standard equipment
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Defrosting automation

Continuous supply air, AFPS™	Standard equipment, Airfi control automation
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Post heater (internal)

	Electric: 7,2 kW (element 1) or 14,4 kW (element 2) Liquid: 50/30 (coil 1) or 35/25, 25/30 (coil 2)
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Cooling (internal)

	Coolant, coil power 1, 7/12, 10/15 Coolant, coil power 2, esim. 10/18 Cooling, direct evaporation coils DX-1
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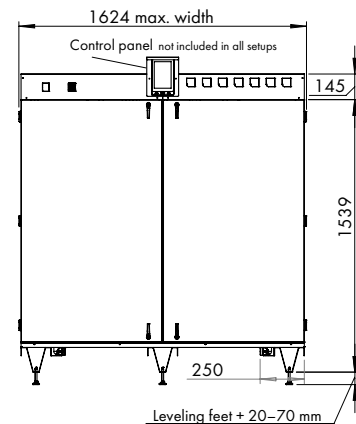
Equipment

Mounting stand	Standard equipment
Humidity transmitter (internal)	Accessory
Humidity transmitter	Accessory
Carbon-dioxide transmitter	Accessory
Filter guard	Accessory
Air flow measurement	Accessory
Constant pressure control	Accessory
Spring return damper	Accessory
Airfi KNX adapter	Accessory

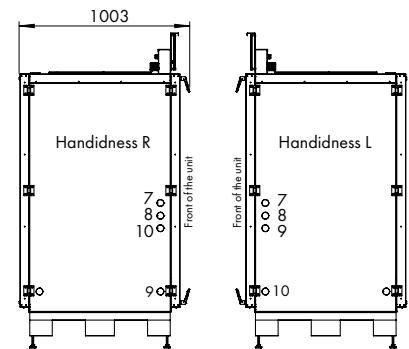
Controller options

Uno, Sento, Mille-Wire, Mille-Wifi	Compatible
BMS, DDC, 10VDC, Transmitter controls Modbus RTU/TCP, Ethernet	Compatible
Terminal block unit	Accessory

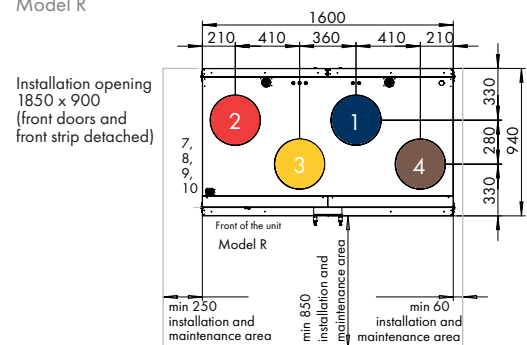
Front



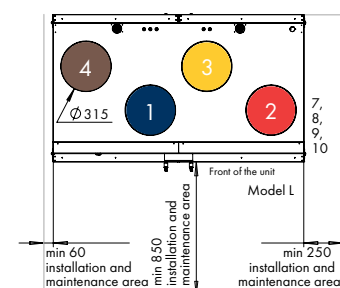
Side



Model R



Model L



- Outdoor air (1) ● Supply air (2) ● Extract air (3)
- Exhaust air (4) ● Coil connect (7,8,9,10)



Calculation programme

The Airfi calculation programme calculates accurate octave-band sound power levels of the air flow in the duct system and the environment. The programme also calculates the control percentages for both fans and the SFP value according to the given air flow and duct pressure drop. The programme also shows the unit's annual efficiency. This document can also be used as an appendix to an application for a building permit.

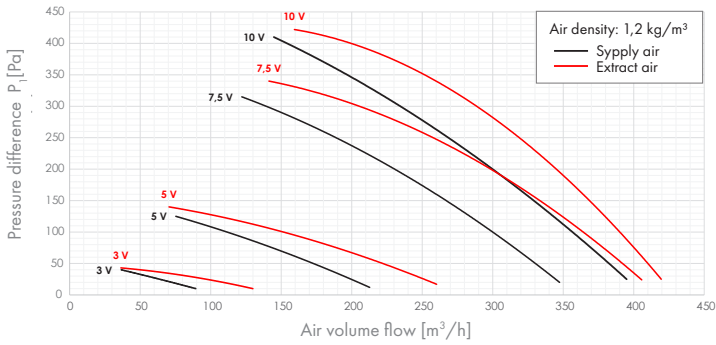
Direct link to the calculation programme

You can find the calculation programme on our website at www.airfi.fi.

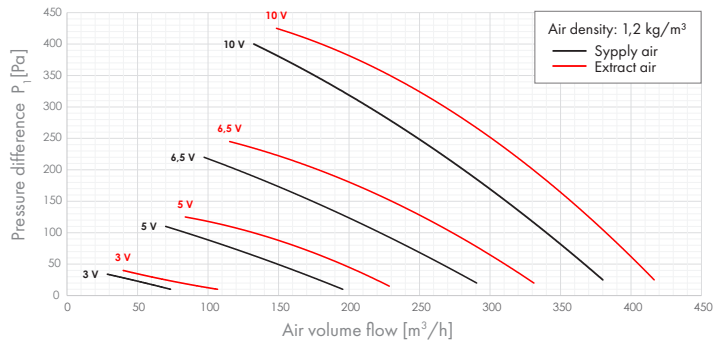


Air flow rate

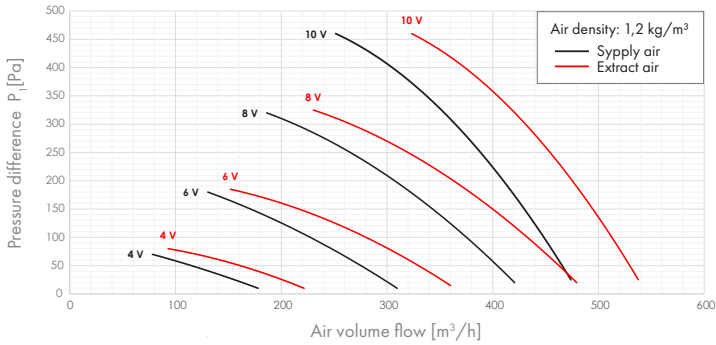
Model 60



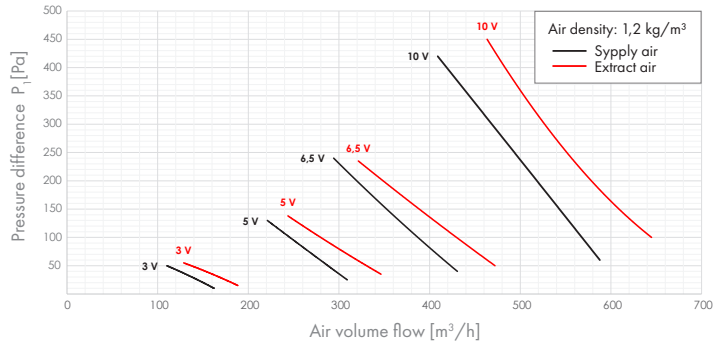
Model 100



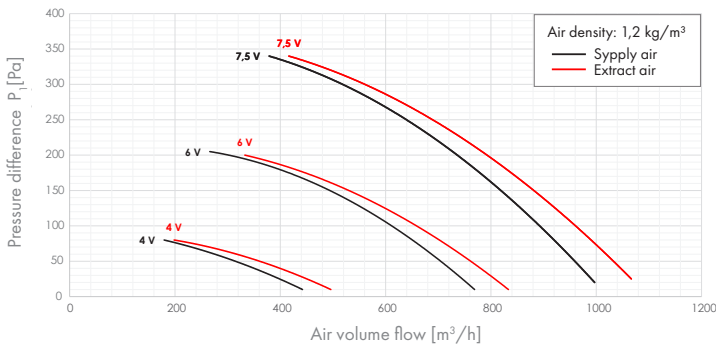
Model 130



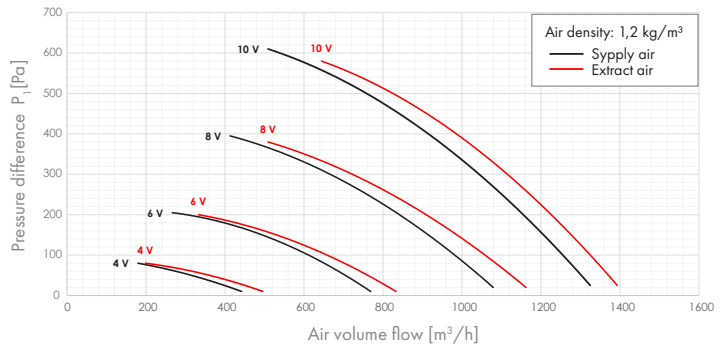
Model 150



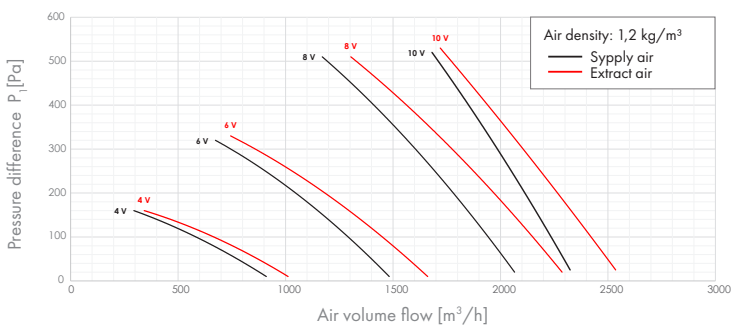
Model 250



Model 350



Airfi C5



Product codes

Air handling units

Model	Code
Model 60 (R) Electric	10 060 011
Model 60 (L) Electric	10 060 021
Model 100 (R) Electric	10 100 011
Model 100 (L) Electric	10 100 021
Model 130 (R) Electric	10 130 011
Model 130 (L) Electric	10 130 021
Model 150 (R) Electric	10 150 011
Model 150 (L) Electric	101 500 21
Model 250 (R) Electric	10 250 011
Model 250 (L) Electric	10 250 021
Model 250 (R) Water	10 250 012
Model 250 (L) Water	10 250 022
Model 350 (R) Electric	10 350 011
Model 350 (L) Electric	10 350 021
Model 350 (R) Water	10 350 012
Model 350 (L) Water	10 350 022
Model C5 (R) Electric*	10 005 011
Model C5 (L) Electric*	10 005 021
Model C5 (R) Water*	10 005 012
Model C5 (L) Water*	10 005 022

* The exact delivery content is determined by the code key in the calculation program.

Accessories

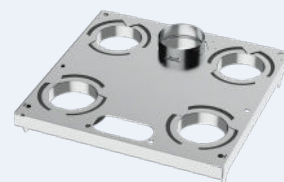
Model	Code
Ceiling mount bracket 160-125-K: Model 60, 100, 130	40 000 013
Ceiling mount bracket 160-160-K: Model 60, 100, 130	40 000 014
Vapour barrier filler plate: Model 60/100/130	40 000 015
Wall bracket: Model 60/100/130	40 000 016
Mounting set: Model 150	40 000 039
Airfi water trap chrome-plated	40 000 053
Filter set no 1, Model 60/100/130	40 000 001
Filter set no 2, Model 150	40 000 002
Filter set no 3, Model 250/350	40 000 003
dB kit, Model 60/100/130	40 000 089
Airfi KNX adapter	40 000 098
Constant pressure control, supply *	40 000 092
Constant pressure control, extract *	40 000 093
Spring return damper ø250 mm, outdoor air *	40 000 094
Spring return damper ø250 mm, exhaust air *	40 000 095
Filter guard, supply *	40 000 096
Filter guard, extract *	40 000 097
Electric postheating element two way valve and actuator *	40 000 163

* Factory fitting Model 250/350

Model 60
with ceiling mount bracket
and Airfi water trap



Airfi water trap
40 000 053



Ceiling mount bracket 160-125-K
40 000 013



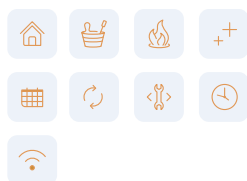
Ceiling mount bracket 160-160-K
40 000 014

Controllers

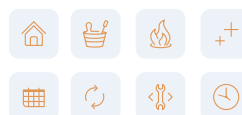
With modern controllers, you can easily manage the air handling unit. You can also download the Airfi App to your existing smart devices.



**Mille
Wi-Fi**



**Mille
WIRE**



**Sento
WHITE / BLACK**



Uno

The Uno control panel has five speeds.



At home/Away



Service panel



Control multiple units



Sauna function



Booster



Wireless control



Fireplace function



Schedule



Time and date

Airfi App

The app allows you to control your air handling unit wirelessly via Wi-Fi



Model

5-speed Uno rotary switch

Capacitive Sento controller

Mille-Wifi controller

Mille-Wire controller

Code

40000040

40000041

40000042

40000052

Welcome to the A+
energy efficiency
generation.



Airfi Frost Pro System

With the AFPS™ technology, the annual efficiency rating of Airfi's air handling units is A+.

Airfi Frost Pro System (AFPS™) is standard in all air handling units manufactured by Airfi. The new Airfi Frost Pro System is a self-learning hoarfrost protection system which guarantees excellent performance during cold periods.

Airfi Frost Pro System is a Finnish invention, where the heat exchanger is defrosted only when there is a need for it. This way the air handling unit works in prolonged freezing weather.

The energy used to defrost the heat exchanger is taken from the extract air. This way, the energy provided by the heating resistors is used in the apartment rather than, for example, heating the exhaust air with the front resistors.

The defrosting function is used optimally, saving energy compared to older solutions. The self-learning capabilities make it possible to take the individual characteristics of the air handling unit into account, for example, how dirty the filters and heat recovery cell are. By choosing an energy-efficient air handling unit from Airfi, you will save significant amounts of energy.



Airfi Frost Pro System (AFPS™)
Airfi's self-learning hoarfrost protection
system has been granted a patent.

Suvi cooker hood
also available with silver or black
front glass. Also with black frame!



COOKER HOODS

Our large variety of high class cooker hoods are suitable for many kinds of ventilation systems, needs and styles. The ground for our unit development is exceptional odour extraction capacity. We also have taken careful consideration of effortless installing and maintenance.

Whether you have a traditional or a modern kitchen, an apartment building with decentralised ventilation or a row house with roof extraction fan – we have the right solution.



COOKER HOODS

Control hoods & booster hoods

Airfi's control hoods are designed to control not only the fume extraction, but also the individual air handling unit or the roof ventilator. With booster hoods you can regulate air handling units from other manufacturers.



Washable grease filter
Machine-washable metal grease filter.



Fixed structure
Durable product with a metal structure.



LED lights
Ecological and long-lasting LED lights.



Quick to install
Designed with user-friendliness and ease of installation in mind.



Ventilation
Control hoods are suitable for controlling your home's air handling system or roof ventilator. Booster hoods are also compatible with units from other manufacturers.



Plug connection
A safe and fast connector for all hoods.



Safera safety technology
Some products are compatible with Safera safety technology.





airfi

Suvi control hood with silver front glass
also available with white or black front glass.

BOSCH

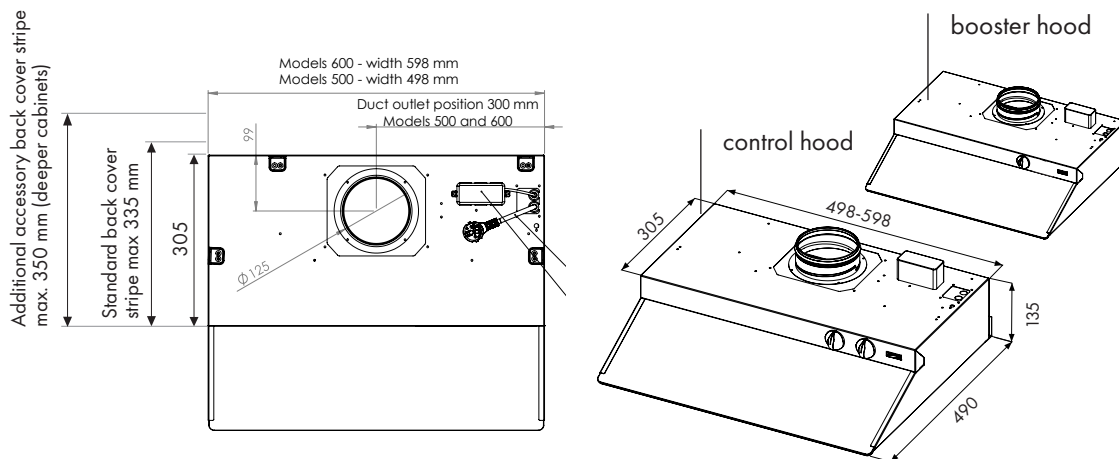


Also available with
AC/EC control

Pia control/booster hood

A classic cabinet-mounted control hood that can be quickly installed in cabinets of different depths.

- LED lights, 2 x 4000 K
- Width 500 and 600 mm
- Fixed structure, with plug
- Back cover stripe included in the delivery
- Duct connection 1 x 125 mm
- Machine-washable metal grease filter
- Available with Safera safety technology
- Boost damper with timer (60 min)
- Control hood: Boosted ventilation and negative pressure compensation while cooking
- Booster hood: Boost status to external systems
- Also available with AC/EC control:
AC control: max 350 W
EC control: Continuous control (default) or stopping mode



Model	Code	Width	Colour	Control
Pia-SA50w	20000017	500	White	1-5
Pia-SA60w	20000018	600	White	1-5
Pia-SA58w	20000041	500	White	Booster
Pia-SA68w	20000042	600	White	Booster
Pia-SA57w-AC-EC	20000056	500	White	AC/EC
Pia-SA67w-AC-EC	20000057	600	White	AC/EC

Accessory	Code
Back cover stripe 600 Deeper cabinets	40000184
Back cover stripe 500 Deeper cabinets	40000185
Safera Siro or integrated Sense unit, depending on the hood type	40000054
Stove power control unit Safera PCU6.3, 3 x16 A 400 V	40000056
Safera leak guard	40000057



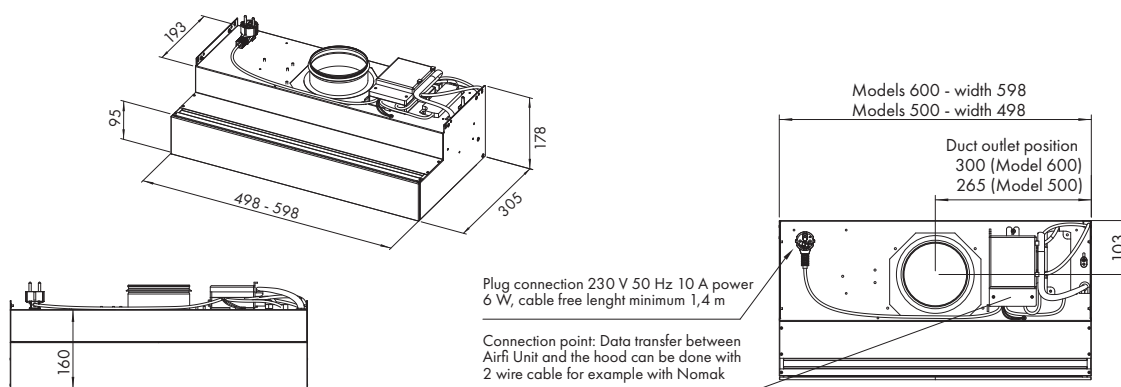
See p. 20 for the hood installed and pulled out.

Also available with
AC/EC control

Suvi control/booster hood

Pull-out control hood designed to be integrated in cabinets of different depths.

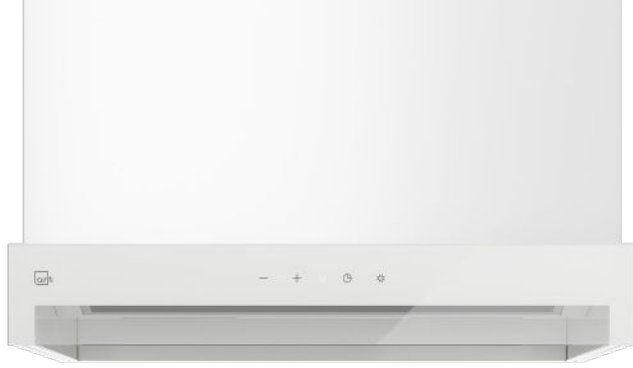
- Control hood: Boosted ventilation and negative pressure compensation while cooking
- Booster hoods: Boost status to external systems
- EC control: Continuous control (default) or stopping mode
- Accessories: AC control unit, electronic hoods, max 350 W
- White frame as standard
- Standard back cover stripe included
- The depth of the sliding front can be adjusted



Model	Code	Width	Colour (front)	Control
Suvi-CF50w	20000025	500	White	1-5
Suvi-CF60w	20000026	600	White	1-5
Suvi-CF50s	20000027	500	Silver	1-5
Suvi-CF60s	20000028	600	Silver	1-5
Suvi-CF50b	20000031	500	Black	1-5
Suvi-CF60b	20000032	600	Black	1-5
Suvi-CF58w	20000043	500	White	Booster
Suvi-CF68w	20000044	600	White	Booster
Suvi-CF58s	20000047	500	Silver	Booster
Suvi-CF68s	20000048	600	Silver	Booster
Suvi-CF58b	20000045	500	Black	Booster
Suvi-CF68b	20000046	600	Black	Booster

Accessory

	Code
Black frame and black front glass	40000158
AC control unit, electronic hoods, max 350 W	40000063

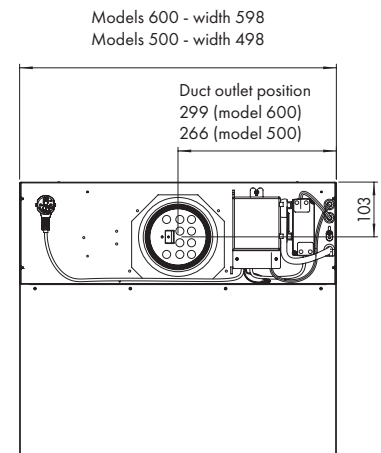
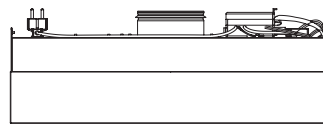
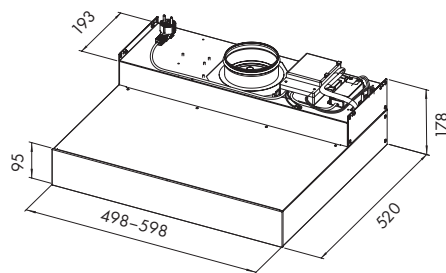


Also available with
AC/EC control

Lisa control/booster hood

Cabinet-integrated control and booster hood range is designed not only for extracting cooking odour, but also for controlling individual air handling units or a roof extraction fan.

- Control hood: Boosted ventilation and negative pressure compensation while cooking
- Booster hood: Boost status to external systems
- EC control: Continuous control (default) or stopping mode
- Accessories: AC control unit, electronic hoods, max 350 W



Model	Code	Width	Colour	Control
Lisa-CE50w	20000083	500	White	1-5
Lisa-CE60w	20000084	600	White	1-5
Lisa-CE50s	20000085	500	Silver	1-5
Lisa-CE60s	20000086	600	Silver	1-5
Lisa-CE50b	20000087	500	Black	1-5
Lisa-CE60b	20000088	600	Black	1-5
Lisa-CE58w	20000089	500	White	Booster
Lisa-CE68w	20000090	600	White	Booster
Lisa-CE58s	20000091	500	Silver	Booster
Lisa-CE68s	20000092	600	Silver	Booster
Lisa-CE58b	20000093	500	Black	Booster
Lisa-CE68b	20000094	600	Black	Booster

Accessory

	Code
Black frame and black front glass	40000158
AC control unit, electronic hoods, max 350 W	40000063



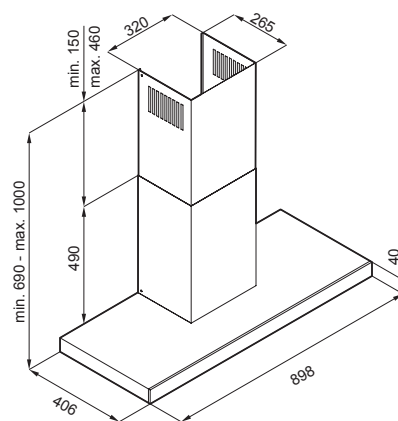
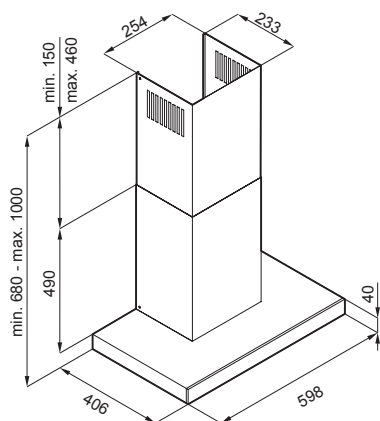


Also available with
AC/EC control

Ida control hood/booster hood

Designed to be wall-mounted. The hood has capacitive switches integrated in the front panel.

- 2 x LED lights, 4000 K
- Width 600 and 900 mm
- Boost damper with electronic timer (60 min)
- Duct connector size 1 x 125 mm
- Duct cover included in delivery
- Control hood: Boosted ventilation and negative pressure compensation while cooking
- Booster hood: Boost status to external systems
- EC control: Continuous control (default) or stopping mode
- Accessories: AC control unit, electronic hoods, max 350 W



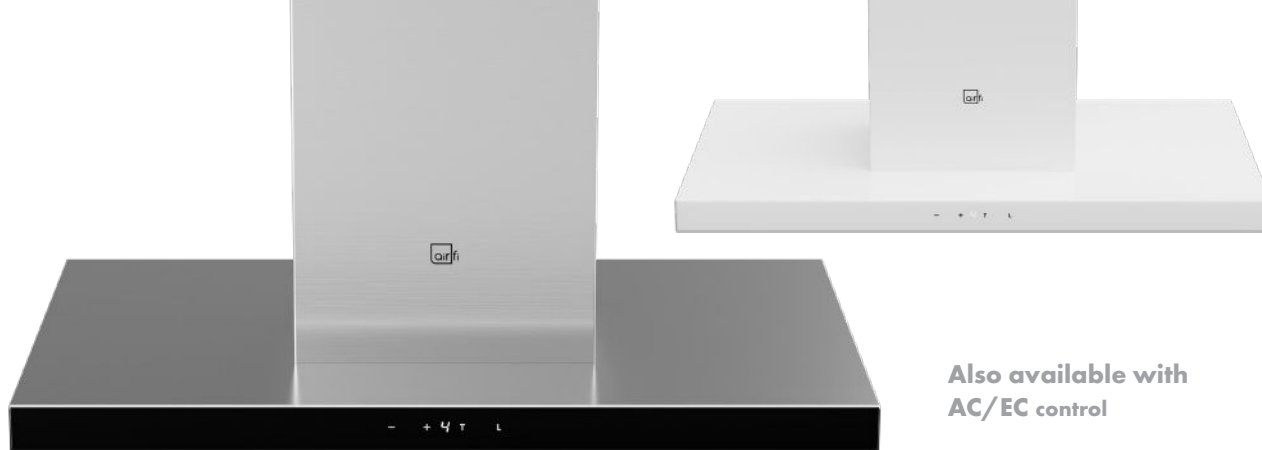
Model	Code	Width	Colour	Control
Ida-CC60s	20000037	600	Black/stainless	1-5
Ida-CC90s	20000038	900	Black/stainless	1-5
Ida-CC68s	20000049	600	Black/stainless	Booster
Ida-CC98s	20000050	900	Black/stainless	Booster
Ida-CC60w	20000058	600	White	1-5
Ida-CC90w	20000059	900	White	1-5
Ida-CC68w	20000064	600	White	Booster
Ida-CC98w	20000065	900	White	Booster

Accessory

AC control unit, electronic hoods, max 350 W

Code

40000063

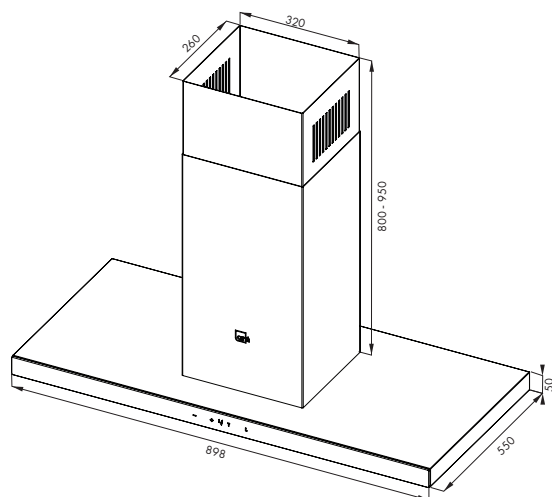


Also available with
AC/EC control

Eva control hood/booster hood

Freely mounted island-type model with adjustable installation height. The hood has capacitive switches integrated in the front panel.

- 4 x LED lights, 4000 K
- Boost damper with electronic timer (60 min)
- Duct connector size 1 x 125 mm
- Duct cover included in delivery
- Control hood: Boosted ventilation and negative pressure compensation while cooking
- Booster hood: Boost status to external systems
- EC control: Continuous control (default) or stopping mode
- Accessories: AC control unit, electronic hoods, max 350 W



Normal adjustment tolerance for mounting protection and duct cover 800–950 mm

Shorter option (650–800 mm) is available upon request. Please specify when ordering.

Model	Code	Width	Colour	Control
Eva-CD90s	20000040	900	Black/stainless	1–5
Eva-CD98s	20000051	900	Black/stainless	Booster
Eva-CD90w	20000060	900	White	1–5
Eva-CD98w	20000066	900	White	Booster

Accessory

AC control unit, electronic hoods, max 350 W

Code

40000063

Central hoods

Airfi central hoods are designed for centralised air handling systems. The hood is designed to make installation and adjustment easy and effortless. Performance values are measured with a pressure gauge without separate measuring hooks. From the same point, the desired normal air flow rate and the desired enhanced air flow rate can be measured. The removable smoke restrictor valve is located behind the grease filter.

Airfi central hoods meet the airborne sound insulation requirements of the relevant building regulations. All the central hoods also comply with the measurement standard SFS-EN-ISO 10140-2 and ISO 717-1.



Washable grease filter
Metallic machine-washable grease filter.



Fixed structure
Durable product with a metal structure.



LED lights
Ecological and long-lasting LED lights.



Quick to install
Designed with user-friendliness and ease of installation in mind.



Smoke restrictor valve
Safe and type-approved



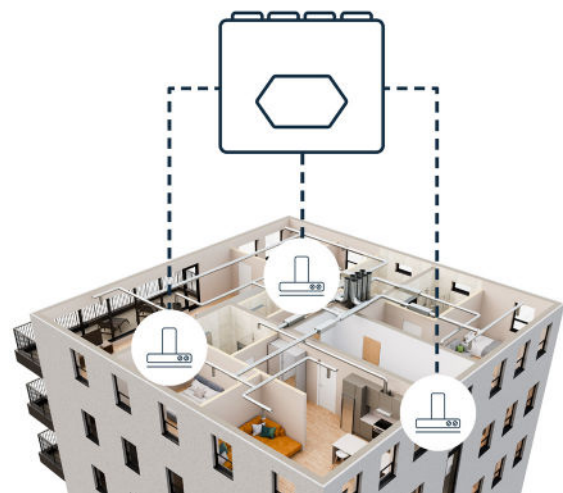
Soundproofed
Silent running sound.



Effective fume removal
The hood allows for effective fume removal.



Safera safety technology
Some products are compatible with Safera safety technology.





Pia central hood
timeless design in white



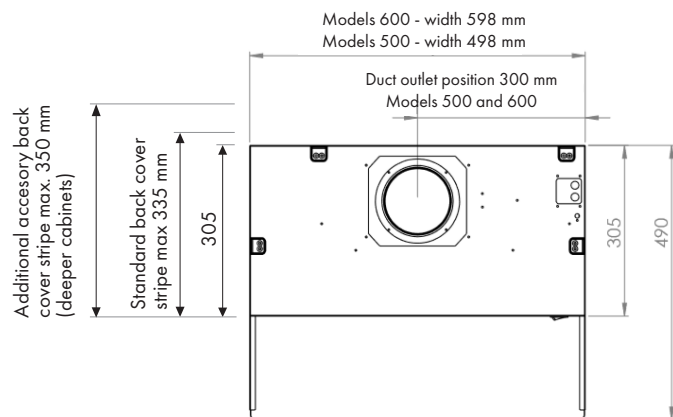
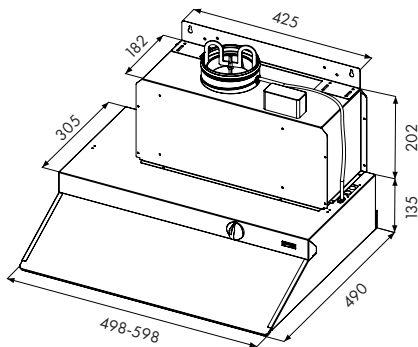
See p. 31 for the hood installed.

Pia central hood

A classic cabinet-mounted central hood for centralised air handling systems. Quick to install in cabinets of different depths. The removable smoke limiting valve is located behind the grease filter.

- LED lights, 2 x 3 W 4000 K
- Width 500 and 600 mm
- Type-approved smoke valve
- Fixed structure, with plug
- Boost damper with mechanical timer (60 min)
- Damper position signal:
 1. Voltage-free status signal (standard)
 2. Compensating damper 24VDC control (max. 7 W) (accessory 40 000 062)
 3. Compensating damper 230VAC control (standard)
- Back cover strip included in the delivery
- Duct connection 1 x 125 mm
- Machine-washable metal grease filter
- Available with Safera safety technology

NB: Choose the right connection cable between the compensating device and the hood.



Model	Code	Width	Colour
Pia-SA55w	20000015	500	White
Pia-SA65w	20000016	600	White

Accessory	Code
Back cover stripe 600 Deeper cabinets	40000184
Back cover stripe 500 Deeper cabinets	40000185
Transformer 230 VAC–24 VDC for compensating damper control	40000062
Safera Siro or integrated Sense unit, depending on the hood type	40000054
Stove power control unit Safera PCU6.3, 3x16A 400 V	40000056
Safera leak guard	40000057



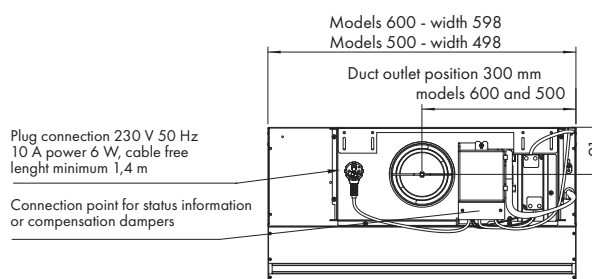
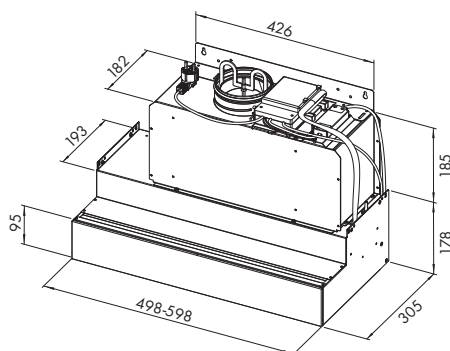
See p. 20 for the hood installed and pulled out.

Suvi central hood

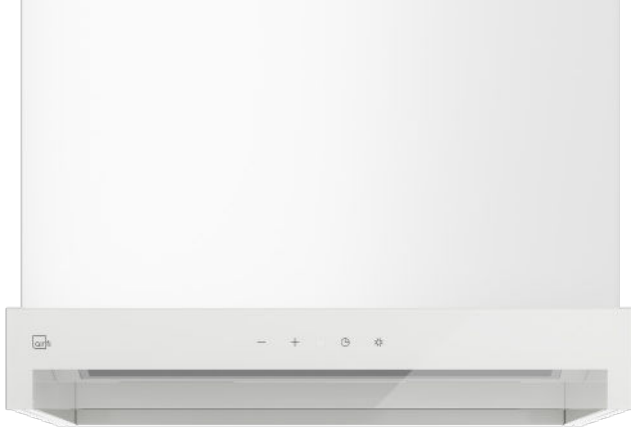
Pull-out central hood integrated in a cabinet. Airfi central hoods are designed for centralised air handling systems. Quick to install in cabinets of different depths. The removable smoke limiting valve is located behind the grease filter.

- LED lights, 2 x 4000 K
- Width 500 and 600 mm
- Type-approved smoke valve
- Boost damper with timer
- Damper position signal:
 1. Voltage-free status signal (standard)
 2. Compensating damper 24VDC control max. 7 W (standard)
- Touch keypad integrated in the glass
- Back cover strip included in the delivery
- Duct connection 1 x 125 mm
- Machine-washable metal grease filter
- White frame as standard
- The depth of the sliding front can be adjusted

NB: When connected, a short-circuit element is used to select whether to use voltage-free or 24VDC compensation data.



Model	Code	Width	Colour (front)
Suvi-CF55w	20000021	500	White
Suvi-CF65w	20000022	600	White
Suvi-CF55s	20000023	500	Silver
Suvi-CF65s	20000024	600	Silver
Suvi-CF55b	20000033	500	Black
Suvi-CF65b	20000034	600	Black
Accessory			Code
Black frame and black front glass			40000158



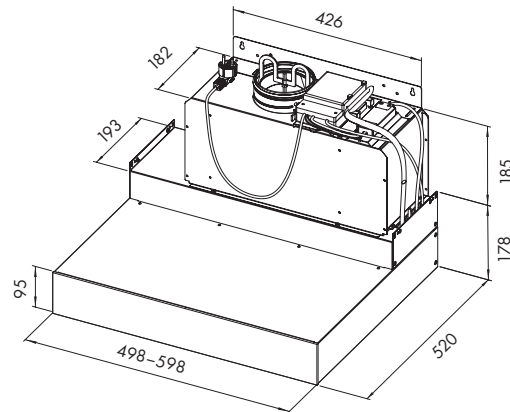
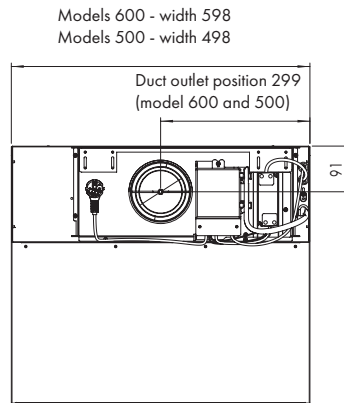
See p. 27 for the hood installed.

Lisa central hood

A modern and adjustable kitchen hood integrated into the cabinet. Airfi central hoods are designed for centralised air handling systems. Quick installation. Thanks to the frame structure, it is ready for installation in cabinets of various depths. The removable smoke limiting valve is located behind the grease filter.

- LED lights, 2 x 4000 K
- Width 600 and 900 mm
- Type-approved smoke valve
- Booster valve with timer
- Damper position signal:
 1. Voltage-free status signal (standard)
 2. Compensating damper 24VDC control max. 7 W (standard)
- Touch keypad integrated in the glass
- Back cover strip included in the delivery
- Duct connection 1 x 125 mm
- Machine-washable metal grease filter
- White frame as standard

NB: When connected, a short-circuit element is used to select whether to use voltage-free or 24VDC compensation data.



Model	Code	Width	Colour (front)
Lisa-CE55w	20000095	500	White
Lisa-CE65w	20000096	600	White
Lisa-CE55s	20000097	500	Silver
Lisa-CE65s	20000098	600	Silver
Lisa-CE55b	20000099	500	Black
Lisa-CE65b	20000100	600	Black

Accessory

Black frame and black front glass

Code

40000158

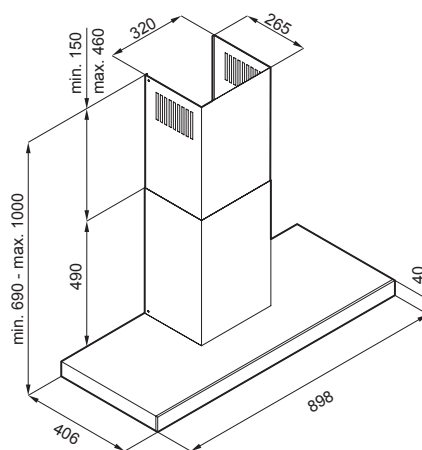
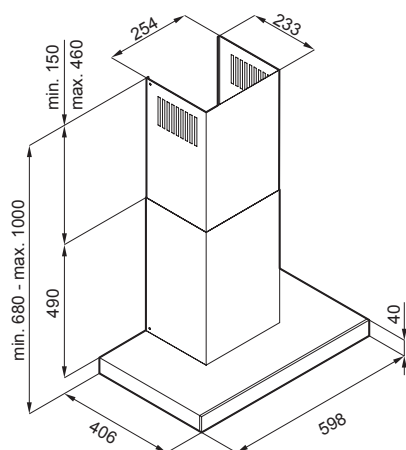


Ida central hood

Designed to be wall-mounted. The hood has capacitive switches integrated in the front panel. Airfi central hoods are designed for centralised air handling systems.

- LED lights, 2 x 4000 K
- Width 600 and 900 mm
- Booster valve with timer
- Duct connector size 1 x 125 mm
- Type-approved smoke valve
- Machine-washable metal grease filter
- Damper position signal:
 1. Voltage-free status signal (standard)
 2. Compensating damper 24VDC control max. 7 W (standard)

NB: When connected, a short-circuit element is used to select whether to use voltage-free or 24VDC compensation data.



Model	Code	Width	Colour
Ida-CC65s	20000035	600	Black/stainless
Ida-CC95s	20000036	900	Black/stainless
Ida-CC65w	20000061	600	White
Ida-CC95w	20000062	900	White

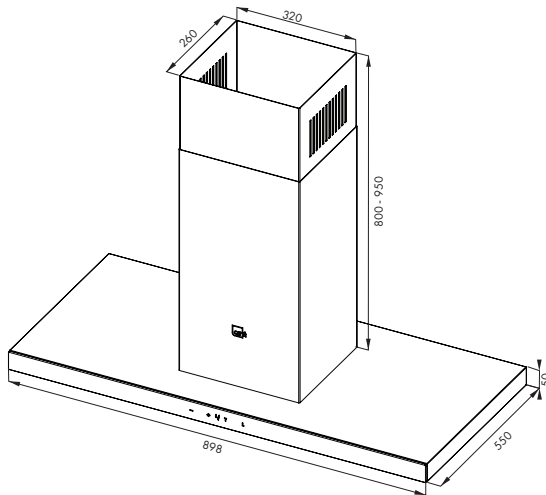


Eva central hood

Freely mounted island-type model. The hood has capacitive switches integrated in the front panel. Airfi central hoods are designed for centralised air handling systems.

- LED lights, 4 x 4000 K
- Duct connector size 1 x 125 mm
- Boost damper with timer
- Type-approved smoke valve
- Machine-washable metal grease filter
- Damper position signal:
 1. Voltage-free status signal (standard)
 2. Compensating damper 24VDC control max. 7 W (standard)

NB: When connected, a short-circuit element is used to select whether to use voltage-free or 24VDC compensation data.



Normal adjustment tolerance for mounting protection and duct cover 800–950 mm

Shorter option (650–800 mm) is available upon request. **Please specify when ordering.**

Model	Code	Width	Colour
Eva-CD95s	20000039	900	Black/stainless
Eva-CD95w	20000063	900	White



COOKER HOODS

Kitchen hoods

Airfi's portfolio also includes kitchen hoods. Kitchen hoods always have an integrated fan. An optional charcoal filter is also available for Airfi kitchen hoods if the removal of extract air is not possible.



Washable grease filter
Metallic machine-washable grease filter.



Fixed structure
Durable product with a metal structure.



LED lights
Ecological and long-lasting LED lights.



Quick to install
Designed with user-friendliness and ease of installation in mind.



A simple solution
Better air quality in an old kitchen with a charcoal filter.



Plug connection
A safe and fast connector for all hoods.



Charcoal filter
Optional charcoal filters are available for cooker hoods.



Easy to use
Simple control panel.



Eva kitchen hood
with adjustable installation height

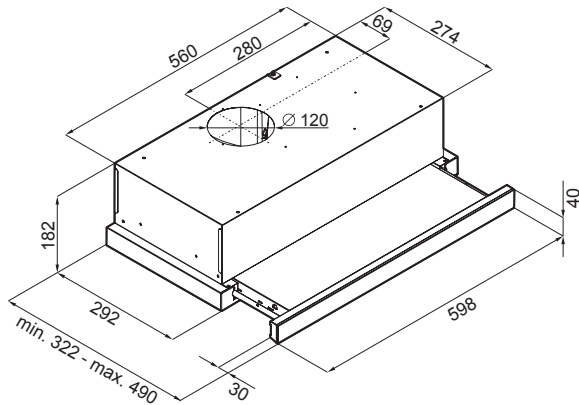




Ava kitchen hood

Pull-out cooker hood integrated in a cabinet. The cooker hood has capacitive switches integrated in the front panel and its own fan.

- 2 x LED lights, 3400 K
- Duct connector size 1 x 120 mm
- Minimum/maximum suction power 275/500 (m³/h)
- Sound levels: min. 48 dB / max. 50 dB
- 85 W motor
- Energy class D
- Available with a charcoal filter



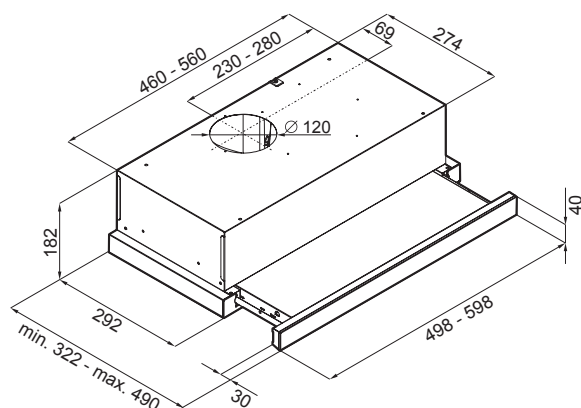
Model	Code	Width	Colour
Ava-CB61w	20000007	600	White
Ava-CB61b	20000008	600	Black
Accessory	Code		
Charcoal filter Ava-CB61s, Ava-CB61w	40000032		



Rosa kitchen hood

Pull-out cooker hood integrated in a cabinet. There is an electric switch on the hood body. A model with its own fan.

- 2 x LED lights, 3400 K
- Width 500 and 600 mm
- Duct connector size 1 x 120 mm
- Minimum/maximum suction power: 135–141/190–198 (m³/h)
- Sound levels: min. 48 dB / max. 50 dB
- 90 W motor
- Energy class D
- Available with a charcoal filter



Model	Code	Width	Colour
Rosa-SC51w	20000003	500	White
Rosa-SC61w	20000004	600	White
Rosa-SC51s	20000005	500	Stainless
Rosa-SC61s	20000006	600	Stainless

Accessory

Charcoal filter Rosa-SC61s,
Rosa-SC61w, Rosa-SC51s, Rosa-SC51w

Code

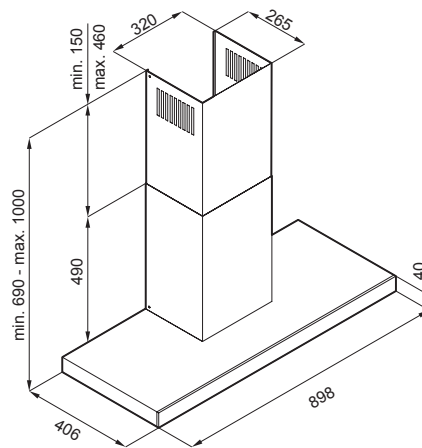
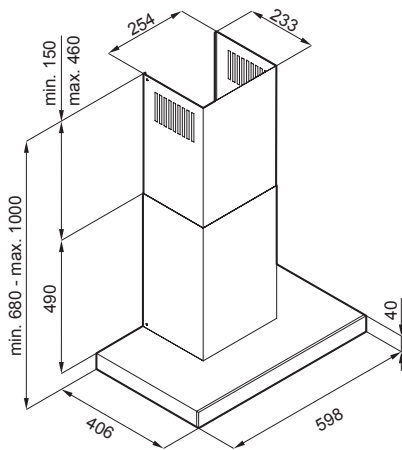
40000033



Ida kitchen hood

A wall-mounted model with optional placement. The cooker hood has capacitive switches integrated in the front panel and its own fan.

- 2 x LED lights, 3400 K
- Width 600 and 900 mm
- Exhaust hood timer 10–90 min.
- Duct connector size 1 x 150 mm
- Minimum/maximum suction power 275/500 (m³/h)
- Sound levels: min. 50–52 dB/max. 63–66 dB
- 250 W motor
- Energy class C
- Available with a charcoal filter



Model	Code	Width	Colour
Ida-CC61s	20000009	600	Black/stainless
Ida-CC91s	20000010	900	Black/stainless

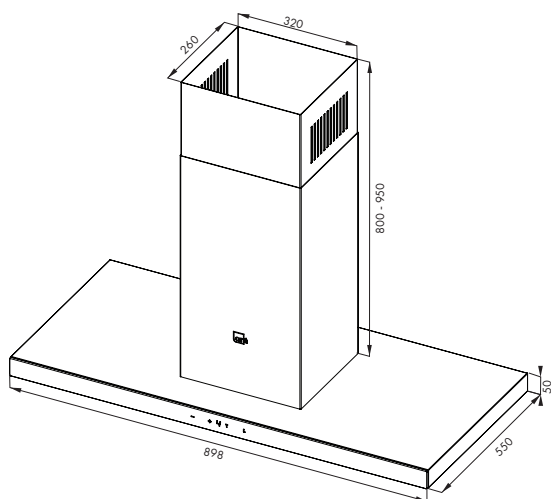
Accessory	Code
Charcoal filter Ida-CC61s	40000031
Charcoal filter Eva-CD91s, Ida-CC91s	40000030



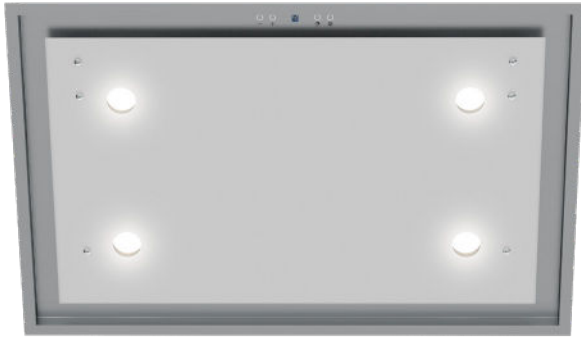
Eva kitchen hood

Freely mounted island-type model with adjustable installation height. The cooker hood has capacitive switches integrated in the front panel and its own fan.

- 4 x LED lights, 3400 K
- Exhaust hood timer 10–90 min.
- Duct connector size 1 x 150 mm
- Minimum/maximum suction power 320/530 (m³/h)
- Sound levels: min. 52 dB / max. 66 dB
- 275 W motor
- Energy class B
- Duct cover included in delivery
- Available with a charcoal filter



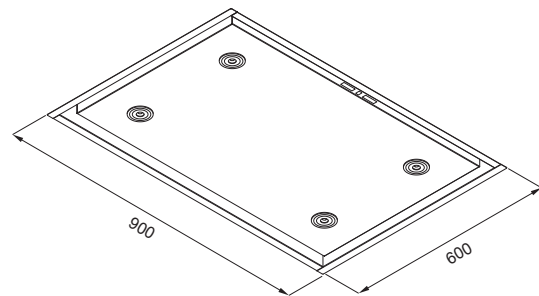
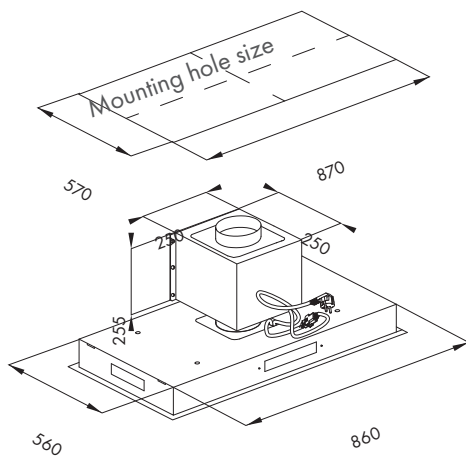
Model	Code	Width	Colour
Eva-CD91s	2000011	900	Black/stainless
Accessory	Code		
Charcoal filter Eva-CD91s, Ida-CC91s	4000030		



Jade kitchen hood

Ceiling-mounted island-type cooker hood. Controllable by remote control or from the screen with a capacitive controller and machine-washable grease filters.

- 4 x LED lights, 3400 K
- Exhaust hood timer 10–90 min.
- Duct connector size 1 x 150 mm
- Minimum/maximum suction power 260/585 (m³/h)
- Sound levels: min. 52 dB / max. 62 dB
- 250 W motor
- Energy class C
- Remote controller included
- Available with a charcoal filter
- The fan unit can also be placed further into the duct system.



Model	Code	Colour
Jade-EB01w	20000013	White

Accessory	Code
Charcoal filter Jade-EB01w	40000028



Eva kitchen hood
with adjustable installation height

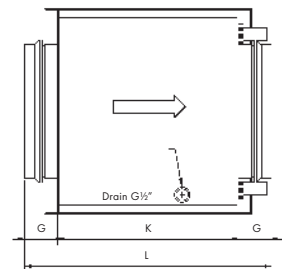
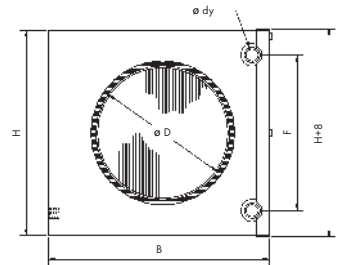
Accessories

Duct radiators

CWK series water-cooled circular duct heaters are used to cool the air circulating in the air handling system. The CWK model can also be used on its own to cool individual rooms or areas.



	Air flow rate	Pressure losses	Air in	Air in	Air out	Power	Water flow	Pressure loss on water side
	m ³ /h	Pa	°C	% RH	°C	kW	l/s	kPa
Power CWK 160-3-2,5	145	9	25	50	13,1	0,7	0,03	4,4
	145	10	30	45	13,9	1,1	0,04	9,8
	250	21	25	50	14,4	1,1	0,04	9,4
	250	22	30	45	15,9	1,6	0,06	20,2
	355	38	25	50	15,3	1,3	0,05	14,6
	355	40	30	45	17,3	2,0	0,08	31,2
Power CWK 200-3-2,5	255	9	25	50	13,4	1,2	0,05	2,5
	255	9	30	45	14,1	1,9	0,07	5,8
	390	16	25	50	14,2	1,7	0,07	4,7
	390	17	30	45	15,5	2,5	0,10	10,3
	555	29	25	50	15,1	2,1	0,08	7,4
	555	30	30	45	16,8	3,2	0,13	16,1
Power CWK 250-3-2,5	360	7	25	50	13,1	1,7	0,07	2,3
	360	8	30	45	13,6	2,7	0,11	5,4
	630	17	25	50	14,1	2,7	0,11	5,3
	630	18	30	45	15,4	4,1	0,16	11,5
	900	29	25	50	15,0	3,5	0,14	8,4
	900	31	30	45	16,8	5,3	0,21	17,8



Model	ØD mm	B mm	H mm	Ø dy mm	F mm	G mm	K mm	L mm	Piping internal volume	Weight	Code
CWK 125-3-2,5	125	326	255	10	175	35	280	350	0,4 l	6 kg	40 000 044
CWK 160-3-2,5	160	326	255	10	175	40	280	360	0,4 l	6 kg	40 000 045
CWK 200-3-2,5	200	411	330	22	250	40	280	360	0,7 l	9 kg	40 000 046
CWK 250-3-2,5	250	486	405	22	325	40	280	360	1,1 l	11 kg	40 000 047
CWK 315-3-2,5	315	560	504	22	400	40	280	360	1,6 l	15 kg	40 000 091

Santeri damper

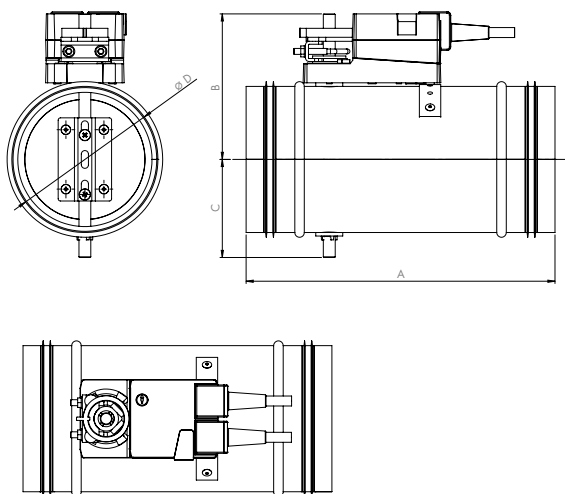
The installed and adjusted compensating unit balances the vacuum during the boost of the general exhaust and the exhaust hood. Vacuum balancing is achieved by the compensating unit receiving a signal from the exhaust hood when the hood's boost damper is opened. This increases the corresponding amount of supply air flow to the apartment.



Example

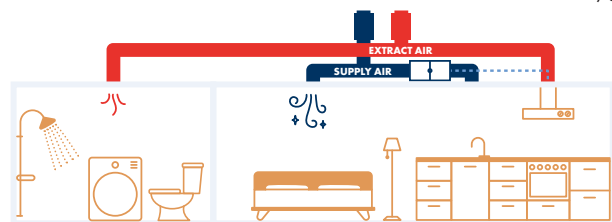
The damper unit can be used to balance the ventilation. For example, in a block of flats, the negative pressure caused by an exhaust hood's booster function can be compensated by increasing the supply air flow rate.

NB: Make sure the units can be maintained and regulated. Take into account cleaning hatches if necessary.



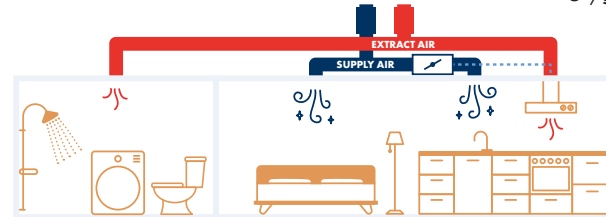
Exhaust hood flap closed:

0 l/s



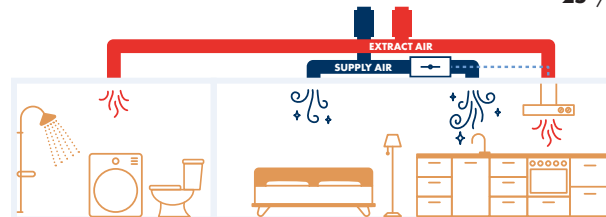
Exhaust hood general exhaust (basic air flow rate):

-8 l/s



Exhaust hood flap open:

-25 l/s



Model	P/N	øD	A	B	C	Type	Supply voltage	Exhaust hood
Santeri-125-LM24A	40000058	125	260	125	80	Compensator	24 V	Suvi, Ida and Eva
Santeri-125-LF24	40000059	125	260	160	80	Spring return actuator	24 V	Suvi, Ida and Eva
Santeri-125-LM230A	40000060	125	260	125	80	Compensator	230 V	Pia
Santeri-125-LF230	40000061	125	260	160	80	Spring return actuator	230 V	Pia

The damper is also available in size 160 mm (delivery).

Our sales team



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