

AIR HANDLING UNITS

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energy efficient ventilation

Meet our HERU IQ® family. Our range of high performing Air Handling Units with energy recovery includes products for all kinds of homes, schools, offices and small size public & commercial facilities. A healthy indoor environment with maximum comfort and minimum energy consumption is achieved by controlled ventilation with energy recovery.

HERU IQ® supplies the building with fresh tempered, filtered and clean air. HERU IQ® recovers up to 86% of the energy from the exhausted air.

Through its award-winning design, the Air Handling Units meets the requirements of high efficiency, low power consumption, quiet operation and high reliability.

Quality has always been an essential part of H. Östberg AB. The company is certified according to the quality and environment standards ISO 9001 and ISO 14001. These strict demands guarantee efficient and rational production of high standard products.

All our Air Handling Units are tested before delivery, which secure the high quality of the production. The indoor air quality directly affects the way we feel, not only physically but also spiritually. Therefore, use Östberg quality products to achieve a fresh and healthy indoor climate with energy efficient ventilation.



Air Handling Units for residential, commercial and public environments



Compact Combi Unit for Heating and Ventilation of private Villas

Östberg supplies energy efficient and high performance ventilation products for a fresh and healthy indoor climate, wherever people live, work or play. Founded in Sweden in the early 1980s, Östberg has grown into a leading global supplier of duct fans and energy efficient air treatment units – with product sales in over 75 countries.

healthy indoor climate

FLEXIBLE AND CUSTOMISED

Consistent customer focus and great flexibility play key roles in Östberg's business concept. We consider it of particular importance to create a truly world-class indoor environment with the lowest possible energy consumption and sound levels. Our comprehensive product range features units that can handle airflows from 50 litres to 1.2 cubic metres per second.

All our products are CE-labelled for EU, EFTA and EEA markets, and we place great emphasis on making them simple to install and to use.

RESEARCH AND PRODUCT DEVELOPMENT

To maintain and grow the position as a leading technical supplier of high end quality products, Östberg continuously invests heavily in innovation and product development. Our ideas for product development arise from collaborations with our customers, innovations by our technical experts and from our desire to create even better indoor climates. In our efforts to continuously develop our products, we perform numerous tests and measurements – all in order to meet our customers needs and provide healthier air using energy efficient fans and ventilation products at competitive prices.

QUALITY ASSURED PRODUCTS

Östberg upholds the highest standards for production, with secure quality controls monitoring each product throughout the entire manufacturing process. The company is certified according to the quality and environment standards ISO 9001 and ISO 14001. Östberg is headquartered in Sweden with branches in many countries all over the world.

By choosing an Östberg product you invest in long-lasting quality products powered by innovation.

SUPPLY AIR UNITS

SAU 62
 SAU supply air unit is designed to provide a comfortable indoor climate with controlled heating and clean, filtered air.
 SAU is available with AC and EC motors.
 Airflows up to 1000 m³/h (0.28 m³/s).

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SUPPLY AIR UNIT

SAU 125 A1 AC

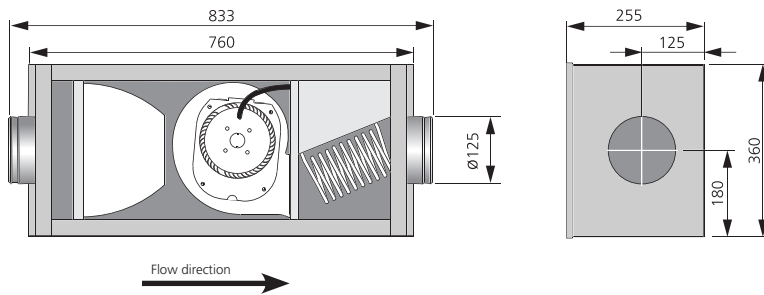
- Supply air unit with circular connections.
- Designed to provide a comfortable indoor climate with controlled heating and filtered, clean air.
- Low sound level, high operating reliability and provides clean indoor air.
- Comes complete with filter, fan and heater.
- Available with or without integrated pulses (with external set point adjuster) and duct sensor.
- Airflow is generated by a silent radial fan with AC motor, impeller with forward curved blades.
- The impeller is easy to clean thanks to its swing-out design.
- Integrated overheating protection for heaters and motor windings.
- The unit has enclosure class IP 44.
- Comes with filter ISO ePM Coarse 65% as standard. The filter is very easy to change.
- Regulated with external control unit with two functions: Heater on/off and choice of two fan speeds. It is also possible to regulate externally using a Pulsar.
- The unit is constructed of galvanized steel sheet and insulated with 50 mm mineral wool board with an outer layer of fibreglass weave for easy cleaning.
- For placement in warm or cold areas.

ACCESSORIES

- Filter, ISO ePM1 65% and ISO ePM Coarse 80%
- Fan control
- Silencer, LDC 125
- Mounting clamp, MK 125, simplifies connection to duct and absorbs vibrations.
- Back draught shutter, RSK 125
- Safety grille, BSR/BSV 125
- Louvre shutter, VK 125



DIMENSIONS (mm)



Type	Art.no.
SAU 125 A1, 1.0 kW	8000010
SAU 125 A1, 1.0 kW with Pulsar	8000011





This product is not sold within the EU.

SUPPLY AIR UNIT

SAU 125 A1 AC

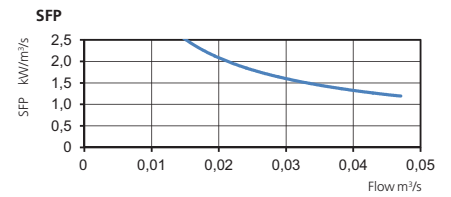
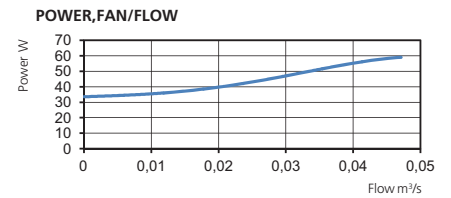
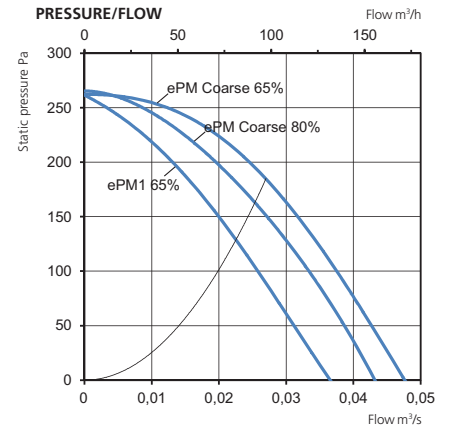
TECHNICAL DATA

SAU 125 A1 AC	Without Pulsar	With Pulsar
Voltage	230	230 V
Voltage, range	220-240	220-240 V
Frequency	50	50 Hz
Phase	1	1 ~
Total current	4.50	4.50 A
Power, fan	41	41 W
Power, electric heater	1000	1000 W
Total power	1041	1041 W
Speed	1100	1100 rpm
Capacitor	3	3 µF
Max. temp of transported air	50	50 °C
Sound pressure level, 3 m	38	38 dB L _{PA}
Weight	19.0	19.6 kg
Wiring diagram	4040037	4040038

SOUND DATA (dB)

	Total (L _{wA})	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
230 V / 27 l/s									
Surrounding	45	28	33	38	41	36	33	30	32
Outlet	59	49	54	50	51	53	48	42	36
Inlet	55	47	52	50	42	38	36	32	31

Above sound values measured with filter ISO ePM Coarse 65% (highest pressure/airflow).
The filter only reduces pressure -> same sound values at same airflow regardless of filter class.



SUPPLY AIR UNIT

SAU 125 C1 AC

- Supply air unit with circular connections.
- Designed to provide a comfortable indoor climate with controlled heating and clean, filtered air.
- Low sound level, high operating reliability and provides clean indoor air.
- Comes complete with filter, fan and heater.
- Available with or without integrated pulses (with external setpoint adjuster) and duct sensor.
- The airflow is generated by a silent radial fan with AC motor, impeller with forward curved blades.
- The impeller is easy to clean thanks to its swing-out design.

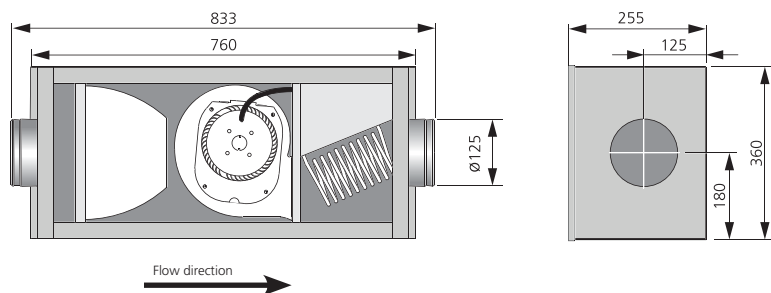
- Integrated overheating protection for heaters and motor windings.
- The unit has enclosure class IP 44.
- Comes with filter ISO ePM Coarse 65% as standard. The filter is very easy to change.
- Regulated with external control unit with two functions: Heater on/off and choice of two fan speeds.
- The unit is constructed of galvanized steel sheet and insulated with 50 mm mineral wool board with a outer layer of fibreglass weave for easy cleaning.
- For placement in warm or cold areas.

ACCESSORIES

- Filter, ISO ePM1 65% and ISO ePM Coarse 80%
- Fan control
- Silencer, LDC 125
- Mounting clamp, MK 125, simplifies connection to duct and absorbs vibrations.
- Back draught shutter, RSK 125
- Safety grille, BSR/BSV 125
- Louvre shutter, VK 125



DIMENSIONS (mm)



Type	Art.no.
SAU 125 C1, 2.0 kW	8000012
SAU 125 C1, 2.0 kW with Pulsar	8000013





This product is not sold within the EU.

SUPPLY AIR UNIT

SAU 125 C1 AC

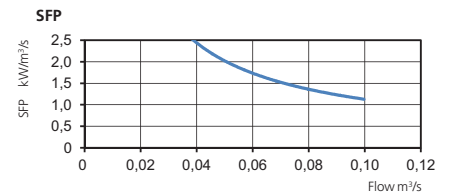
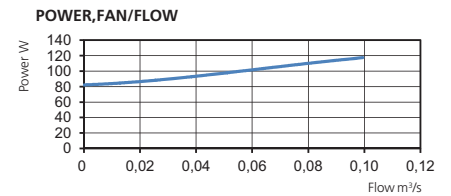
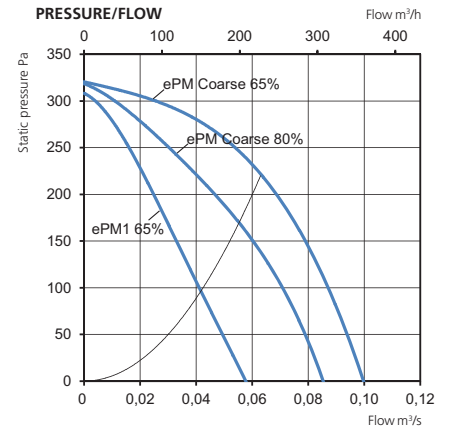
TECHNICAL DATA

SAU 125 C1 AC	Without Pulser	With Pulser
Voltage	230	230 V
Voltage, range	220-240	220-240 V
Frequency	50	50 Hz
Phase	1	1 ~
Total current	9.20	9.20 A
Power, fan	120	120 W
Power, electric heater	2000	2000 W
Total power	2110	2110 W
Speed	1850	1850 rpm
Capacitor	4	4 µF
Max. temp of transported air	50	50 °C
Sound pressure level, 3 m	42	42 dB L _{PA}
Weight	17.8	18.5 kg
Wiring diagram	4040040	4040041

SOUND DATA (dB)

	Total (L _{WA})	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
230 V / 63 l/s									
Surrounding	49	28	38	44	45	39	36	32	32
Outlet	65	52	60	56	56	58	57	49	45
Inlet	60	50	56	56	48	43	42	40	30

Above sound values measured with filter ISO ePM Coarse 65% (highest pressure/airflow).
The filter only reduces pressure -> same sound values at same airflow regardless of filter class.



SUPPLY AIR UNIT

SAU 200 B1 AC

- Supply air unit with circular connections.
- Designed to provide a comfortable indoor climate with controlled heating and filtered, clean air.
- Low sound level, high operating reliability and provides clean indoor air.
- Comes complete with filter, fan and heater.
- Available with or without integrated pulses (with external setpoint adjuster) and duct sensor.
- Airflow is generated by a silent radial fans with AC motor, impeller with backward curved blades.
- The impeller is easy to clean thanks to its swing-out design.

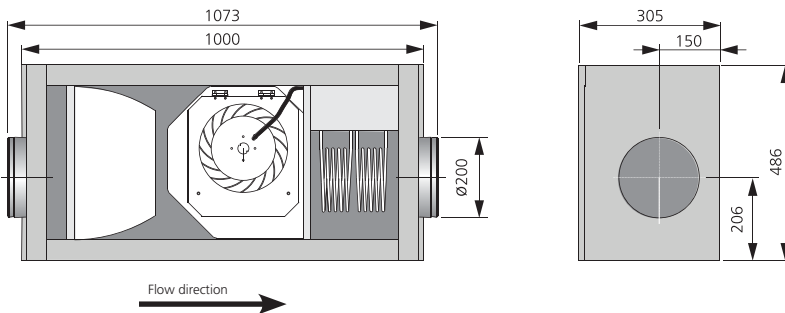
- Integrated overheating protection for heaters and motor windings.
- The unit has enclosure class IP 44.
- Comes with filter ISO ePM Coarse 65% as standard. The filter is very easy to change.
- Regulated with external control unit with two functions: Heater on/off and choice of two fan speeds.
- The unit is constructed of galvanized steel sheet and insulated with 50 mm mineral wool board with a outer layer of fibreglass weave for easy cleaning.
- For placement in warm or cold areas.

ACCESSORIES

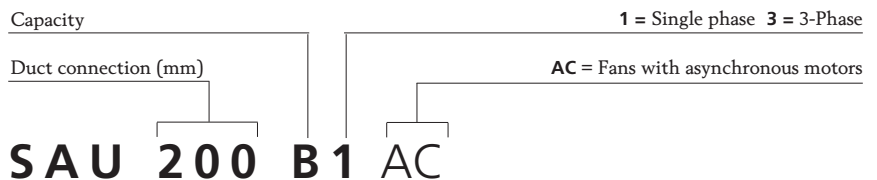
- Filter, ISO ePM1 65% and ISO ePM Coarse 80%
- Fan control
- Silencer, LDC 200
- Mounting clamp, MK 200, simplifies connection to duct and absorbs vibrations.
- Back draught shutter, RSK 200
- Safety grille, BSR/BSV 200
- Louvre shutter, VK 200



DIMENSIONS (mm)



Type	Art.no.
SAU 200 B1, 2.0 kW	8000014
SAU 200 B1, 2.0 kW with Pulsar	8000015





This product is not sold within the EU.

SUPPLY AIR UNIT

SAU 200 B1 AC

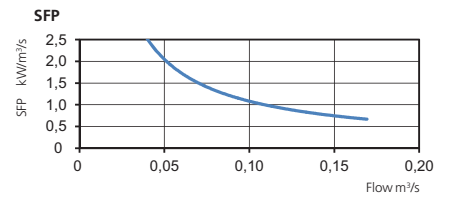
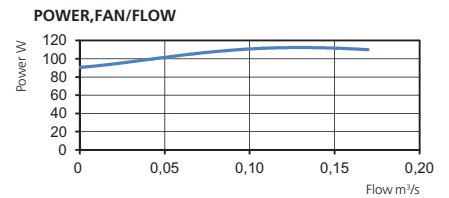
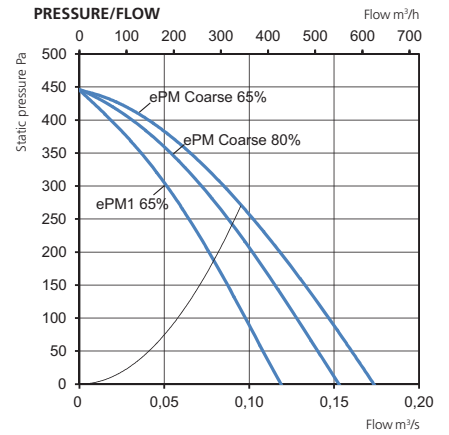
TECHNICAL DATA

SAU 200 B1 AC	Without Pulser	With Pulser
Voltage	230	230 V
Voltage, range	220-240	220-240 V
Frequency	50	50 Hz
Phase	1	1 ~
Total current	9.20	9.20 A
Power, fan	105	105 W
Power, electric heater	2000	2000 W
Total power	2105	2105 W
Speed	2500	2500 rpm
Capacitor	4	4 µF
Max. temp of transported air	60	60 °C
Sound pressure level, 3 m	43	43 dB L _{PA}
Weight	28.5	30.4 kg
Wiring diagram	4040040	4040041

SOUND DATA (dB)

	Total (L _{wA})	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
230 V / 95 l/s									
Surrounding	50	46	41	44	46	41	38	34	32
Outlet	69	51	55	62	66	63	58	51	39
Inlet	62	45	53	59	58	49	44	40	27

Above sound values measured with filter ISO ePM Coarse 65% (highest pressure/airflow).
The filter only reduces pressure -> same sound values at same airflow regardless of filter class.



SUPPLY AIR UNIT

SAU 200 B3 AC

- Supply air unit with circular connections.
- Designed to provide a comfortable indoor climate with controlled heating and clean, filtered air.
- Low sound level, high operating reliability and provides clean indoor air.
- Comes complete with filter, fan and heater.
- Available with or without integrated pulses (with external setpoint adjuster) and duct sensor.
- Airflow is generated by a silent radial fan with AC motor, impeller with backward curved blades.
- The impeller is easy to clean thanks to its swing-out design.

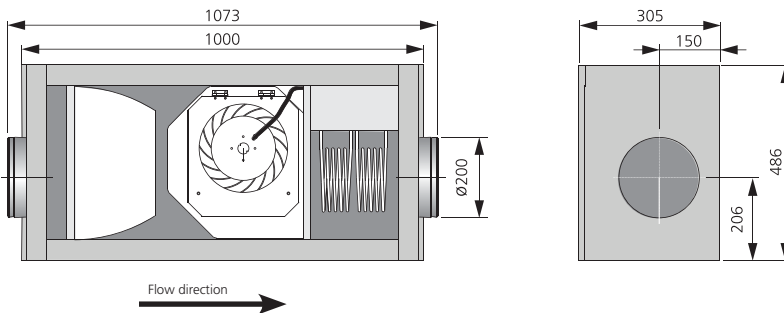
- Integrated overheating protection for heaters and motor windings.
- The unit has enclosure class IP 44.
- Comes with filter ISO ePM Coarse 65% as standard. The filter is very easy to change.
- Regulated with external control unit with two functions: Heater on/off and choice of two fan speeds.
- The unit is constructed of galvanized steel sheet and insulated with 50 mm mineral wool board with a outer layer of fibreglass weave for easy cleaning.
- For placement in warm or cold areas.

ACCESSORIES

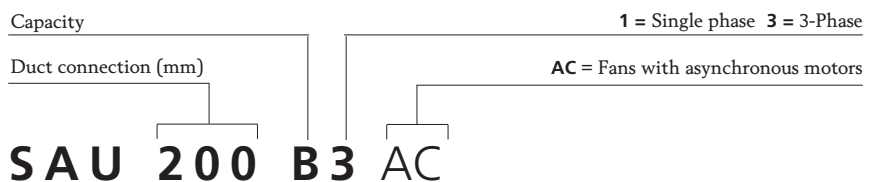
- Filter, ISO ePM1 65% and ISO ePM Coarse 80%
- Fan control
- Silencer, LDC 200
- Mounting clamp, MK 200, simplifies connection to duct and absorbs vibrations.
- Back draught shutter, RSK 200
- Safety grille, BSR/BSV 200
- Louvre shutter, VK 200



DIMENSIONS (mm)



Type	Art.no.
SAU 200 B3, 5.0 kW	8000018
SAU 200 B3, 4.4 kW with Pulsar	8000019





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SUPPLY AIR UNIT

SAU 200 B3 AC

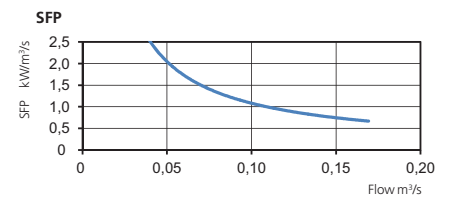
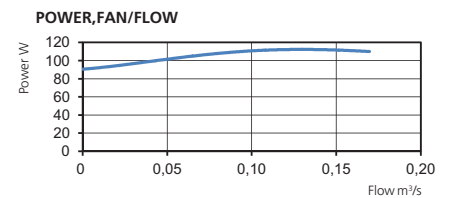
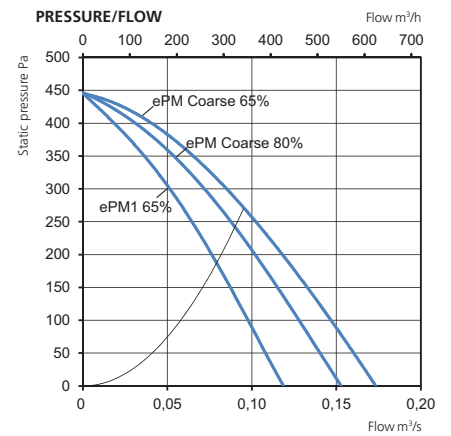
TECHNICAL DATA

SAU 200 B3 AC	Without Pulser	With Pulser
Voltage	400	400 V
Voltage, range	380-415	380-415 V
Frequency	50	50 Hz
Phase	3	2 ~
Total current	11.60	11.60 A
Power, fan	105	105 W
Power, electric heater	5000	4400 W
Total power	5105	4505 W
Speed	2500	2500 rpm
Capacitor	4	4 μF
Max. temp of transported air	50	50 °C
Sound pressure level, 3 m	43	43 dB L _{PA}
Weight	30.0	31.3 kg
Wiring diagram	4040043	4040044

SOUND DATA (dB)

	Total (L _{WA})	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
230 V / 95 l/s									
Surrounding	50	46	41	44	46	41	38	34	32
Outlet	69	51	55	62	66	63	58	51	39
Inlet	62	45	53	59	58	49	44	40	27

Above sound values measured with filter ISO ePM Coarse 65% (highest pressure/airflow).
The filter only reduces pressure -> same sound values at same airflow regardless of filter class.



SUPPLY AIR UNIT

SAU 200 C3 Erp AC

- Supply air unit with circular connections.
- Designed to provide a comfortable indoor climate with controlled heating and filtered, clean air.
- Low sound level, high operating reliability and provides clean indoor air.
- Comes complete with filter, fan and heater.
- Available with or without integrated pulses (with external setpoint adjuster) and duct sensor.
- Airflow is generated by a silent radial fan with AC motor, impeller with backward curved blades.
- The impeller is easy to clean thanks to its swing-out design.

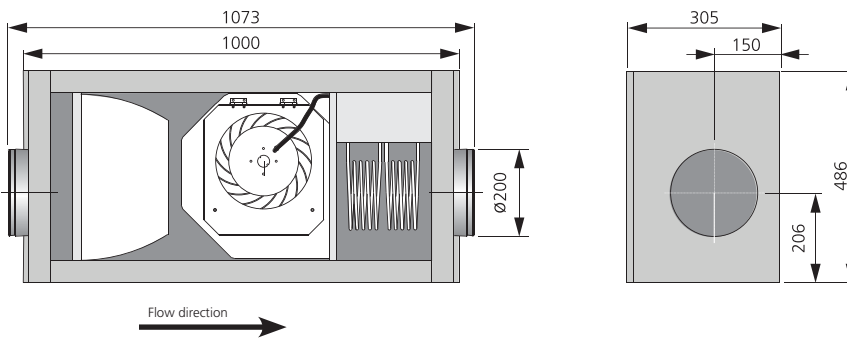
- Integrated overheating protection for heaters and motor windings.
- The unit has enclosure class IP 44.
- Comes with filter ISO ePM Coarse 65% as standard. The filter is very easy to change.
- Regulated with external control unit with two functions: Heater on/off and choice of two fan speeds.
- The unit is constructed of galvanized steel sheet and insulated with 50 mm mineral wool board with a outer layer of fibreglass weave for easy cleaning.
- For placement in warm or cold areas.

ACCESSORIES

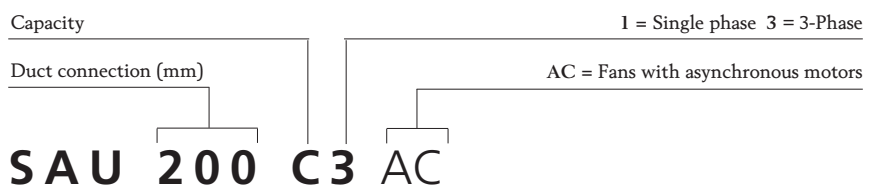
- Filter, ISO ePM1 65% and ISO ePM Coarse 80%
- Fan control
- Silencer, LDC 200
- Mounting clamp, MK 200, simplifies connection to duct and absorbs vibrations.
- Back draught shutter, RSK 200
- Safety grille, BSR/BSV 200
- Louvre shutter, VK 200



DIMENSIONS (mm)



Type	Art.no.
SAU 200 C3, 5.0 kW	8000024
SAU 200 C3, 4.4 kW with Pulsar	8000025





This product is not sold within the EU.

SUPPLY AIR UNIT

SAU 200 C3 Erp AC

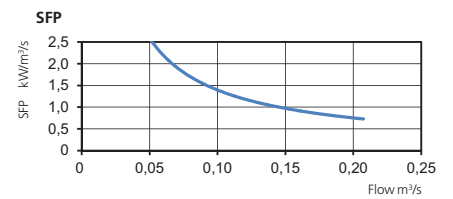
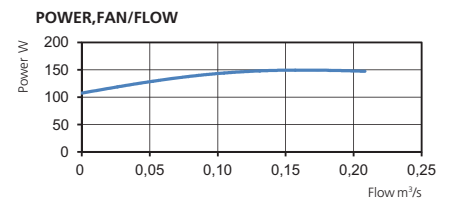
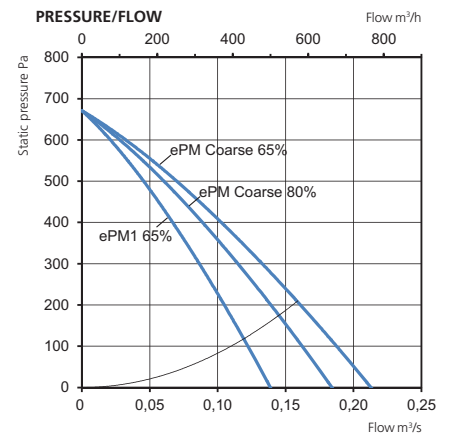
TECHNICAL DATA

SAU 200 C3 Erp AC	Without Pulser	With Pulser	
Voltage	400	400	V
Voltage, range	380-415	380-415	V
Frequency	50	50	Hz
Phase	3	2	~
Total current	13.00	11.70	A
Power, fan	150	150	W
Power, electric heater	5000	4400	W
Total power	5150	4550	W
Speed	2740	2740	rpm
Capacitor	5	5	µF
Max. temp of transported air	40	40	°C
Sound pressure level, 3 m	45	45	dB L _{PA}
Weight	31.3	32.0	kg
Wiring diagram	4040043	4040044	

SOUND DATA (dB)

	Total (L _{WA})	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
230 V / 159 l/s									
Surrounding	52	37	40	51	45	38	34	31	28
Outlet	71	56	59	65	66	62	61	61	52
Inlet	62	56	58	57	52	42	40	43	31

Above sound values measured with filter ISO ePM Coarse 65% (highest pressure/airflow).
The filter only reduces pressure -> same sound values at same airflow regardless of filter class.



SUPPLY AIR UNIT

SAU 250 E AC

- Supply air unit with circular connections.
- Designed to provide a comfortable indoor climate with controlled heating and clean, filtered air.
- Low sound level, high operating reliability and provides clean indoor air.
- Comes complete with filter, fan and heater.
- SAU 250 with a water battery is operated using a 3-way valve and control equipment.
- Available with or without integrated pulses (with external setpoint adjuster) and duct sensor.
- Airflow is generated by a silent radial fan with AC motor, impeller with backward curved blades.

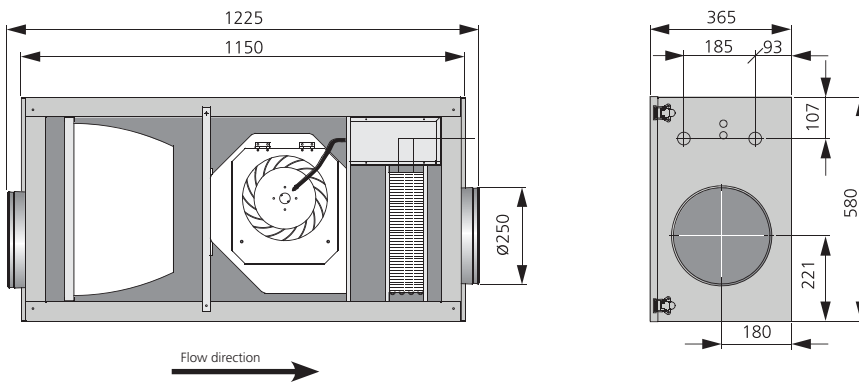
- The impeller is easy to clean thanks to its swing-out design.
- Integrated overheating protection for heater and motor windings.
- Comes with filter ISO ePM Coarse 65% as standard. The filter is very easy to change.
- Regulated with external control unit with two functions: Heater on/off and choice of two fan speeds.
- The unit is constructed of galvanized steel sheet and insulated with 50 mm mineral wool board with a outer layer of fibreglass weave for easy cleaning.
- For placement in warm or cold areas.

ACCESSORIES

- Filter, ISO ePM1 65% and ISO ePM Coarse 80%
- Control Kit
- Silencer, LDC 250
- Mounting clamp, MK 250, simplifies connection to duct and absorbs vibrations.
- Back draught shutter, RSK 250
- Safety grille, BSR/BSV 250
- Louvre shutter, VK 250



DIMENSIONS (mm)



Type	Art.no.
SAU 250 E	8000045





This product is not sold within the EU.

SUPPLY AIR UNIT

SAU 250 E AC

TECHNICAL DATA

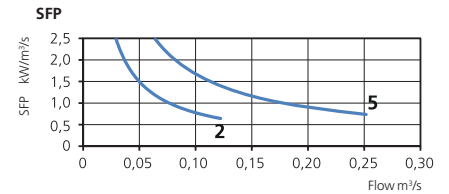
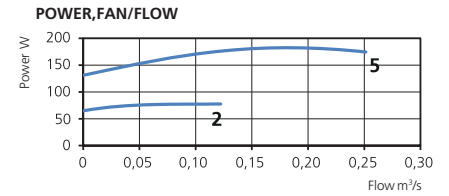
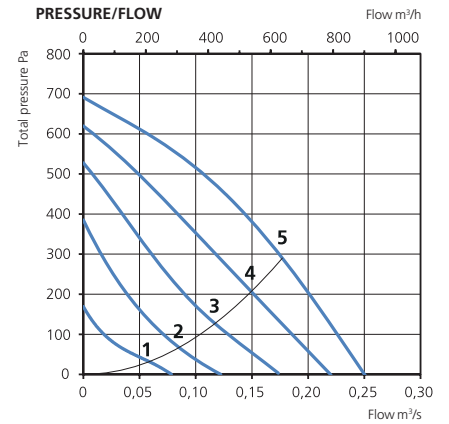
SAU 250 E AC	
Voltage	230 V
Voltage, range	220-240 V
Frequency	50 Hz
Phase	1 ~
Total current	0.80 A
Power, fan	183 W
Power, electric heater	- W
Total power	183 W
Speed	2420 rpm
Capacitor	5 µF
Max. temp of transported air	40 °C
Sound pressure level, 3 m	45 dB L _{PA}
Weight	50.0 kg
Wiring diagram	4040058

TECHNICAL DATA with water battery

Airflow	250 l/s and 45°C DT	200 l/s and 50°C DT	150 l/s and 55°C DT	
Power	14.7	12.7	10.3	kW
Water temperature	60/40	60/40	60/40	°C
Pressure dop	11.2	8.5	5.9	kPa
Flow	0.18	0.15	0.12	l/s
Connection	18	18	18	Ø mm

SOUND DATA (dB)

	Total (L _{WA})	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
230 V / 177 l/s									
Surrounding	52	36	40	51	41	32	31	32	29
Outlet	71	56	56	68	62	60	61	56	44
Inlet	60	57	50	55	43	39	36	32	25
165 V / 151 l/s									
Surrounding	54	32	36	53	37	29	27	28	28
Outlet	66	51	53	62	59	54	57	49	38
Inlet	54	48	48	50	38	33	31	26	19
135 V / 117 l/s									
Surrounding	47	31	33	47	32	26	25	27	28
Outlet	63	47	49	61	55	48	51	40	30
Inlet	51	44	42	49	35	27	26	19	13
110 V / 86 l/s									
Surrounding	38	24	35	32	26	25	24	26	28
Outlet	52	41	49	46	43	41	38	27	19
Inlet	44	38	41	36	25	21	17	14	10
80 V / 63 l/s									
Surrounding	34	25	26	24	20	25	24	26	28
Outlet	43	36	39	36	33	28	23	15	11
Inlet	35	31	30	27	15	11	14	13	9



TRANSFORMER STEPS

1	2	3	4	5
80V	110V	135V	165V	230V

SUPPLY AIR UNIT

SAU 125 C1 EC

- An insulated supply air unit with circular connections.
- Designed to provide a comfortable indoor climate with controlled heating and filtered, clean air.
- The unit has an external control unit for operating and to preset the required temperature as well as monitor the unit's status.
- Low sound level, high operating reliability and provides clean indoor air.
- Comes with Modbus communication via RS485 as standard.
- Comes complete with filter, fan, duct sensor and electrical heater as standard.

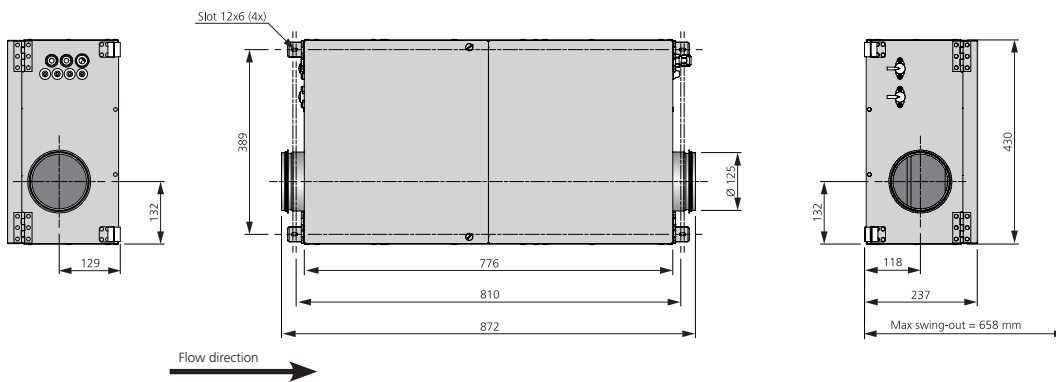
- Airflow is generated by a silent radial fan with EC motor, impeller with backward curved blades.
- The fan house and impeller is easy to clean.
- Comes with filter ISO ePM1 50% as standard. The filter is very easy to change.
- Duct connections are equipped with rubber seals.
- The unit is constructed from galvanized steel sheet and insulated with an easy to clean 30 mm fiberglass.
- For placement in warm or cold areas.

ACCESSORIES

- Filter ISO ePM2.5 60%
- Remote control
- Antenna
- Control unit
- Carbon dioxide sensor CO2
- Humidity sensor RH
- Room sensor Temp
- Duct sensor
- Extension cable, antenna
- Silencer LDC 125
- Mounting clamp MK 125, simplifies connection to duct and absorbs vibrations.
- Back draught shutter RSK 125
- Safety grille BSR/BSV 125
- Louvre shutters VK 125



DIMENSIONS (mm)



Capacity

1 = Single phase 3 = 3-Phase

Duct connection (mm)

EC = Fans with low-energy motors

Type	Art.no.
SAU 125 C1 EC	8000063

SAU 125 C1 EC



SUPPLY AIR UNIT

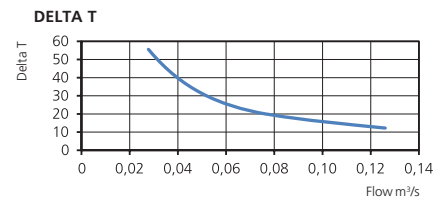
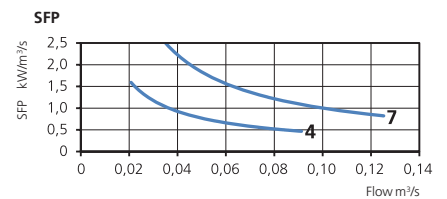
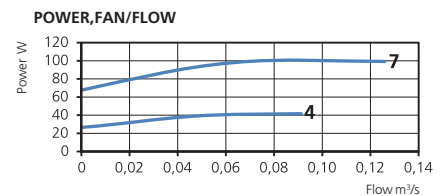
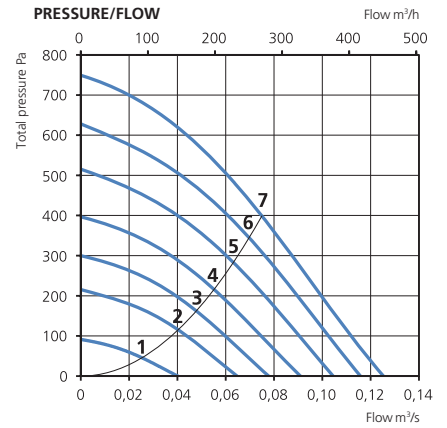
SAU 125 C1 EC

TECHNICAL DATA

SAU 125 C1 EC	
Voltage	230 V
Voltage, range	220-240 V
Frequency	50 Hz
Phase	1 ~
Total current	9.60 A
Power, fan	101 W
Power, electric heater	2000 W
Total power	2110 W
Speed	3540 rpm
Capacitor	5 µF
Max. temp of transported air	60 °C
Sound pressure level, 3 m	45 dB L _{PA}
Weight	20.4 kg
Wiring diagram	4040206

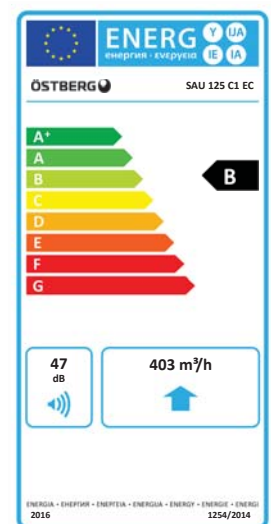
SOUND DATA (dB)

	Total (L _{wa})	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
10 V / 75 l/s									
Surrounding	52	32	45	50	46	37	34	34	30
Outlet	73	57	61	64	67	63	67	60	52
Inlet	61	51	54	57	51	43	48	44	33
9 V / 70 l/s									
Surrounding	51	29	43	48	45	36	33	32	29
Outlet	72	56	60	63	67	62	66	58	50
Inlet	60	51	54	56	50	41	47	42	31
8 V / 64 l/s									
Surrounding	49	30	42	46	40	33	31	30	29
Outlet	69	55	59	62	61	59	64	55	46
Inlet	58	50	53	54	46	38	44	39	27
7 V / 55 l/s									
Surrounding	47	27	40	44	38	30	29	28	28
Outlet	66	54	58	60	57	55	61	52	42
Inlet	55	47	51	51	42	36	41	36	23
6 V / 47 l/s									
Surrounding	44	22	37	41	34	28	26	27	28
Outlet	63	51	54	58	53	51	57	47	36
Inlet	53	46	49	48	39	32	37	32	19
5 V / 40 l/s									
Surrounding	41	20	33	38	31	26	24	27	28
Outlet	59	49	51	56	49	47	52	41	29
Inlet	51	44	45	49	35	28	33	26	13
3 V / 24 l/s									
Surrounding	34	16	26	27	23	24	23	27	28
Outlet	48	43	43	39	37	36	39	25	13
Inlet	42	38	37	33	25	17	20	13	9



TRANSFORMER STEPS

1	2	3	4	5	6	7
3V	5V	6V	7V	8V	9V	10V



SUPPLY AIR UNIT

SAU 200 B3 EC

- An insulated supply air unit with circular connections.
- Designed to provide a comfortable indoor climate with controlled heating and filtered, clean air.
- The unit has an external control unit for operating and to preset the required temperature as well as monitor the unit's status.
- Low sound level, high operating reliability and provides clean indoor air.
- Comes with Modbus communication via RS485 as standard.
- Comes complete with filter, fan, duct sensor and electrical heater as standard.

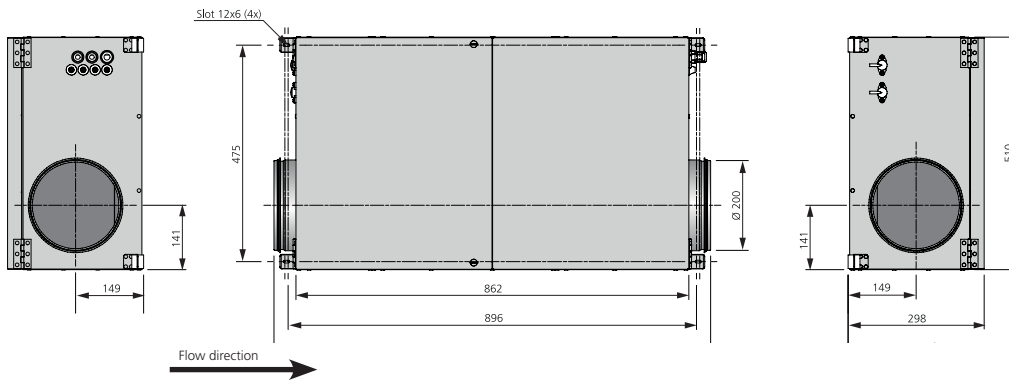
- Airflow is generated by a silent radial fan with EC motor, impeller with backward curved blades.
- The fan house and impeller is easy to clean.
- Comes with filter ISO ePM1 50% as standard. The filter is very easy to change.
- Duct connections are equipped with rubber seals.
- The unit is constructed from galvanized steel sheet and insulated with an easy to clean 30 mm fiberglass.
- For placement in warm or cold areas.

ACCESSORIES

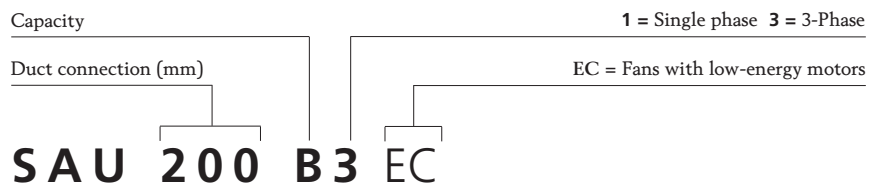
- Filter ISO ePM2.5 60%
- Remote control
- Antenna
- Control unit
- Carbon dioxide sensor CO2
- Humidity sensor RH
- Room sensor Temp
- Duct sensor
- Extension cable, antenna
- Silencer LDC 200
- Mounting clamp MK 200, simplifies connection to duct and absorbs vibrations.
- Back draught shutter RSK 200
- Safety grille BSR/BSV 200
- Louvre shutters VK 200



DIMENSIONS (mm)



Type	Art.no.
SAU 200 B3 EC	8000065





SUPPLY AIR UNIT

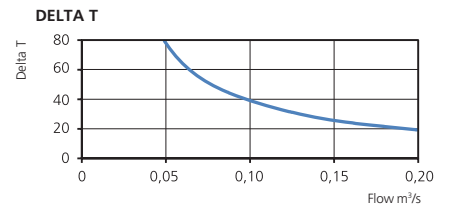
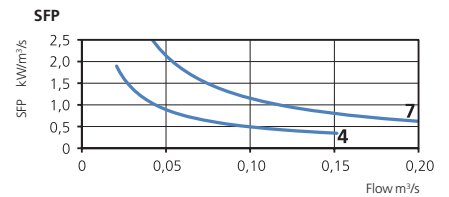
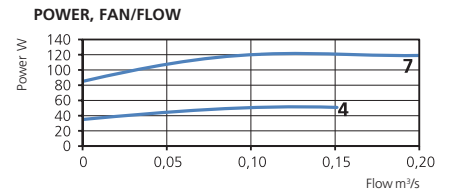
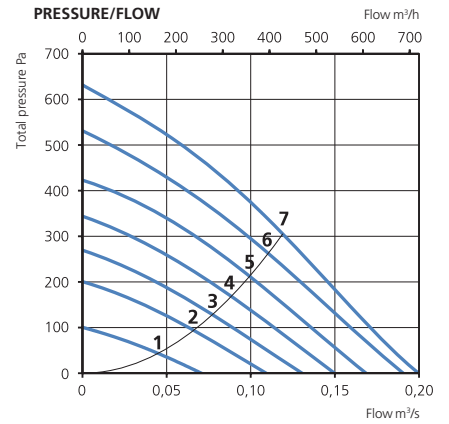
SAU 200 B3 EC

TECHNICAL DATA

SAU 200 B3 EC	
Voltage	400 V
Voltage, range	220-240 V
Frequency	50 Hz
Phase	3 ~
Total current	13.5 A
Power, fans	0.95 W
Power, electric heater	5000 W
Total power	5130 W
Speed	2860 rpm
Capacitor	- μ F
Max. temp of transported air	60 °C
Sound pressure level, 3 m	46 dB L _{PA}
Weight	26.0 kg
Wiring diagram	4040207

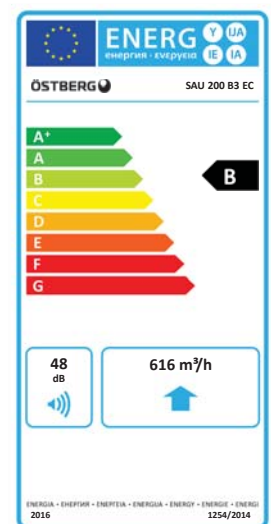
SOUND DATA (dB)

	Total (L _{wa})	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
10 V / 119 l/s									
Surrounding	53	33	42	52	45	35	33	30	28
Outlet	73	59	59	69	66	62	60	59	53
Inlet	63	52	55	61	52	44	42	42	32
9 V / 109 l/s									
Surrounding	52	30	40	51	43	34	31	29	27
Outlet	70	56	58	67	65	60	58	57	50
Inlet	61	50	53	60	50	42	41	40	30
8 V / 97 l/s									
Surrounding	52	27	39	51	41	31	28	27	27
Outlet	70	53	57	68	62	58	56	54	46
Inlet	60	47	52	59	47	40	38	37	26
7 V / 87 l/s									
Surrounding	49	26	38	48	39	29	26	26	27
Outlet	69	51	55	68	60	55	53	51	42
Inlet	61	45	48	60	44	36	35	33	20
6 V / 76 l/s									
Surrounding	46	25	35	45	35	27	24	25	27
Outlet	66	49	54	65	56	51	50	46	36
Inlet	57	43	46	56	41	34	32	30	16
5 V / 42 l/s									
Surrounding	41	23	31	39	31	26	22	25	27
Outlet	61	48	51	60	51	47	46	40	28
Inlet	55	41	44	54	38	30	28	24	11
3 V / 24 l/s									
Surrounding	34	19	27	27	23	24	21	25	27
Outlet	49	43	42	43	41	37	32	22	11
Inlet	42	37	35	37	28	20	15	10	8



TRANSFORMER STEPS

1	2	3	4	5	6	7
3V	5V	6V	7V	8V	9V	10V



SUPPLY AIR UNIT

SAU 250 B3 EC

- An insulated supply air unit with circular connections.
- Designed to provide a comfortable indoor climate with controlled heating and filtered, clean air.
- The unit has an external control unit for operating and to preset the required temperature as well as monitor the unit's status.
- Low sound level, high operating reliability and provides clean indoor air.
- Comes with Modbus communication via RS485 as standard.
- Comes complete with filter, fan, duct sensor and electrical heater as standard.

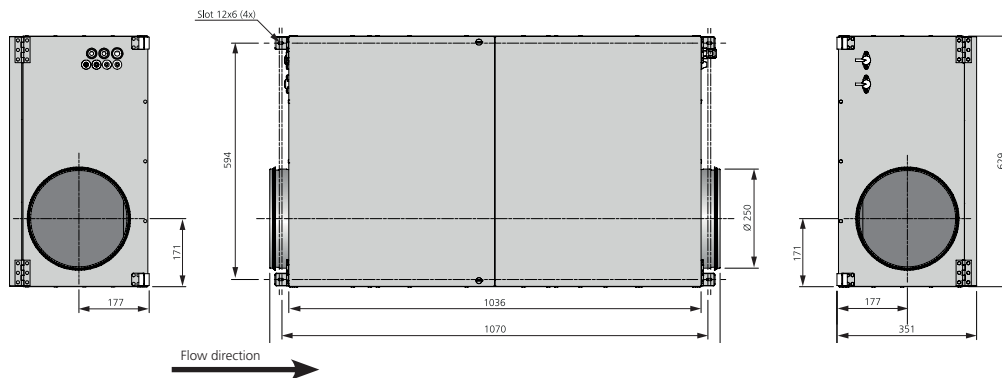
- Airflow is generated by a silent radial fan with EC motor, impeller with backward curved blades.
- The fan house and impeller is easy to clean.
- Comes with filter ISO ePM1 50% as standard. The filter is very easy to change.
- Duct connections are equipped with rubber seals.
- The unit is constructed from galvanized steel sheet and insulated with an easy to clean 30 mm fiberglass.
- For placement in warm or cold areas.

ACCESSORIES

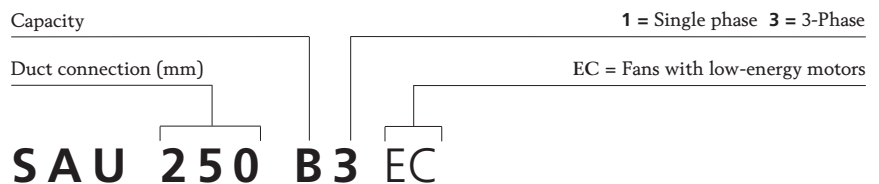
- Filter ISO ePM2.5 60%
- Remote control
- Antenna
- Control unit
- Room sensor Temp
- Carbon dioxide sensor CO2
- Humidity sensor RH
- Duct sensor
- Extension cable, antenna
- Silencer LDC 250
- Mounting clamp MK 250, simplifies connection to duct and absorbs vibrations.
- Back draught shutter RSK 250
- Safety grille BSR/BSV 250
- Louvre shutters VK 250



DIMENSIONS (mm)



Type	Art.no.
SAU 250 B3 EC	8000067





SUPPLY AIR UNIT

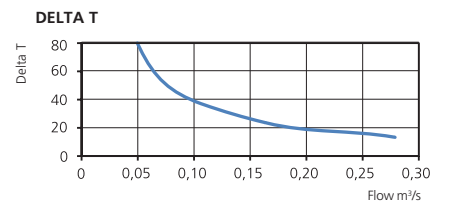
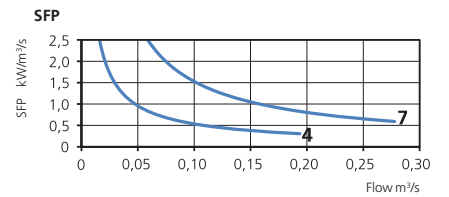
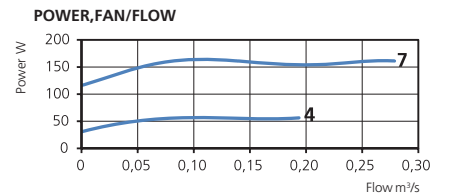
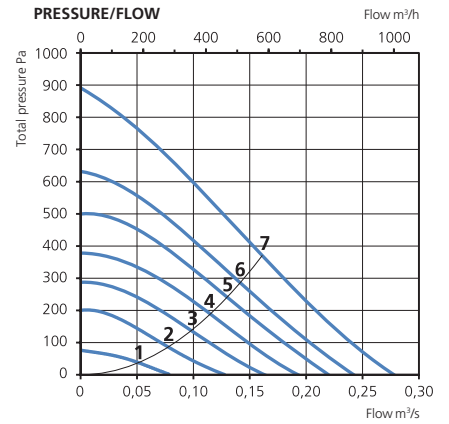
SAU 250 B3 EC

TECHNICAL DATA

SAU 250 B3 EC	
Voltage	400 V
Voltage, range	220-240 V
Frequency	50 Hz
Phase	3 ~
Total current	13.9 A
Power, fans	166 W
Power, electric heater	5000 W
Total power	5180 W
Speed	2970 rpm
Capacitor	- μ F
Max. temp of transported air	45 °C
Sound pressure level, 3 m	41 dB L _{PA}
Weight	36.1 kg
Wiring diagram	4040207

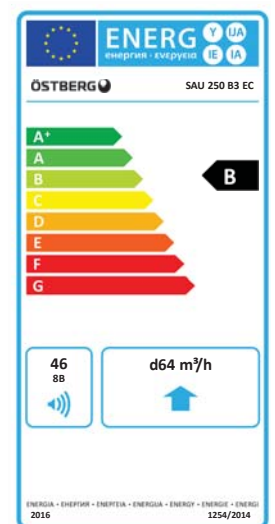
SOUND DATA (dB)

	Total (L _{wa})	63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
10 V / 161 l/s									
Surrounding	49	40	36	48	40	35	32	32	29
Outlet	70	63	56	66	61	62	58	57	50
Inlet	58	53	53	54	43	41	40	38	31
8 V / 142 l/s									
Surrounding	47	30	33	46	37	32	30	30	27
Outlet	67	51	52	64	60	59	54	54	46
Inlet	54	48	45	52	38	38	36	36	27
7 V / 132 l/s									
Surrounding	46	27	31	45	35	30	28	27	26
Outlet	65	49	50	62	58	56	52	52	42
Inlet	54	45	43	52	35	35	34	34	23
6 V / 115 l/s									
Surrounding	46	30	31	45	34	29	26	26	26
Outlet	64	45	48	62	55	52	50	48	36
Inlet	53	42	41	52	34	32	32	30	18
5 V / 98 l/s									
Surrounding	40	22	27	39	30	26	24	25	26
Outlet	58	42	45	56	49	48	46	41	29
Inlet	53	39	37	53	31	28	29	26	14
4 V / 79 l/s									
Surrounding	34	20	27	28	26	25	22	25	26
Outlet	51	40	45	46	43	42	40	32	20
Inlet	43	36	40	37	25	22	23	19	12
2 V / 52 l/s									
Surrounding	32	17	20	23	22	24	22	25	26
Outlet	42	30	37	37	33	30	24	22	14
Inlet	35	26	32	30	17	13	16	15	12



TRANSFORMER STEPS

1	2	3	4	5	6	7
2V	4V	5V	6V	7V	8V	10V



FILTER

Energy efficient air filter classes according to EN ISO 16890.

- ePM1:** Filtration efficiencies 50–95%.
Particle size up to 1 µm.
- ePM2,5:** Filtration efficiencies 50–95%.
Particle size up to 2.5 µm.
- ePM10:** Filtration efficiencies 50–95%.
Particle size up to 10 µm.
- Coarse:** Filtration efficiencies not required.
Particles all sizes.



FILTERKIT HERU® 50/90 LP AND HERU® 70 K
These compact filters ePM1 50% are used in the **HERU®LP** and **HERU®K** energy recovery units. The filter kit contains two filters, the same size for supply and exhaust air.

FILTERKIT ISO ePM1 50%	Art.no.
HERU®50/90 LP	6000279
HERU®70 K	6000280



FILTERKIT HERU® 50-250 T
These compact incinerable filters ePM1 50% are used in the **HERU®T** energy recovery units. The filter kit contains two filters.

FILTERKIT ISO ePM1 50%	Art.no.
HERU®62/65/95 T	6000275
HERU®70 T/100 T	6000276
HERU®115/113/140T	6000209
HERU®160 T	6000277
HERU®200/250 T	6000278



FILTERKIT HERU® 50-250 S
These bag filters ePM1 65% are used in the **HERU®S** energy recovery units. The filter kit contains two filters, the same size for supply and exhaust air.

FILTERKIT ISO ePM1 65%	Art.no.
HERU®50/75/100 S	6000211
HERU®130 S	6000214
HERU®180/250 S	6000218



FILTER HERU® 50-250 S
These bag filters ePM Coarse 80%, are used in the **HERU®S** energy recovery units. They are supplied individually, the same for both supply and exhaust air.

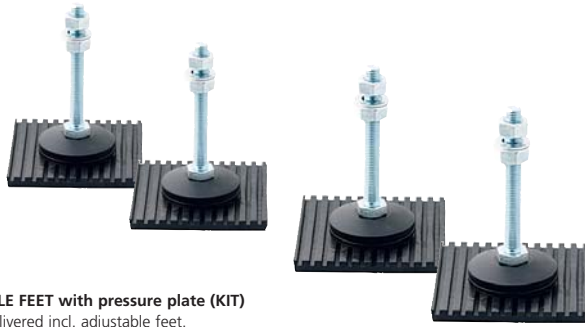
FILTER ISO ePM Coarse 80%	Art.no.
HERU®50/75/90/100S, 2 pc per unit	1250123
HERU®130S, 2 pc per unit	1250146
HERU®180/250S, 2 pc per unit	1250134



FILTER HERU® 400-1200T/S
These bag filters, are used in the **HERU®T** and **S** energy recovery units. They are supplied individually.

FILTER ISO ePM1 65%	Art.no.
HERU®400 & 600 T, 4 pc per unit	993030511
HERU®400 & 600 S, 4 pc per unit	993030063
HERU®800 & 1200 T (total 4 pc per unit) (2 for supply and 2 for exhaust air)	993030513
HERU®800 & 1200 S, 4 pc per unit	993030513

FEET



ADJUSTABLE FEET with pressure plate (KIT)

HERU® is delivered incl. adjustable feet.
Adjustable feet to balance the unit against uneven ground.
Also used for raising the unit to facilitate cleaning.
Adjustable from 20 to 100 mm.

Type	Art.no.
HERU®200/250 T (Kit 4 pc)	994060009
HERU®400/600/800/1200 T/S (Kit 8 pc)	994060010

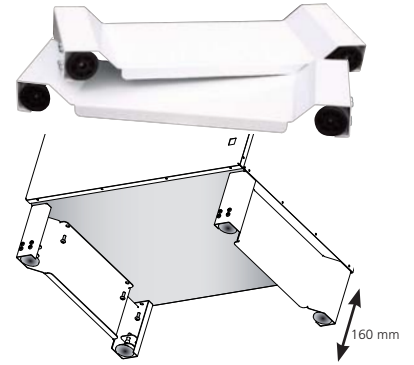
NOVIBRA MATS

NOVIBRA MATS (KIT)

Double Novibra mat with transversal grooves.
Thickness 8 mm. Excl. adjustable feet.

Type	Art.no.
HERU®200/250 T (Kit 4 pc)	994060006
HERU®400/600/800/1200 T/S (Kit 8 pc)	994060007

FLOOR STAND



FLOOR STAND HERU®T

Floor stand for HERU®T, with adjustable feet to ensure the unit remains stable even on uneven surfaces.
Easy to set up.

Type	Art no.
Floor stand HERU®160 T, white	8010400

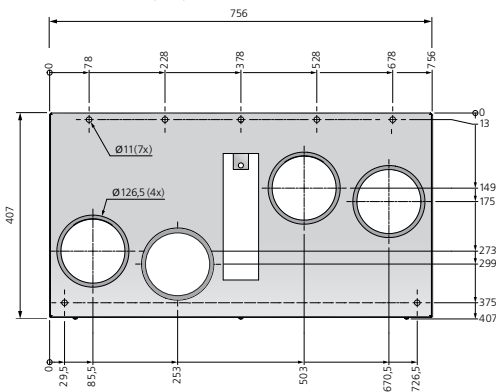
CEILING MOUNTING PLATE

CEILING MOUNTING PLATE

Use the ceiling mounting plate for a smoothly pre-assemble in the ventilation system.
It is then easy to install HERU®70 T and HERU®100 T EC on site. Only the wall plug, antenna and duct sensor need to be installed.
The ceiling mounting plate does not have a cooker hood connection.

Type	Art.no.
Ceiling mounting plate for HERU®70 T/100 T EC	8010476

DIMENSIONS (mm)



FRONT COVER

FRONT COVER

Front cover for HERU®K, plain white in sheet metal, as an option for the kitchen hatch.

Type	Art.no.
Front cover for HERU®70 K	6010542



OUTSIDE WALL HOOD

OUTSIDE WALL HOOD

The outside wall hood from Östberg is a fresh air and exhaust air diffuser for wall mounting. The outside wall hood is used to bring fresh air in from below through a wire mesh grille. The exhaust air is transported horizontally out through a wire mesh grille on the front of the outside wall hood. This design prevents short-circuiting of fresh air and exhaust air.

It also effectively prevents the evacuation of water in the fresh air. The outside wall hood is mounted on the outer wall and is reversible for right- and left-hand mounting. The outside wall hood is made of weather-resistant, powder-coated galvanized steel and is available in black or white.



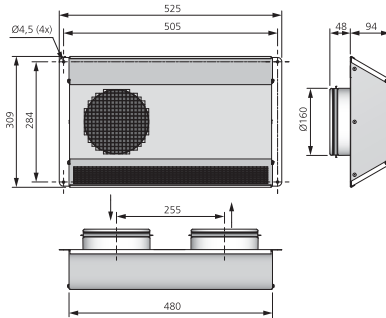
Type	Art.no.
Outside wall hood Ø 160 Black	8200101
Outside wall hood Ø 160 White	8200102
Outside wall hood Ø 200 Black	8200103
Outside wall hood Ø 200 White	8200104

TECHNICAL DATA

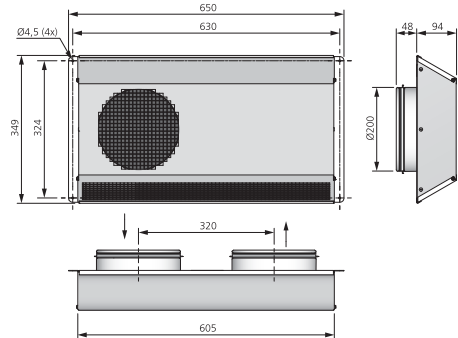
Weight	Ø 160: 3,6 kg	Ø 200: 4,7 kg
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DIMENSIONS (mm)

OUTSIDE WALL HOOD Ø 160

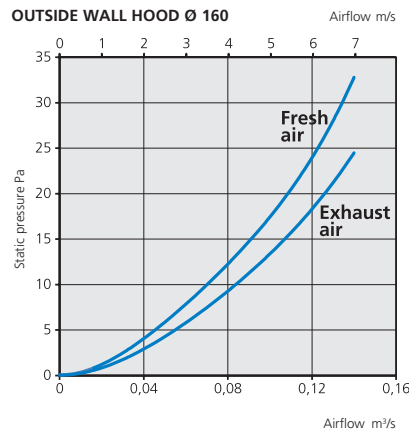


OUTSIDE WALL HOOD Ø 200

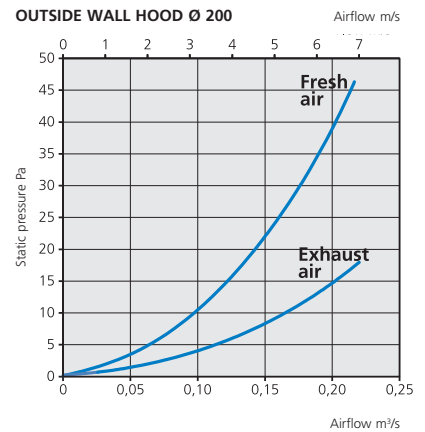


PRESSURE DROP

OUTSIDE WALL HOOD Ø 160



OUTSIDE WALL HOOD Ø 200



CONTROL KIT

CONTROL KIT: Remote Ctrl + Ctrl Board + Antenna
HERU® up to size 250 T/S is remote-controlled using the included wireless control unit (remote control), which monitors and controls the ventilation in the building. There are also a number of other needs-based and practical functions.

For easy handling, the remote control should be placed in a central location, such as in the hall. It has a range of up to 50 metres and works through walls and ceilings.

There is a Control Kit that contains a remote control, control board and antenna. These are also available as separate parts.

The control board is hardware for Modbus, but the function is disabled by default. It can be activated with a Modbus-compatible remote control, which is then synchronized with the unit and simplifies activation with the Modbus functions. All HERU® units come prepared for Modbus communication via RS485.

CONTROL FUNCTIONS

The wireless control unit is used to set all parameters for the control functions such as:

- Desired fan speed.
- Desired supply, room or extract air temperature.
- Electric heater settings.
- Time for airflow boost.
- Pressure compensation when using a wood-burning stove or open fireplace.
- Installation of weekly clock for periodic fluctuations in fan speeds.
- Summer cooling, airflow boost without heat recovery.

**INFORMATION**

The wireless control unit can provide information on current status (requires additional accessories in some cases) such as:

- Current temperature efficiency.
- Temperature of fresh, extract, exhaust and indoor air after the heat exchanger.
- Temperature in the supply air duct.
- Fan speeds.
- If the rotating heat exchanger is running.
- Heating/cooling demands.
- Carbon dioxide level/relative air humidity (if sensor is connected).
- If pressure compensation is on/off.
- If boost is on/off.
- Day and time

ALARM

Examples of alarms shown:

- Filter change.
- Error message for rotating heat exchanger.
- Low air supply temperature.
- Smoke detector triggered.
- Freeze protection for Heater kit, water triggered.

MODBUS

We have chosen Modbus communication for HERU® because it is a global standard, easy to implement in its own systems and offers many options for configuration with other systems.

Modbus offers a number of options for communication. These range from a single computer monitoring one unit, to a complete BMS system monitoring an entire building or several buildings at the same time. The MODBUS function requires Modbus remote control (additional accessory)

Type	Art.no.
Control Kit incl. remote control	
+ control board + antenna	4020452
Remote control	4020454
Remote control 3.08 incl. Modbus	4020554
Control board	4020453
Antenna 1.5 m	4020552
Extension cable for antenna 10 m	6010011

CONTROL SYSTEM: Siemens Climatix

HERU® from size 400 T/S onward is available with or without a control system. The unit can be ordered without a control system. For this option, the electricity to the fans and rotor motor is routed to a terminal block in the electrical box, requiring on-site installation by an electrician.

If you choose a unit with a control system, we offer Siemens Climatix for many functions and communication options. The control and regulation system sends prompt alarms if the unit stops and for other unforeseen events. This service-friendly solution enables stops to be rectified quickly, minimizing consequences for the occupants of the premises.

Integrated control equipment in the unit: Modbus communication, efficiency measurement and 1-3 fan speeds are standard.

CONTROL FUNCTIONS

The wireless control unit is used to set all parameters for the control functions, such as:

- Temperature regulation. The supply air temperature sensor maintains the supply air temperature through sequential regulation. The supply air setpoint is outside-temperature compensated according to the set curve.
- Extract air control/room control. The extract air temperature sensor maintains the extract air temperature through sequential regulation. The supply air temperature sensor limits the supply air temperature according to minimum and maximum settings. The extract air setpoint is outside-temperature compensated according to a set curve. If the extract air sensor is replaced with or supplemented with a room sensor, room control is achieved.
- Airflow regulation. Fixed fan speed, one to four speeds. The setpoint for one to four speeds is set using the control unit. A timing channel is used to switch between the speeds.
- Pressure regulation. Pressure regulation, supply air fan, extract air fan (VAV control) The pressure in the supply and extract air ducts is kept constant via pressure sensors and speed control of the fans.
- Air quality (CO₂) control fans. When the CO₂ sensor (room or duct sensor) exceeds the setpoint, the air volume is increased until the setpoint is reached.



- Humidity regulation (Rh) control fans. When the Rh sensor (room or duct sensor) exceeds the setpoint, the air volume is increased until the setpoint is reached.
- Rotating heat exchanger. The heat exchanger power is regulated in sequence with the heating and cooling coil rotation speed. The rotation speed and the recover rate are controlled by the heat exchanger's internal control unit.
- Efficiency measurement HEAT EXHANGER. Temperature efficiency rate is measured over the heat exchanger when the control signal is 100%.
- Electric Heater kit, water. Electrical heater power is regulated in sequence with the heat exchanger and cooling coil. Requisite control equipment for power regulation is integrated in the air heater. The electrical heater is cooled during regular stops of the unit.
- Heater kit, water. Heater kit, water power is regulated in sequence with the heat exchanger and cooling coil. The coil is supplied with a Freeze protection sensor that forces open the valve if it detects a risk of freezing. The unit then stops and keeps the coil warm during standstill.
- Cooling coil. Cooling coil power is regulated in sequence with heat recovery and Heater kit, water.
- Night cooling. The unit starts up at night to cool the premises with fresh air.

CONTROL SYSTEM SIEMENS CLIMATIX

- Cool recovery via rotating HEAT EXCHANGER. If cooling is needed and the fresh air temperature exceeds the extract air's set temperature, the recovery system will start up to cool the fresh air.
- Control using annual clock. The weekly schedule is a seven-day schedule for start/stop and for two- to four-speed operation with the option to set the unit for different weekend schedules.

OPERATING INFORMATION

Using the control unit, the following operating information can be easily read:

- The actual temperature of supply air, extract air and fresh air.
- Operating status.
- Fan status.
- Current setpoints.
- Power signals.

ALARM AND OPERATION STATUS

Displayed prominently on the control unit. The following events trigger status reports:

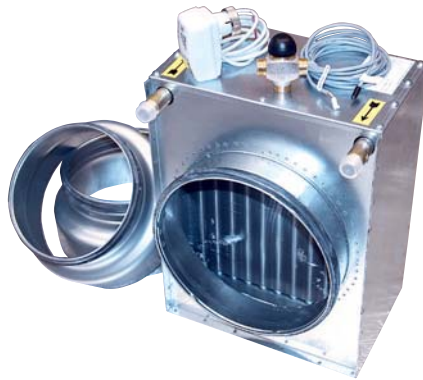
- Filter monitor. Filter monitors Supply air fan/Extract air fan. When pressure exceeds the set value for any filter monitor, an alarm will be triggered.
- Deviation from the supply air temperature's setpoint.
- Alarm from rotating heat recovery system, electrical heater, Freeze protection sensor, supply air/extract air fan, sensor error, filter monitors, external smoke/fire detectors, etc.
- The main alarm is connected to the terminal in the unit to enable further transmission.

Type	Art.no.
CLIMATIX-600 OPC licence	994020785
CLIMATIX-600 BACnet IP, Installed	999051021
CLIMATIX-600 LON, Installed	999051022
CLIMATIX-600 GSM modem, Installed	999051024
CLIMATIX-HMI-DM, ExternDisplay IP31	994020653

HEATERS

HEATER KIT, WATER FOR HERU® ≤ 250 T/S
 2 or 5 kW, incl. 2- or 3-way valve, motor and Freeze protection sensor. Duct reduction also included as needed.

Type	Art.no.
Heater Kit Water incl. 2-way valve	
2,0 kW HERU®50/75/100 S	8010305
2,0 kW HERU®62/70/90/100 T	8010306
5,0 kW HERU®130 S	8010035
5,0 kW HERU®180/250 S, 200/250 T	8010031
5,0 kW HERU®115/140/160 T	8010064
Heater Kit Water incl. 3-way valve	
2,0 kW HERU®50/75/100 S	8010403
2,0 kW HERU®62/70/90/100 T	8010404
5,0 kW HERU®130 S	8010036
5,0 kW HERU®180/250 S, 200/250 T	8010032
5,0 kW HERU®115/140/160 T	8010065

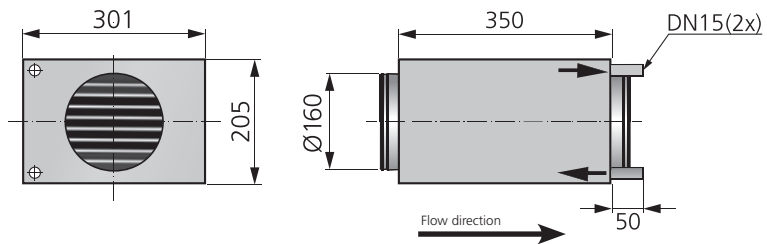


TECHNICAL DATA

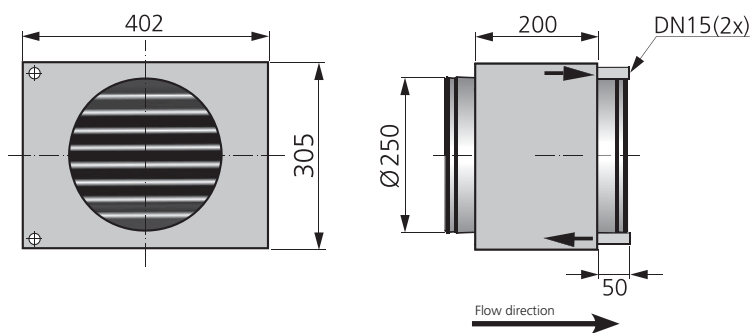
Power:	2,0	5,0	kW
Air:			
Airflow:	0,10	0,20	m³/s
Speed:	0,10	0,20	m³/s
Temp. in:	10	10	°C
Temp. out:	27,50	30,50	°C
Hot water:			
Speed:	0,026	0,10	l/s
Speed:	0,37	0,86	m/s
Temp. supply pipe:	60	60	°C
Temp. return:	40	40	°C
Pressure drop:	2,10	15,00	k Pa

DIMENSIONS (mm)

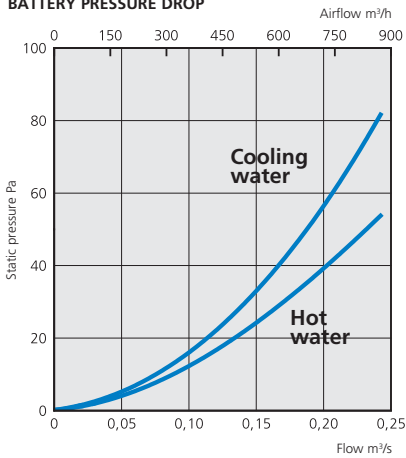
2 kW



5 kW



BATTERY PRESSURE DROP



COOLING COILS

COOLING COIL KIT FOR HERU® ≤ 250 T/S
 2,5 kW, incl. 2- or 3-way valve and actuator. Reducing sockets also included when needed.

Type	Art.no.
Cooling coil Kit incl. 2-way valve	
2,5 kW HERU®160 T	8010066
2,5 kW HERU®130 S	8010037
2,5 kW HERU®180/250S, 200/250T	8010033
Cooling coil Kit incl. 3-way valve	
2,5 kW HERU®160 T	8010067
2,5 kW HERU®130 S	8010038
2,5 kW HERU®180/250S, 200/250T	8010034

COOLING COIL FOR HERU® ≥ 400 T/S
 Cooling coil for placement in duct, with stainless steel drip plate. Circular or rectangular connection. Please contact Östberg for more information of our wide range.



RELAY PUMP CONTROL

RELAY PUMP CONTROL

Relay for pump control of heating/cooling battery.

Type	Art.no.
Relay pump control	6000195



PRESSURE SENSOR KIT

DIFFERENTIAL PRESSURE SENSORS FOR HERU® ≥ 400 T/S

QBM 68, pressure and flow for air and non-aggressive gases.

QBM 69 for flow and non-aggressive gases.

Type	Art.no.
Differential pressure sensor QBM68 1200	994020910
Differential pressure sensor QBM68 2500	994020911
Differential pressure sensor QBM68 2525	994020913
Differential Pressure sensor QBM69 2525	
+2xTemp	994020915



PRESSURE SENSOR KIT FOR HERU® ≤ 250 T/S

Consists of 2 DTL pressure sensors with hose.

DTL is a transmitter for differential pressure measurement of air and non-corrosive gases in air handling units etc.

For constant pressure control.

High level of accuracy and stability.

Quick and easy mounting.

Type	Art.no.
Pressure sensor Kit	6010067
Pressure sensor DTL310 with hose	4020032

DAMPERS

DAMPER MOTOR WITH SPRING RETURN

Overload protection and stop detector for efficient energy use. Used for shutting off and throttling dampers.

Sturdy, made entirely of metal and maintenance-free. Fits all mounting positions. Change the direction of rotation by simply turning the device.

Type	Art.no.
Damper motor 230V	1220448
Damper motor 7Nm 24VAC	993061001
Damper motor 3-pos. 10Nm 24VAC	993061004



DAMPERS

Circular and rectangular dampers with motorrack for HERU® from size 400 T/S.

Type	Art.no.
Damper Ø D315 with motor bracket	993060001
Damper Ø D400 with motor bracket	993060002
Damper Rect. 800x400 gejd/gejd	993060175
Damper Rect. 1000x300 gejd/gejd	993060013
Damper Rect. 1200x600 gejd/gejd	993060098

FLOW METERS

FOR HERU® ≥ 400 T/S

Analog or digital for measuring current flow.

Socket for flow meter is included and placed on top of the unit.

Type	Art.no.
Flow meter Digital univ. K-fac	994020619
Flow meter Analog 0-1300 Pa	994090001
U-pipe senso meters	994090001



FILTER MONITORING

FOR HERU® ≥ 400 T/S.

Accessory that help keeps control of the filter conditions in the unit.

Measuring the differential pressure over the filter for alarm, or gives information about the pressure level.

Type	Art.no.
Filter guard 300 Pa, 5 m cable	995010011
Filter guard w. Display, 5 m cable	995010014
U-pipe filter MMU, +/-500Pa	994090005

VALVE ACTUATOR

Valve actuator for HERU® ≥ 400 T/S.

To control 2-way and 3-way valves with a lift height of 5.5 mm.

Fits both cooling and heating shunts.



Type	Art.no.
Valve actuator	994030060



FOR HERU® ≥ 400 T/S

A traditionally welded pipe connection with a primary and secondary side, control valve, freeze protection antirainback valve, shutdown valves, adjustment valves and secondary pump – all in one unit. Features heat insulation with mineral wool or cold insulation with Armaflex.

SHUNT

Type	Art.no.
Water trap	994070010



Water trap

Accessory for cooling coil. Plastic water trap with float valve.

Underpressure maximum 800 Pa.

Overpressure maximum 500 Pa.

WATER TRAP

SAU ACCESSORIES

FILTER

Energy efficient air filter classes according to EN ISO 16890.

- ePM1:** Filtration efficiencies 50–95%
Particle size up to 1 µm
- ePM2,5:** Filtration efficiencies 50–95%
Particle size up to 2.5 µm
- ePM10:** Filtration efficiencies 50–95%
Particle size up to 10 µm
- Coarse:** Filtration efficiencies not required
Particles all sizes



FILTER SAU AC

These filters are used in the SAU AC supply air unit. There are three different filter classes to choose among.

Type	Art.no.
Filter ISO ePM Coarse 65% SAU 125 AC	1250117
Filter ISO ePM Coarse 80% SAU 125 AC	1250118
Filter ISO ePM1 65% SAU 125 AC	1250119
Filter ISO ePM Coarse 65% SAU 200 AC	1250120
Filter ISO ePM Coarse 80% SAU 200 AC	1250121
Filter ISO ePM1 65% SAU 200 AC	1250122
Filter ISO ePM Coarse 65% SAU 250 AC	1250135
Filter ISO ePM Coarse 80% SAU 250 AC	1250136
Filter ISO ePM1 65% SAU 250 AC	1250137



FILTER SAU EC

These filters are used in the SAU EC supply air unit. Compact incinerable filters. The unit is delivered with filter ePM1 50% as standard. Filter ePM2.5 60% is available as an accessory.

Type	Art.no.
Filter ISO ePM2.5 60% SAU 125 EC	1250237
Filter ISO ePM1 50% SAU 125 EC	1250239
Filter ISO ePM2.5 60% SAU 200 EC	1250238
Filter ISO ePM1 50% SAU 200 EC	1250240
Filter ISO ePM2.5 60% SAU 250 EC	1250241
Filter ISO ePM1 50% SAU 250 EC	1250242

FAN CONTROL UNITS

FAN CONTROL UNITS FOR SAU AC

Type	Art.no.
Single-phase fan control unit for SAU 125 and 200	6000056
3-phase fan control unit for SAU 200	6000057



CONTROL KIT

CONTROL KIT FOR SAU 250 E

Complete kit that includes 2- or 3-way valve, thermal actuator, duct sensor with attachment to sensor, room temperature regulator and transformer.

Type	Art.no.
Control Kit 2-way valve	6000149
Control Kit 3-way valve	6000124



REMOTE CONTROL



REMOTE CONTROL FOR SAU EC.

The remote control monitors and controls the ventilation in the building. There are also a number of other needs-based and practical functions.

The remote control unit is used to set all parameters for the control functions.

The remote control unit can provide information on current status (requires additional accessories in some cases).

Triggered alarms are displayed prominently.

For easy handling, the remote control should be placed in a central location, such as in the hall. It has a range of up to 50 meters and works through walls and ceilings.

If choosing the remote control, the antenna (Art.no. 4020552) is needed.

Type	Art.no.
Remote control	4020651

ANTENNA



ANTENNA

Antenna with 1.5 m cord.

The antenna should be mounted outside the unit.

The antenna should not be mounted against any metal area or metal items as this will shield the signal.

The antenna should be mounted as central as possible. This to achieve the best signal all over the house.

If needed an extension cord is available as an accessory.

Type	Art.no.
Antenna	4020552

CONTROL UNIT

CONNECTION CORD

Connection cord for the control unit, 10 m.

Type	Art.no.
Connection cord, 10 m	4020653



CONTROL UNIT FOR SAU EC.

External control unit for operating and to preset the required temperature as well as monitor the unit's status.

Different modes such as Away and Normal mode can also be scheduled.

A Led light simply shows the status of the unit.

The control unit is designed to be placed recessed on the wall.

Connection cord is needed when ordering the control unit.

The SAU EC is delivered included the external control unit and connection cord as standard.

Type	Art.no.
Control unit	4020652

OTHERS ACCESSORIES

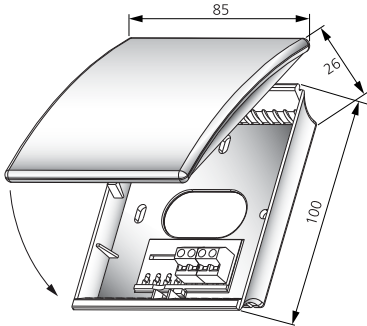
SENSORS



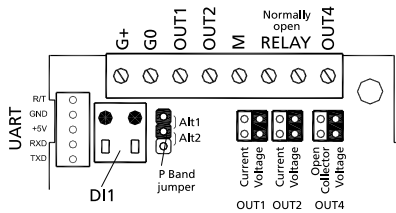
CARBON DIOXIDE SENSOR CO2

Sensor for carbon dioxide, CO₂, for installation in room. It digitally measures both CO₂ concentration and temperature in the ambient air. The data is transmitted to a BMS system or controller. According to building regulations, the fresh air flow should be at least 7 litres/sec and person in rooms occupied by humans for any length of time.

DIMENSIONS (mm)



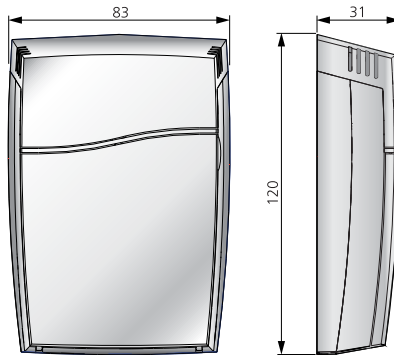
WIRING DIAGRAM



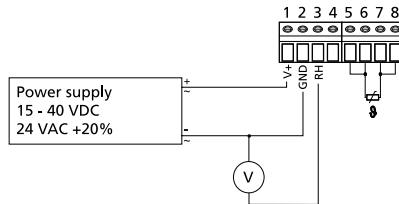
HUMIDITY SENSOR RH

Humidity sensor RH, relative humidity, for installation in room. Microprocessor controlled electronics guarantee optimal accuracy. Humidity output is 4-20 mA or 0-10 V as standard. The sensor is easy to install.

DIMENSIONS (mm)



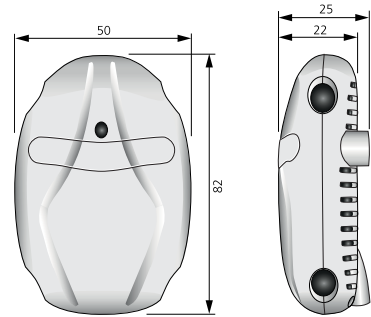
WIRING DIAGRAM



ROOM TEMPERATURE SENSOR

Temperature sensor for placement in the room. With screw terminal block attachment for optional signal cable.

DIMENSIONS (mm)



Type	Art.no.
Room sensor CO2	4020302
Room sensor CO2, HERU [®] ≥ 400 T/S	994020623
Room sensor RH	4020301
Room sensor RH, HERU [®] ≥ 400 T/S	994020621
Room sensor Temp	4020310

DUCT SENSORS

DUCT SENSORS

For measuring air temperature in ventilation ducts.

Type	Art.no.
Duct sensor 1.5 m cable	4020286
Duct sensor CO ₂ , HERU [®] ≥ 400 T/S	994020622
Duct sensor CO ₂ 200 ppm, HERU [®] ≥ 400 T/S	995010012
Duct sensor RH, HERU [®] ≥ 400 T/S	994020620
Duct sensor outdoor temp, HERU [®] ≥ 400 T/S	994040507
Duct sensor Pressure, HERU [®] ≥ 400 T/S	995010046



FREEZE PROTECTION SENSOR

FREEZE PROTECTION SENSOR

For placement on the return pipe of the heating coil.



Type	Art.no.
Freeze protection sensor	4020309

EXTENSION CABLE, ANTENNA

EXTENSION CABLE, ANTENNA 10 M.

Type	Art.no.
Extension cable for antenna, 10 m.	6010011



SILENCERS

SILENCERS

LDC is a circular silencer with lengths 600 mm or 900 mm in each size.

The silencer consists of a perforated duct inside, end caps and outer casing, all of galvanized steel.

The intervening space is filled with 50 mm stone wool insulation.

Type	Art.no.
LDC 125x600 mm	9530004
LDC 125x900 mm	9530005
LDC 160x600 mm	9530008
LDC 160x900 mm	9530009
LDC 200x600 mm	9530010
LDC 200x900 mm	9530011
LDC 250x600 mm	9530012
LDC 250x900 mm	9530013



Ø315 600 mm	993100003
Ø315 900 mm	993100004
Ø400 600 mm	993100005
Ø400 900 mm	993100006

SILENCERS LDR

LDR is a range of rectangular silencers from the size 300x150 to 1000x500 mm.

LDR is made from galvanized steel sheet.

The baffles consist of environmentally friendly sound insulation with a durable surface layer.

Type	Art.no.
LDR 300x150	9530019
LDR 400x200	9530020
LDR 500x250	9530021
LDR 500x300	9530022
LDR 600x300	9530023
LDR 600x350	9530024
LDR 700x400	9530025
LDR 800x500	9530026
LDR 1000x500	9530027

MOUNTING CLAMP MK

The fan can be connected to duct with mounting clamp MK.

The mounting clamp is made of galvanized steel sheet with a rubber seal to fit tightly and absorb vibrations.

The mounting clamp makes the fan easy to remove for cleaning and maintenance.



MOUNTING CLAMP

Type	Art.no.
Mounting clamp MK 125	9560003
Mounting clamp MK 200	9560006
Mounting clamp MK 250	9560007

BACK DRAUGHT SHUTTERS, RSK

RSK is used for circular ducts and is made from galvanized steel with spring-loaded lamina from aluminium.



BACK DRAUGHT SHUTTERS

Type	Art.no.
Back draught shutter RSK 125	9520030
Back draught shutter RSK 200	9520033
Back draught shutter RSK 250	9520034

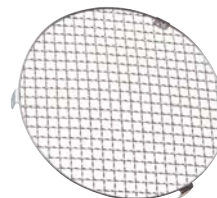
SAFETY GRILLE BSR

BSR is a safety grille with straight lugs for mounting on flat surfaces.

Should also be used on fans that are not connected to ducts to obtain insulation class IP 44.

It is manufactured from galvanized steel mesh.

Type	Art.no.
Safety grille BSR 125	9520061
Safety grille BSR 200	9520007
Safety grille BSR 250	9520010



SAFETY GRILLE BSV

BSV is a safety grille with angled lugs for mounting on ducts.

Should also be used on fans that are not connected to ducts to obtain insulation class IP 44.

BSV is manufactured from galvanized steel mesh.

Type	Art.no.
Safety grille BSV 125	9520003
Safety grille BSV 200	9520008
Safety grille BSV 250	9520011

SAFETY GRILLE

LOUVRE SHUTTERS VK

VK self-closing louvre shutters are manufactured from UV-resistant material.

They are characterized, among other things, by a very low airflow resistance.

For example 10 Pa at 4 m/s air speed, 30 Pa at 6.5 m/s and 50 Pa at 8.5 m/s.



LOUVRE SHUTTERS

Type	Art.no.
Louvre shutter VK 125	9520020
Louvre shutter VK 200	9520022
Louvre shutter VK 250	9520023