



reventon
INDUSTRIAL SOLUTIONS

ECVOLUTION

PRODUCT CATALOGUE |

A local company with global reach

REVENTON GROUP is a dynamic and rapidly growing brand with a strong reputation as a reliable supplier in the HVAC industry, both in Poland and abroad.

We operate in over 40 markets worldwide. As a family-owned business, REVENTON GROUP offers numerous advantages: a flexible and personalised approach to customers, high cost-efficiency due to a lean structure, and fast, streamlined decision-making processes.



years of experience

Behind the success of HVAC projects delivered by our customers lies the in-house know-how developed at REVENTON GROUP. From product design and engineering to rigorous testing, we combine expertise with cutting-edge production technologies to ensure the high performance and reliability of our equipment. A flat organisational structure allows us to respond swiftly and flexibly to the challenges our clients face.



manufacturer's warranty

All our products come with a full manufacturer's warranty. Thanks to strong product and component availability in our warehouses, REVENTON GROUP ensures the repair or replacement of faulty units or parts. In justified cases, a refund for the defective product under warranty may also be processed.



product availability

Efficient logistics, extensive warehouse space, and no minimum order quantities are key elements of REVENTON GROUP's operational strategy. This enables fast and reliable access to our full product range and critical spare parts, minimising delivery times and ensuring quick response to market needs.



after-sales support

Our relationship with the customer doesn't end after purchase. We offer a comprehensive range of after-sales services, including the availability of spare parts and accessories, technical consultations and training on how to use and maintain our products.



personalised approach

Our technical department provides a tailor-made, cost-effective approach to solving the unique challenges our clients face when selecting HVAC equipment. We deliver well-engineered heating, ventilation and air conditioning solutions that not only meet technical expectations but also align with the price-sensitive demands of today's competitive market.



polish product

We manufacture our devices in Poland, which allows us to maintain full independence and flexibility in our operations. Domestic production is not only a synonym for reliability and attention to detail, but also a guarantee of stable supplies. This enables REVENTON GROUP to respond instantly to market needs, offering modern HVAC solutions without the risk of long logistical delays.

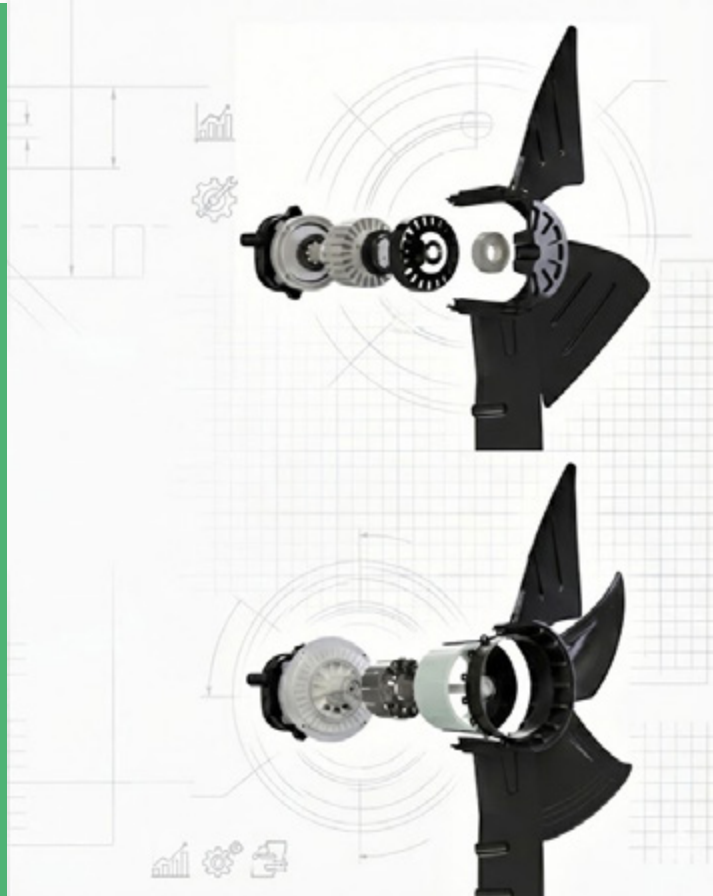
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ECVOLUTION

NEW EU REQUIREMENTS

From **24 July 2026**, the **EU ErP 2026** regulation comes into force, introducing higher energy efficiency requirements for fans used in HVAC equipment. This means that **traditional AC motors** with a power output **above 125 W** must be replaced by **more advanced EC (electronically commutated) motors**, which offer higher efficiency and comply with the new **standards**.



For distributors:

Equipment purchased (with an invoice date) **before the new regulations** come into force **may be resold and installed indefinitely without any restrictions**.

For fans integrated into products, a one-year transitional period applies **until 23 July 2027**.

LEGEND

AVAILABLE UNTIL 23.07.2027 Products will not be available for purchase after this date

NEW MOTOR (ErP 2026) Motor compliant with the ErP 2026 regulation

REMAINS IN THE OFFER These products will remain in our offer indefinitely

● AVAILABLE UNTIL 23.07.2027

↑ NEW MOTOR (ERP 2026)

✓ REMAINS IN THE OFFER



Unit heaters

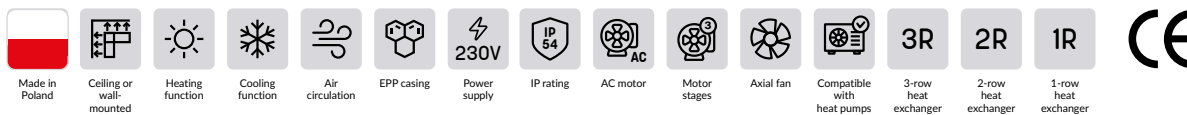
LPHW unit heater

HC-3S

HEATING CAPACITY RANGE: **1,55 kW - 91,5 kW**



Technical
documentation



The HC-3S unit heaters are hot water fan heaters designed for use in industrial or commercial facilities. They must be supplied with a flow of low-pressure hot water to allow heat transfer from the exchanger to the designated area. The unit can also be supplied with cold water to chill the air within the facility.

KEY FEATURES

- Heating capacity ranges from 1,55 kW to 91,5 kW
- Cooling capacity ranges from 2,6 kW to 35 kW
- Airflow ranges from 850 m³/h to 5 000 m³/h
- 3-stage fan speed control
- AC induction motor with an IP54 rating
- EPP housing
- ABS air louvres (optional 360° diffuser or confusor versions)
- Manufactured in Poland

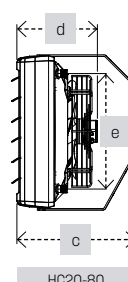
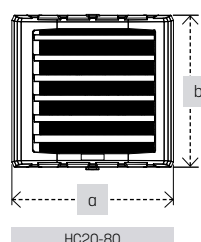
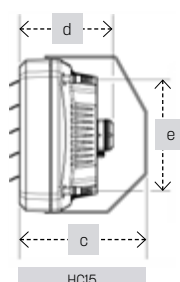
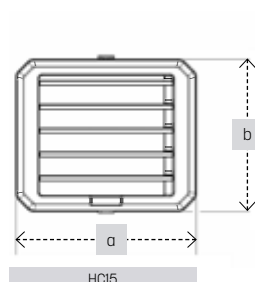


REMAINS IN THE OFFER



AVAILABLE UNTIL 23.07.2027

	PRODUCT NAME	PRODUCT CODE	HEATING CAPACITY RANGE	COOLING CAPACITY RANGE	MAXIMUM AIRFLOW	VOLTAGE / FREQUENCY	MOTOR POWER	NET WEIGHT	NOISE LEVEL
			kW	kW	m³/h 3 stage 2 stage 1 stage		W 3 stage 2 stage 1 stage	kg	dB 3 stage 2 stage 1 stage
✓	HC15-3S	WHHC15-3S-2402	1,79 - 23,3	2,7 - 7,5	1 500 1 000 850	230/50	80 48 45	10	53 47 45
●	HC20-3S	WHHC20-3S-1759	1,55 - 28,4	2,6 - 5,4	3 200 2 150 1 350	230/50	185 140 120	12,5	57 55 49
●	HC30-3S	WHHC30-3S-1760	1,8 - 34,9	3,2 - 11,8	3 100 1 950 1 250	230/50	190 150 120	12,5	57 55 49
●	HC35-3S	WHHC35-3S-1761	2,14 - 40,1	3,9 - 13,9	2 700 1 700 1 100	230/50	190 150 120	14	56 54 48
●	HC45-3S	WHHC45-3S-1762	3,21 - 55,6	6,2 - 18,6	2 500 1 450 950	230/50	190 140 120	14	56 54 48
●	HC50-3S	WHHC50-3S-2006	5,00 - 65,8	7,4 - 22,2	5 000 4 200 2 600	230/50	455 350 280	20,5	66 60 54
●	HC70-3S	WHHC70-3S-1764	5,00 - 80,1	9,1 - 30,5	3 400 1 900 1 450	230/50	240 190 160	20	58 53 49
●	HC80-3S	WHHC80-3S-1956	6,96 - 91,5	10,3 - 35	4 200 3 500 2 300	230/50	480 350 280	22,5	65 59 53



HC 15-3S

a. 570 mm
b. 480 mm
c. 401 mm
d. 350±3 mm
e. 295 mm

HC 20-45-3S

a. 635 mm
b. 600 mm
c. 465 mm
d. 320 mm
e. 455±3 mm

HC 50-80-3S

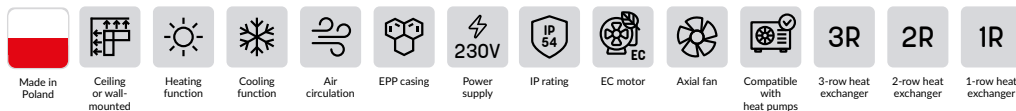
a. 739 mm
b. 699 mm
c. 532 mm
d. 345 mm
e. 550±3 mm



Technical
documentation

LPHW unit heater HC-EC

HEATING CAPACITY RANGE: **1,97 kW - 88,9 kW**



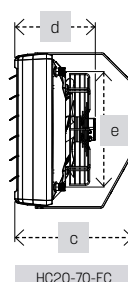
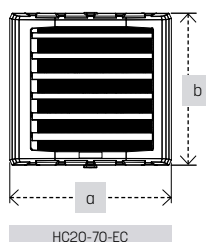
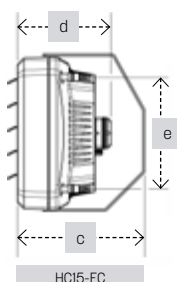
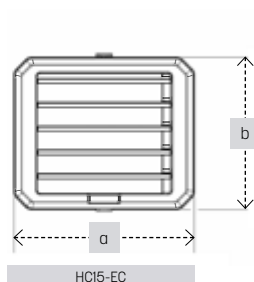
The HC-EC low-pressure hot water unit heaters are designed for heating and cooling industrial and commercial spaces, such as production halls, warehouses, workshops and service areas. The units must be supplied with a flow of low-pressure hot water to allow heat transfer from the exchanger to the designated area. They can also be supplied with cold water to lower the temperature in the facility, or simply circulate the air. The devices combine high-efficiency and energy-saving EC motor technology.

KEY FEATURES

- Heating capacity ranges from 1,97 kW to 88,9 kW
- Cooling capacity ranges from 1,9 kW to 20,1 kW
- Airflow ranges to 4 800 m³/h
- Energy-efficient EC motor with 0-100% speed control
- Motor with an IP54 rating
- EPP housing
- ABS air louvres (optional 360° diffuser or confusor versions)
- Manufactured in Poland



	PRODUCT NAME	PRODUCT CODE	HEATING CAPACITY RANGE kW	COOLING CAPACITY RANGE kW	MAXIMUM AIRFLOW m ³ /h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
✓	HC15-EC	WHHC15-EC-2424	2,00 - 28,2	3,2 - 8,6	2 000	230/50	150	8,5	63
✓	HC20-EC	WHHC20-EC-1985	1,97 - 33,7	1,9 - 4,6	4 600	230/50	500	13	60
✓	HC30-EC	WHHC30-EC-1986	2,36 - 41,5	2,4 - 6,1	4 300	230/50	500	13	59
✓	HC35-EC	WHHC35-EC-1987	2,88 - 49,0	3,5 - 7,7	4 000	230/50	500	14,5	58
✓	HC45-EC	WHHC45-EC-1988	4,54 - 66,7	7,3 - 12,1	3 400	230/50	500	14,5	58
✓	HC50-EC	WHHC50-EC-1989	4,36 - 64,1	6,0 - 10,6	4 800	230/50	430	20	59
✓	HC70-EC	WHHC70-EC-1990	5,93 - 88,9	9,0 - 20,1	4 000	230/50	430	21	58



HC 15-EC
a. 570 mm
b. 480 mm
c. 401 mm
d. 295 mm
e. 350±3 mm

HC 20-45-EC
a. 635 mm
b. 600 mm
c. 465 mm
d. 320 mm
e. 455±3 mm

HC 50-70-EC
a. 739 mm
b. 699 mm
c. 532 mm
d. 345 mm
e. 550±3 mm

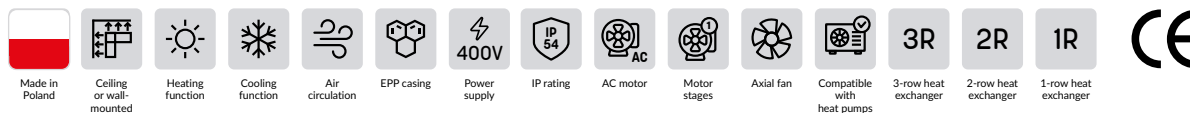
LPHW unit heater

HC3P

HEATING CAPACITY RANGE: **2,36 kW - 80,1 kW**



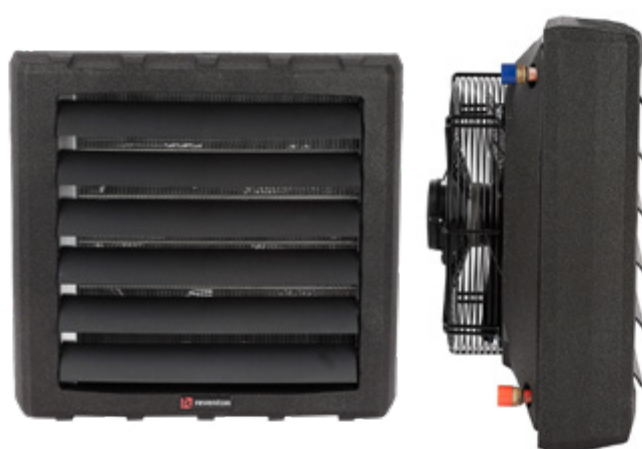
Technical
documentation



The HC3P low-pressure hot water unit heaters are 3-phase fan heaters designed for heating large volume facilities, such as industrial halls, commercial buildings and warehouses. These units circulate the air through a heat exchanger supplied with low-pressure hot water for heating or with cold water for cooling purposes.

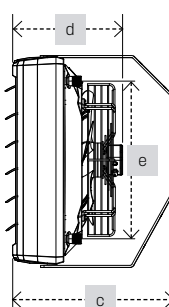
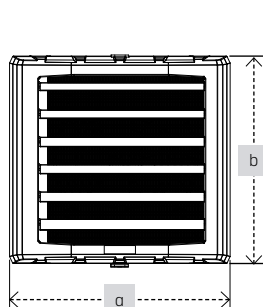
KEY FEATURES

- Heating capacity ranges from 2.36 kW to 80.1 kW
- Cooling capacity ranges from 2.6 kW to 30.5 kW
- Airflow ranges from 2 500 m³/h to 4 000 m³/h
- 3-phase AC motor (400 V) with an IP54 rating
- EPP housing
- ABS air louvres (optional 360° diffuser or confuser versions)
- Manufactured in Poland



● AVAILABLE UNTIL 23.07.2027

PRODUCT NAME	PRODUCT CODE	HEATING CAPACITY RANGE kW	COOLING CAPACITY RANGE kW	MAXIMUM AIRFLOW m³/h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
● HC3P 20	WHHC3P20-1514	2,36 - 28,4	2,6 - 5,4	3 200	400/50	180	12,5	55
● HC3P 30	WHHC3P30-1626	2,84 - 34,9	3,2 - 11,8	3 100	400/50	180	13	55
● HC3P 35	WHHC3P35-1515	3,51 - 40,1	3,9 - 13,9	2 700	400/50	180	14	54
● HC3P 45	WHHC3P45-1627	6,02 - 55,6	6,2 - 18,6	2 500	400/50	180	14,5	54
● HC3P 50	WHHC3P50-1516	6,23 - 58,5	6,6 - 22,4	4 000	400/50	250	20,5	59
● HC3P 70	WHHC3P70-1517	8,78 - 80,1	9,1 - 30,5	3 400	400/50	250	21	58



HC3P 20-45

a. 635 mm
b. 600 mm
c. 465 mm
d. 325 mm
e. 455±3 mm

HC3P 50-70

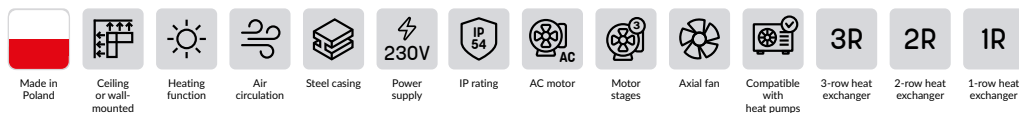
a. 739 mm
b. 699 mm
c. 532 mm
d. 345 mm
e. 550±3 mm



Technical
documentation

LPHW unit heater S-3S

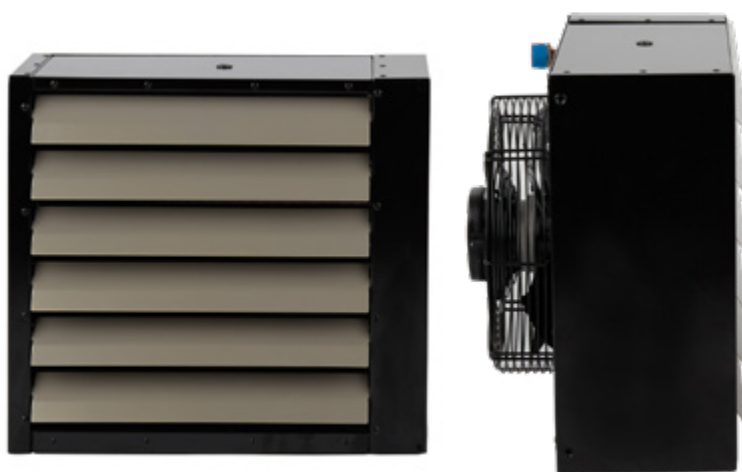
HEATING CAPACITY RANGE: **1,57 kW - 66,2 kW**



The S-3S low-pressure hot water unit heaters are built for heating commercial, production and storage facilities. The LPHW unit heater features a powder-coated galvanised steel housing with manually adjustable galvanised steel air louvres.

KEY FEATURES

- Heating capacity ranges from 1,57 kW to 66,2 kW
- Airflow ranges from 700 m³/h to 3 350 m³/h
- 3-stage fan speed control
- AC induction motor with an IP54 rating
- Powder-coated galvanised steel housing (RAL 9005), with adjustable air louvres (RAL 7048)
- Manufactured in Poland

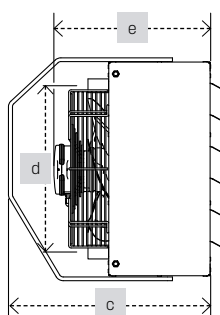
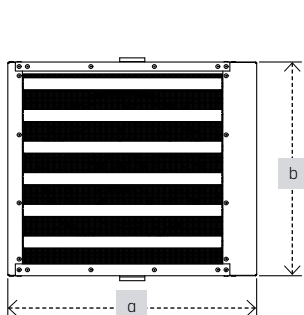


REMAINS IN THE OFFER



AVAILABLE UNTIL 23.07.2027

	PRODUCT NAME	PRODUCT CODE	HEATING CAPACITY RANGE	MAXIMUM AIRFLOW	VOLTAGE / FREQUENCY	MOTOR POWER	NET WEIGHT	NOISE LEVEL
			kW	m ³ /h 3 stage 2 stage 1 stage	V/Hz	W 3 stage 2 stage 1 stage	kg	dB 3 stage 2 stage 1 stage
✓	S1-3S	WHS1-3S-1789	1,57 - 19,5	1 400 1 150 900	230/50	75 45 35	12,5	51 45 43
●	S2-3S	WHS2-3S-1790	2,1 - 30,8	2 000 1 100 900	230/50	124 85 75	19	54 48 46
●	S3-3S	WHS3-3S-1791	2,92 - 48,8	1 800 850 700	230/50	124 85 75	20	53 47 45
●	S4-3S	WHS4-3S-1787	4,17 - 66,2	3 350 2 250 1 400	230/50	185 140 90	25	56 50 48



S1-3S

a. 496 mm
b. 450 mm
c. 403 mm
d. 350±3 mm
e. 312,5 mm

S2-3S/S3-3S

a. 546 mm
b. 550 mm
c. 480 mm
d. 450±3 mm
e. 367 mm

S4-3S

a. 696 mm
b. 660 mm
c. 549 mm
d. 560±3 mm
e. 375 mm

LPHW unit heater

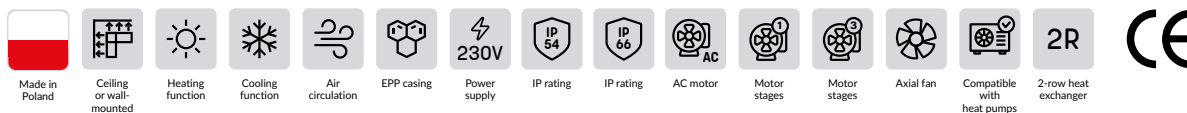
FARMER HCF

HEATING CAPACITY RANGE: **3,87 kW - 66,2 kW**



Technical
documentation

FOR AGRO



The FARMER HCF low pressure hot water unit heaters are designed for the agricultural industry where the environment is aggressive due to high levels of dust, acids or ammonia. Built with a highly durable EPP casing, corrosion-resistant components and epoxy-coated heat exchangers for demanding facilities like cattle sheds, swine barns, stables, greenhouses, etc. They can operate with both hot and cold water as the transfer medium, offering heating and cooling functionalities.

KEY FEATURES

- Heating capacity ranges from 3,87 kW to 58,5 kW (IP54)
- Heating capacity ranges from 7,01 kW to 66,2 kW (IP66)
- Cooling capacity ranges from 6,6 kW to 22,4 kW (IP54)
- Cooling capacity ranges from 7,4 kW to 22,2 kW (IP66)
- Epoxy-coated heat exchanger
- Available in IP54 (3-stage AC motor) and IP66 (1-stage AC motor) variants
- Airflow ranges from 1 700 m³/h to 5 000 m³/h
- EPP housing
- ABS air louvres (optional 360° diffuser or confuser versions)
- Manufactured in Poland



REMAINS IN THE OFFER

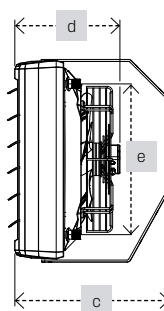
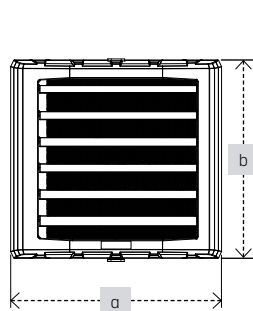


AVAILABLE UNTIL 23.07.2027



NEW MOTOR (ERP 2026)

PRODUCT NAME	PRODUCT CODE	HEATING CAPACITY RANGE kW	COOLING CAPACITY RANGE kW	MAXIMUM AIRFLOW m³/h 3 stage 2 stage 1 stage	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W 3 stage 2 stage 1 stage	NET WEIGHT kg	NOISE LEVEL dB 3 stage 2 stage 1 stage
✓ FARMER HCF IP54-EC	HCFE-50EC-2534	4,40 - 64,10	6,9 - 41,5	4 800	230/50	430	20	59
● ↑ FARMER HCF IP54-3S	WHHCFR47-3S-1765	3,87 - 58,5	6,6 - 22,4	4 000 2 400 1 750	230/50	240 190 160	17,5	59 54 50
● ↑ FARMER HCF IP66	WHHCF53-1527	7,01 - 66,2	7,4 - 22,2	5 000	230/50	560	20	63



FARMER HCF IP50-EC

a. 739 mm
b. 699 mm
c. 532 mm
d. 550±3 mm
e. 345 mm

FARMER HCF IP54-3S

a. 739 mm
b. 699 mm
c. 532 mm
d. 550±3 mm
e. 345 mm

FARMER HCF IP66

a. 739 mm
b. 699 mm
c. 532 mm
d. 550±3 mm
e. 430 mm

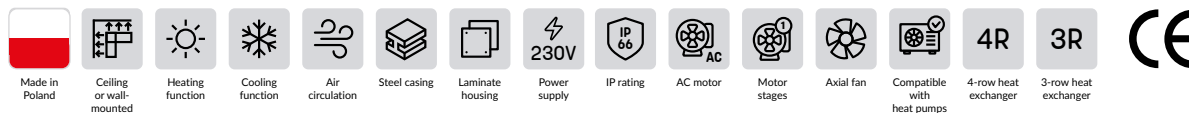


Technical
documentation

LPHW unit heater **FARMER OpenAir**

HEATING CAPACITY RANGE: **7,5 kW - 88,1 kW**

FOR AGRO



The FARMER OpenAir unit heaters are designed for industrial indoor spaces with aggressive environmental conditions, such as high humidity, acidic vapours, ammonia or dusty areas. The FARMER OpenAir hot water fan heaters operate using a low-pressure hot water supply and can optionally be used for air cooling. The devices are IP66-rated, ensuring dust and water resistance. Perfect for cattle sheds, swine barns, stables, greenhouses, etc.

KEY FEATURES

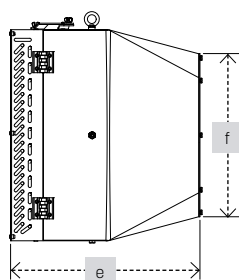
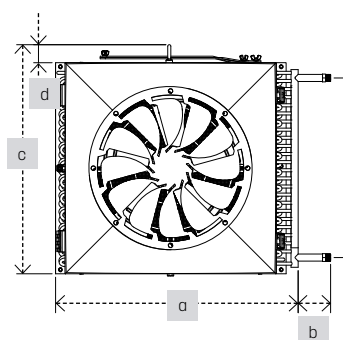
- Heating capacity ranges from 7,5 kW to 88,1 kW
- Cooling capacity ranges from 7,6 kW to 22,7 kW
- Corrosion-resistant, epoxy-coated heat exchanger
- Airflow ranges from 4 500 m³/h to 5 100 m³/h
- AC induction motor with an IP66 rating
- Laminate housing covered with gelcoat, reinforced with an aluminium frame
- Diffuser made of powder-coated galvanised steel (standard 360° or horizontal version)
- Manufactured in Poland



● AVAILABLE UNTIL 23.07.2027

↑ NEW MOTOR (ERP 2026)

PRODUCT NAME	PRODUCT CODE	HEATING CAPACITY RANGE kW	COOLING CAPACITY RANGE kW	MAXIMUM AIRFLOW m ³ /h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
 FARMER OpenAir IP66	WHHCFO-2042	7,5 - 71,6	7,6 - 18,1	5 100	230/50	500	46	66
 FARMER OpenAir XL IP66	WHHCOXL-2445	9,9 - 88,1	9,9 - 22,7	4 500	230/50	500	49	66



FARMER OpenAir IP66

a. 747 mm
b. 100 mm
c. 695 mm
d. 45 mm
e. 590 mm
f. 502,5 mm

FARMER OpenAir XL IP66

a. 747 mm
b. 100 mm
c. 695 mm
d. 45 mm
e. 610 mm
f. 502,5 mm

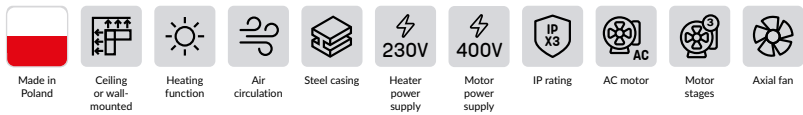
Electric unit heater

EHU-3S

HEATING CAPACITY: **7 kW or 14 kW**



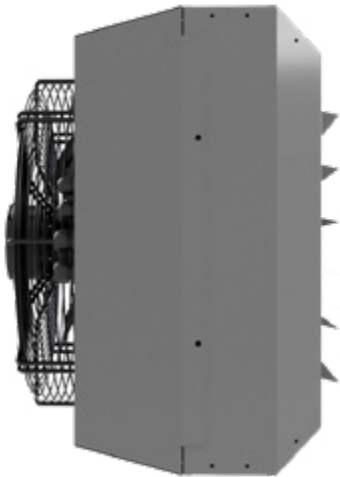
Technical
documentation



The EHU-3S electric heater is a professional heating solution for demanding industrial facilities such as production halls, warehouses, factories and stores. It’s a perfect choice when no water or gas infrastructure is present. The unit heater can be installed in limited spaces or where heating needs to be directed from above.

KEY FEATURES

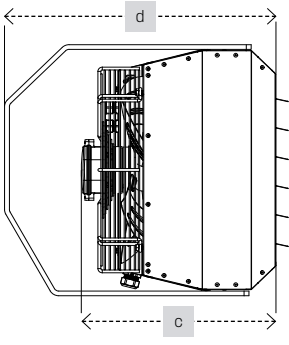
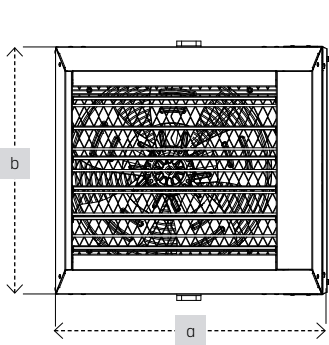
- Airflow ranges from 1 200 m³/h up to 3 000 m³/h
- Powder-coated carbon steel housing
- Self-regulating PTC heating element
- 2 heating levels: 7 kW or 14 kW
- AC induction motor with an IP54 rating
- 3-stage fan speed control
- Manufactured in Poland



● AVAILABLE UNTIL 23.07.2027

↑ NEW MOTOR (ERP 2026)

PRODUCT NAME	PRODUCT CODE	HEATING LEVEL	MAXIMUM AIRFLOW	PTC HEATER VOLTAGE/ FREQUENCY	MOTOR POWER	NET WEIGHT	NOISE LEVEL
		kW	m³/h 3 stage 2 stage 1 stage	V/Hz	W	kg	dB 3 stage 2 stage 1 stage
EHU 14-3S	EL 14-3S-2503	7 14	3 000 2 000 1 200	400/50	185 150 90	25	57 55 49



EHU 14-3S
a. 565 mm
b. 515 mm
c. 399 mm
d. 555 mm

CONTROLLERS AND AUTOMATION

Controllers, speed controllers, and automation devices compatible with unit heaters

LPHW unit heaters HC-3S									
PRODUCT NAME	PRODUCT CODE	HC15-3S	HC20-3S	HC30-3S	HC35-3S	HC45-3S	HC50-3S	HC70-3S	HC80-3S
3-stage speed controller with thermostat HC3S	RTHC3S-1779	8	3	3	3	3	1	2	1
Programmable controller HMI BMS	PCHMI-1797	13	6	6	6	6	2	4	2
Programmable controller HMI Wi-Fi	PCHMI-WIFI-2301	13	6	6	6	6	2	4	2
Surface-mounted box HMI	BHMI-2452	1	1	1	1	1	1	1	1
Manual thermostat HC	RTHC-1523	8	3	3	3	3	1	2	1
Manual thermostat IP54	MT54-2341	13	6	6	6	6	2	4	2
Fan speed controller HC 1,2A	FSHC-1520	3	1	1	1	1	-	1	-
Fan speed controller HC 3A	FS3HC-2104	8	3	3	3	3	1	2	1
Fan speed controller HC 5A	FS5HC-1607	13	6	6	6	6	2	4	2
Fan speed controller HC 7A	FS7HC-1608	19	8	8	8	8	3	6	3
Fan speed controller HC 14A	FS14HC-1610	38	17	17	17	17	6	12	6
Relay module RM-16A	RM16A-2343	44	19	19	19	19	7	14	7
Two-way valve with actuator HC 3/4"	VAHC-1524	1	1	1	1	1	1	1	1
Three-way valve with actuator HC 3/4"	VAHC3-1998	1	1	1	1	1	1	1	1

LPHW unit heaters HC-EC								
PRODUCT NAME	PRODUCT CODE	HC15-EC	HC20-EC	HC30-EC	HC35-EC	HC45-EC	HC50-EC	HC70-EC
EC potentiometer	PEC-2444	1	1	1	1	1	1	1
Programmable controller HMI EC BMS	HMIEC-1997	8	8	8	8	8	8	8
Surface-mounted box HMI	BHMI-2452	1	1	1	1	1	1	1
Manual thermostat HC	RTHC-1523	2	*4 with RM-16A	*4 with RM-16A	*4 with RM-16A	*4 with RM-16A	1	1
Manual thermostat IP54	MT54-2341	3	1	1	1	1	1	1
Two-way valve with actuator HC 3/4"	VAHC-1524	1	1	1	1	1	1	1
Three-way valve with actuator HC 3/4"	VAHC3-1998	1	1	1	1	1	1	1
Maintenance switch MS 230V	MS230-2419	15	6	6	6	6	6	6

LPHW unit heaters HC3P							
PRODUCT NAME	PRODUCT CODE	HC3P 20	HC3P 30	HC3P 35	HC3P 45	HC3P 50	HC3P 70
Maintenance switch MS 400V	MS400-2420	42	42	42	42	36	36

LPHW unit heaters S-3S					
PRODUCT NAME	PRODUCT CODE	S1-3S	S2-3S	S3-3S	S4-3S
3-stage speed controller with thermostat HC3S	RTHC3S-1779	7	5	5	3
Programmable controller HMI BMS	PCHMI-1797	13	8	8	6
Programmable controller HMI Wi-Fi	PCHMI-WIFI-2301	13	8	8	6
Surface-mounted box HMI	BHMI-2452	1	1	1	1
Manual thermostat HC	RTHC-1523	7	5	5	3
Manual thermostat IP54	MT54-2341	13	13	13	6
Fan speed controller HC 1,2A	FSHC-1520	3	2	2	1
Fan speed controller HC 3A	FS3HC-2104	7	5	5	3
Fan speed controller HC 5A	FS5HC-1607	13	8	8	6
Fan speed controller HC 7A	FS7HC-1608	18	12	12	8
Fan speed controller HC 14A	FS14HC-1610	36	24	24	17
Relay module RM-16A	RM16A-2343	42	27	27	19
Two-way valve with actuator HC 3/4"	VAHC-1524	1	1	1	1
Three-way valve with actuator HC 3/4"	VAHC3-1998	1	1	1	1
Maintenance switch MS 230V	MS230-2419	52	34	34	24

LPHW unit heaters FARMER						
PRODUCT NAME	PRODUCT CODE	FARMER HCF IP54	FARMER HCF IP66	FARMER HCF IP54 EC	FARMER OPENAIR	FARMER OPENAIR XL
3-stage speed controller with thermostat HC3S	RTHC3S-1779	2				
Programmable controller HMI BMS	PCHMI-1797	4				
Programmable controller HMI Wi-Fi	PCHMI-WIFI-2301	4				
Programmable controller HMI SINGLE BMS	HMI-SIN-2021		2		2	2
Manual thermostat HC	RTHC-1523	2	1		1	1
Manual thermostat IP54	MT54-2341	4	2		2	2
Fan speed controller HC 1,2A	FSHC-1520	1				
Fan speed controller HC 3A	FS3HC-2104	2	1			
Fan speed controller HC 5A	FS5HC-1607	4	2			
Fan speed controller HC 7A	FS7HC-1608	6	2			
Fan speed controller HC 14A	FS14HC-1610	12	5			
Relay module RM-16A	RM16A-2343	14	6		7	7
Two-way valve with actuator HC 3/4"	VAHC-1524	1	1		1	1
Three-way valve with actuator HC 3/4"	VAHC3-1998	1	1		1	1
Maintenance switch MS 230V	MS230-2419	18	8		9	9
Fan speed controller FARMER 3A	FS3FARMER-2523				1	1
Potentiometer EC	PEC-2444	1	1	1	1	1
Programmable controller HMI EC BMS	HMIEC-1997	8	8	8	8	8

Electric unit heater EHU-3S		
PRODUCT NAME	PRODUCT CODE	EHU 14-3S
Programmable controller HMI VOLT BMS	HMI-VOLTBMS-2502	10
Surface-mounted box HMI	PCHMI-1797	1

ACCESSORIES

PRODUCT NAME	PRODUCT CODE	HC-3S	HC-EC	HC3P	S-3S	EHU-3S	FARMER HCF	FARMER OPENAIR
Mixing chamber MC HC20-45	MCHC2045-1782	•	•					
Mixing chamber MC HC50-80	MCHC5080-2016	•	•				•	
Confusor		•	•	•			•	
Rotating mounting bracket FARMER OpenAir	RHFO-2044							•
Rotating mounting bracket EHU 14	RHHU14-2504					•		
Rotating mounting bracket HC15	RHHC15-2429	•	•					
Rotating mounting bracket HC20-45	RHHC2045-1518	•	•	•				
Rotating mounting bracket HC50-80	RHHC5080-2015	•	•	•			•	
Rotating mounting bracket S1	RHS1-1755				•			
Rotating mounting bracket S2, S3	RHS2S3-1756				•			
Rotating mounting bracket S4	RHS4-1757				•			
Diffuser 360°		•	•	•			•	
Horizontal diffuser	HDFO-2045							•
HC 3/4" flexible hoses (2pcs)	FHHC-1525	•	•	•	•		•	•
Drip tray HC15	DTFHC15-2428	•	•					
Drip tray HC20-45	DTFWHHC2045	•	•	•				
Drip tray HC50-80	DTFWHHC5080	•	•	•			•	
Drip tray FARMER OpenAir	DTFOA-2449							•
Mounting brackets S-3S	HS1234F-1754				•			
Z type suspension bracket	SB-2029	•	•	•	•	•	•	•

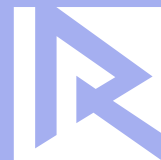
NEW GENERATION

INVISIBLE WALL. REAL PROTECTION.

AIR CURTAINS



COMING SOON



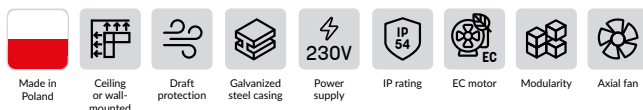
Air curtains

Industrial air curtain **HUMMER** ambient

EFFECTIVE RANGE: **8M**



Technical
documentation



The HUMMER air curtain series is designed for industrial doors especially in areas such as warehouses, production halls and garages. They prevent heat loss in winter and protect from dust, insects and warm air in summer.

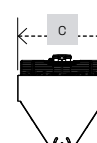
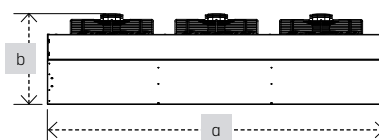
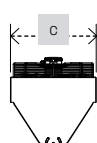
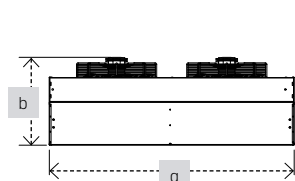
KEY FEATURES

- Ambient unit
- Airflow ranges from to 14 500 m³/h
- Effective curtain range up to 8 m
- Energy-efficient EC motor (EC models)
- Motor with an IP54 rating
- Powder-coated galvanised steel housing
- Suitable for both horizontal and vertical installation
- Possible multiple units connection
- The set contains a mounting kit



✓ REMAINS IN THE OFFER

	PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m ³ /h	CURTAIN RANGE m	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
✓	HUMMER 150C-EC	ACH150C-EC-2353	10 100	7	860	41	67
✓	HUMMER 200C-EC	ACH200C-EC-2354	14 500	8	1 290	58	70



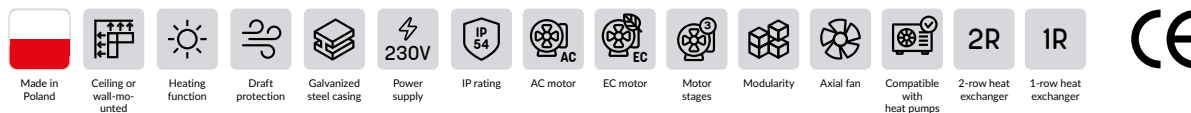
Hummer 150	Hummer 200
a. 1505 ±3 mm	a. 2000±3 mm
b. 540 mm	b. 540 mm
c. 522 mm	c. 522 mm



Technical
documentation

Industrial air curtain **HUMMER** water coil series

HEATING CAPACITY RANGE: **3,9 kW - 118,5 kW**



The HUMMER air curtain series is designed to prevent unwanted heat loss during winter and protect against dust, insects and hot air infiltration during summer. It is commonly used for industrial doors in buildings such as warehouses, workshops and production halls. The unit is equipped with a water-based heat exchanger that utilises hot water from the building's central heating system to warm the passing air.

KEY FEATURES

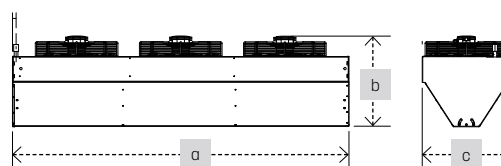
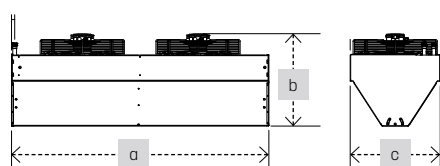
- Hot water coil
- Heating capacity ranges from 3,9 kW to 118,5 kW
- Airflow ranges from 4 000 m³/h to 12 400 m³/h
- Effective curtain range up to 7,5 m
- 3-stage AC induction motor (IP models) or energy-efficient EC motor (EC models)
- Motor with an IP54 rating
- Powder-coated galvanised steel housing
- Suitable for both horizontal and vertical installation
- Possible multiple units connection
- The set contains a mounting kit



● AVAILABLE UNTIL 23.07.2027

✓ REMAINS IN THE OFFER

	PRODUCT NAME	PRODUCT CODE	HEATING CAPACITY RANGE	MAXIMUM AIRFLOW	CURTAIN RANGE	MOTOR POWER	NET WEIGHT	NOISE LEVEL
			kW	m ³ /h 3 stage 2 stage 1 stage	m 3 stage 2 stage 1 stage	W 3 stage 2 stage 1 stage		
●	HUMMER 150W-1P	ACH150W-2001	3,9 - 40,5	6 500 5 500 4 000	6,5 6,0 5,5	480 380 320	51	66
●	HUMMER 200W-1P	ACH200W-2002	4,2 - 52,4	8 500 7 000 5 500	7,0 6,5 6,0	720 570 480	70	69
●	HUMMER 150W-1P 2R	ACH150W2R-2304	8,9 - 97,6	8 700 7 350 5 350	7,0 6,5 6,0	910 700 560	58	65
●	HUMMER 200W-1P 2R	ACH200W2R-2305	11,5 - 117,4	11 000 9 000 7 100	7,5 7,0 6,5	1 365 1 050 840	78	68
✓	HUMMER 150W-EC	ACH150W-EC-2355	4,04 - 46,3	9 500 - -	7,0 - -	860 - -	52	66
✓	HUMMER 200W-EC	ACH200W-EC-2356	5,42 - 56,3	12 400 - -	7,5 - -	1 290 - -	71	69
✓	HUMMER 150W-EC 2R	ACH150W-EC2R-2357	8,3 - 102,2	8 900 - -	7,0 - -	860 - -	52	65
✓	HUMMER 200W-EC 2R	ACH200W-EC2R-2358	10,1 - 118,5	11 200 - -	7,5 - -	1 290 - -	71	68



Hummer 150
a. 1500±3 mm
b. 540 mm
c. 522 mm

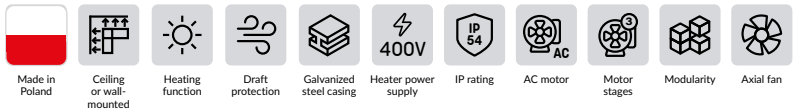
Hummer 200
a. 2000±3 mm
b. 540 mm
c. 522 mm

Industrial air curtain **HUMMER** electric heater series

EFFECTIVE RANGE: **7M**



Technical
documentation



The HUMMER air curtain is designed to reduce heat loss during winter and protect against hot air infiltration, dust and insects during summer. It is intended for use above industrial doors and gates in facilities such as warehouses, workshops and production halls. The unit is equipped with a two-stage PTC electric heater (400V).

KEY FEATURES

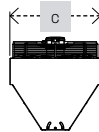
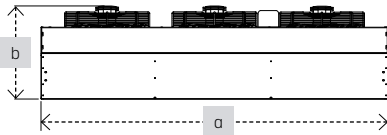
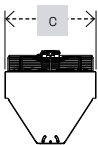
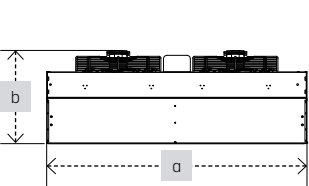
- Three-phase PTC electric heater with output: 14 kW (150E-3P) or 21 kW (200E-3P)
- Airflow ranges from 4 200 m³/h to 9 500 m³/h
- Effective curtain range up to 7 m
- 3-stage AC induction motor
- Motor with an IP54 rating
- Powder-coated galvanised steel housing
- Suitable for both horizontal and vertical installation
- Possibility to connect multiple units into one system
- The set contains a mounting kit



● AVAILABLE UNTIL 23.07.2027

↑ NEW MOTOR (ERP 2026)

	PRODUCT NAME	PRODUCT CODE	HEATING LEVEL	HEATER CURRENT	MAXIMUM AIRFLOW	CURTAIN RANGE	MOTOR POWER	NET WEIGHT	NOISE LEVEL
			kW	A 2 stage 1 stage	m³/h 3 stage 2 stage 1 stage		W 3 stage 2 stage 1 stage		
● ↑	HUMMER 150E-3P	ACH150E3P-2521	14	20 10	6 800 5 800 4 200	6,5	480 380 320	45	67
● ↑	HUMMER 200E-3P	ACH200E3P-2522	21	30 20	9 500 7 800 6 100	7,0	720 570 480	64	70



Hummer 150

a. 1500±3 mm
b. 540 mm
c. 522 mm

Hummer 200

a. 2000±3 mm
b. 540 mm
c. 522 mm

CONTROLLERS AND AUTOMATION

Controllers, speed controllers, and automation devices compatible with air curtains

PRODUCT NAME	PRODUCT CODE	HUMMER C-EC	HUMMER W-1P/ W-1P 2R/W-EC/ W-EC 2R	HUMMER E-3P
Door sensor HUMMER	DSH-2004	•	•	•
Relay module RM-16A	RM16A-2343	•	•	
Controller with thermostat HMI CURTAIN BMS	HMI-2003	•	•	
Programmable controller HMI EC BMS (Compatible only with HUMMER EC)	HMIEC-1997	•	•	
Surface-mounted box HMI	PCHMI-1797	•	•	•
Maintenance switch MS 230V	MS230-2419	•	•	
Maintenance switch MS 400V	MS400-2420			•
Two-way valve with actuator HC 3/4"	VAHC-1524		•	
Three-way valve with actuator HC 3/4"	VAHC3-1998		•	
Programmable controller HMI VOLT BMS	HMI-VOLTBMS -2502			•

ACCESSORIES

PRODUCT NAME	PRODUCT CODE	HUMMER W-1P/ W-1P 2R/W-EC/ W-EC 2R
HC 3/4" flexible hoses (2pcs)	FHHC-1525	•



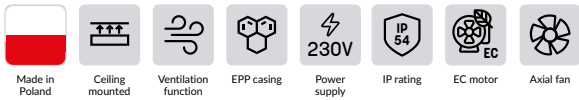
Destratification fans

Destratification fan HC-EC

AIRFLOW: 5 800 m³/h



Technical
documentation



The HC-EC destratification fan is equipped with an energy-efficient EC motor with smooth speed control. The unit offers greater flexibility and enhanced energy efficiency in large indoor spaces with ceiling heights above 4 meters, such as production halls, warehouses and logistics centres. The fan redistributes warm air accumulated near the ceiling back down to the occupied zone, helping to maintain consistent temperatures throughout the facility.

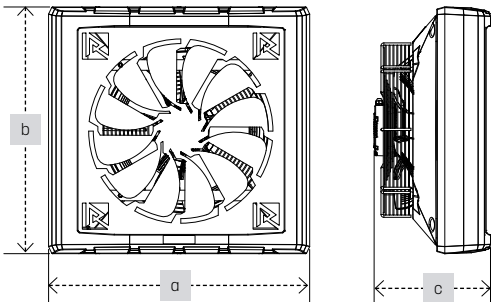
KEY FEATURES

- Maximum airflow up to 5 800 m³/h
- Effective range up to 11 m
- Energy-efficient EC motor with 0-100% speed control
- Motor with an IP54 rating
- Galvanised impeller blades
- EPP casing
- 360° galvanised steel diffuser



REMAINS IN THE OFFER

PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m³/h	MAXIMUM VERTICAL AIR REACH m	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT KG	NOISE LEVEL dB
✓ HC-EC	DHC-EC-2519	5 800	11	230/50	430	12,5	61



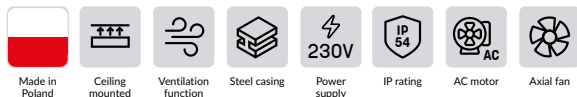
HC-EC
a. 739 mm
b. 699 mm
c. 345 mm



Technical
documentation

Destratification fan **TORNADO EC**

AIRFLOW RANGE: **2 300 - 8 800 m³/h**



The TORNADO destratification fan improves thermal conditions in high-ceiling spaces such as production halls, warehouses and logistics centres. It redirects warm air accumulated near the ceiling down to ground level and works best with unit heaters, ensuring even temperature distribution across the building.

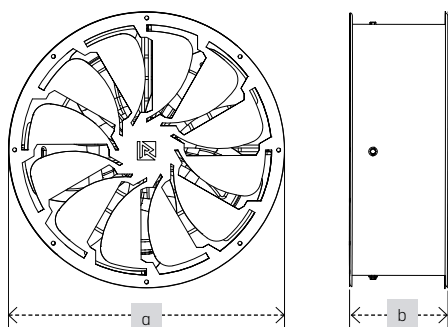
KEY FEATURES

- Airflow ranges from 2 300 m³/h to 8 800 m³/h
- Effective range up to 14,5 m
- 360° powder-coated steel diffuser
- EC induction motor with an IP54 rating
- Powder-coated steel casing with mounting holes



= NEW RELEASE =

PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m³/h	MAXIMUM VERTICAL AIR REACH m	FREQUENCY / VOLTAGE V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
TORNADO XS1 EC	DT-XS1-EC-2648	2 300	6	230/50	110	6,2	64,7
TORNADO XS2 EC	DT-XS2-EC-2649	4 500	9,5	230/50	240	7,4	69,1
TORNADO XS3 EC	DT-XS3-EC-2650	5 200	10,5	230/50	260	11,4	67,9
TORNADO XS4 EC	DT-XS4-EC-2651	6 300	11	230/50	300	13,6	69,8
TORNADO XS5 EC	DT-XS5-EC-2652	7 100	13	230/50	380	17,7	74,8
TORNADO XS6 EC	DT-XS6-EC-2653	8 800	14,5	230/50	420	23,5	71,6



TORNADO XS1 EC a. 415±2 mm b. 211±2 mm	TORNADO XS2 EC a. 463±2 mm b. 211±2 mm	TORNADO XS3 EC a. 519±2 mm b. 211,5±2 mm
TORNADO XS4 EC a. 570±2 mm b. 226,5±2 mm	TORNADO XS5 EC a. 620±2 mm b. 267±2 mm	TORNADO XS6 EC a. 705±2 mm b. 247±2 mm

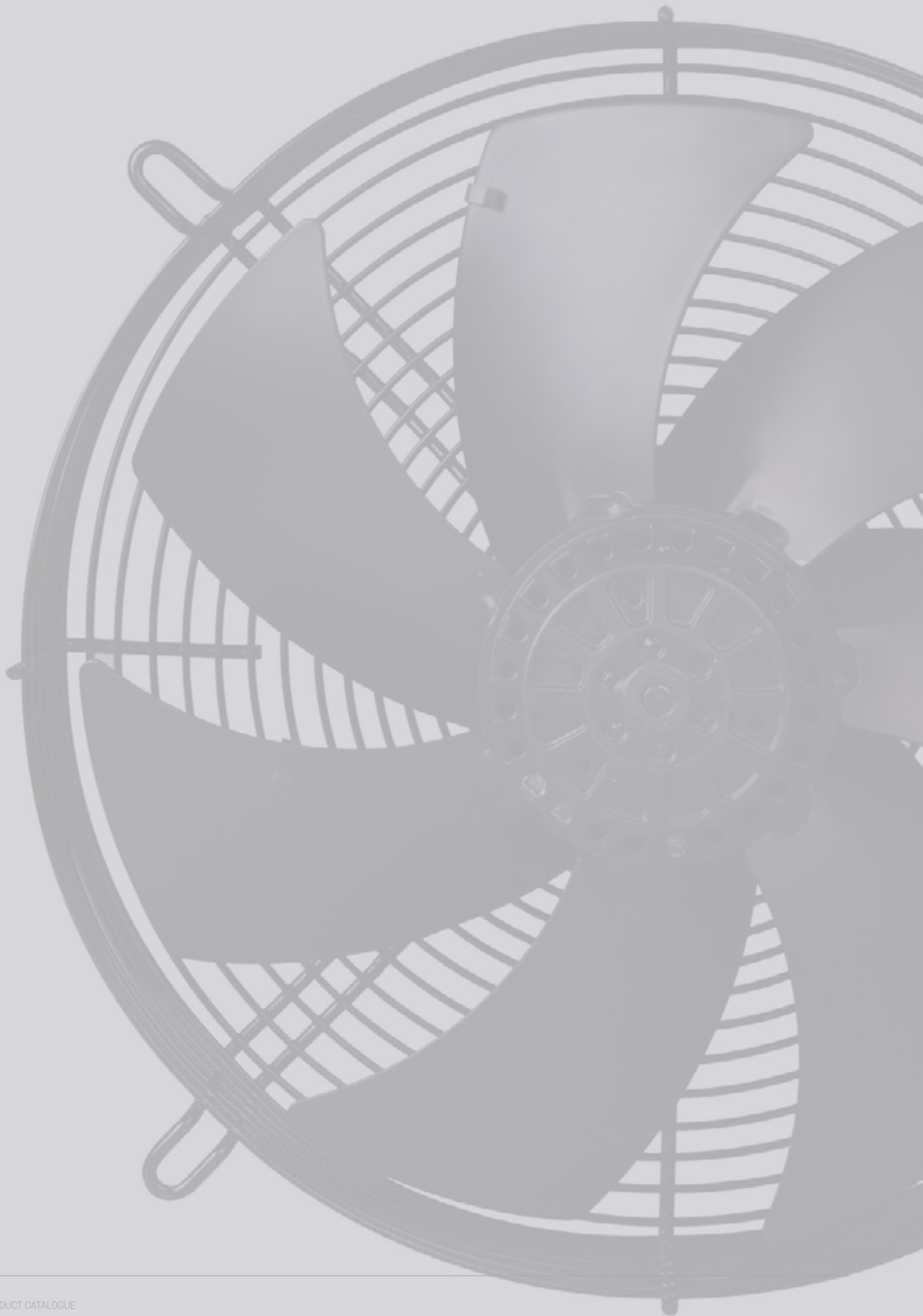
CONTROLLERS AND AUTOMATION

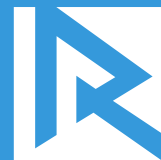
Controllers, speed controllers, and automation devices compatible with destratification fans

PRODUCT NAME	PRODUCT CODE	HC-EC	TORNADO EC
Relay module RM-16A	RM16A-2343	•	•
Programmable controller HMI EC BMS	HMI EC-1997	•	•
Surface-mounted box HMI	PCHMI-1797	•	•
Potencjometr EC	BHMI-2452	•	•
Programmable controller HMI SINGLE BMS	HMI-SIN-2021	•	•
Manual thermostat HC	RTHC-1523	•	•
Maintenance switch MS 230V	MS230-2419	•	•

ACCESSORIES

PRODUCT NAME	PRODUCT CODE	HC-EC	TORNADO EC
Rotating mounting bracket destratification fan HC-3S	RHF-1611	•	
Z type suspension bracket	SB-2029	•	•





Industrial fans

Blowing axial fan

FR-BG

AIRFLOW: **1 450 - 1 750 m³/h**



Technical
documentation



The FR-BG axial blowing fan is a perfect choice for various industrial, manufacturing and service facilities. It is designed to improve air movement and for cooling industrial equipment such as air conditioning systems or server rooms.

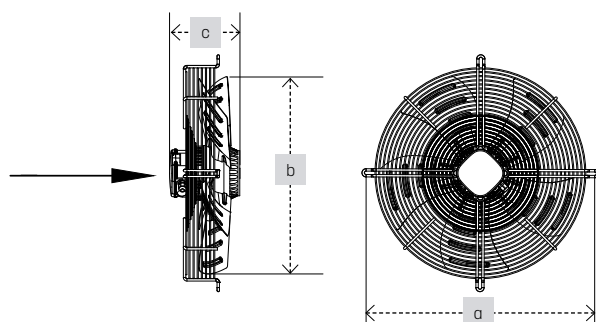
KEY FEATURES

- Airflow ranges from 1 450 m³/h to 1 750 m³/h
- Motor power ranges from 75 W to 90 W
- Durable steel housing
- Powder-coated steel impeller blades
- AC induction motor with an IP54 rating
- Noise level ranges from 60 dB to 62 dB
- Guard grill



✓ REMAINS IN THE OFFER

	PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m ³ /h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
✓	FR-250-BG	IAFR250BG-1701	1 450	230/50	90	2,7	60
✓	FR-300-BG	IAFR300BG-1702	1 750	230/50	75	3,4	62



FR-250-BG

a. 320 mm
b. 250-5 mm
c. 136 mm

FR-300-BG

a. 360 mm
b. 300-5 mm
c. 146 mm

FR-350-BG

a. 422 mm
b. 350-5 mm
c. 169 mm



Technical
documentation

Blowing axial fan

FR-BG EC-EE

AIRFLOW: **1 710 - 21 000 m³/h**



The FR-BG EC-EE axial blowing fan is a perfect choice for industrial, manufacturing, and service facilities, as well as general ventilation. It is designed to improve air circulation and cool equipment, such as air conditioning systems or server rooms. The new EC motor ensures higher efficiency and lower energy consumption.

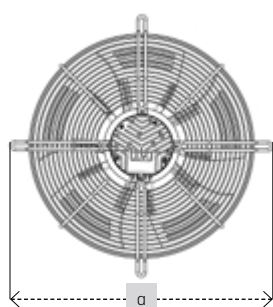
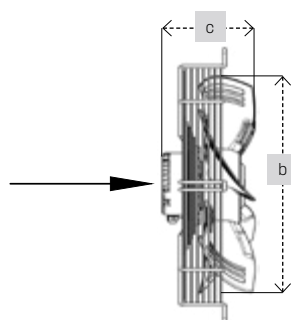
KEY FEATURES

- Airflow capacity from 1 710 m³/h to 21 000 m³/h
- Motor power from 98 W to 1 390 W
- Powder-coated steel casing
- Polypropylene impeller blades
- EC motor
- Noise level from 59 dB to 78 dB
- Protective grille



= NEW RELEASE =

PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m ³ /h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
FR-250-BG EC-EE	IAFR-250BGECEE-2609	1 710	230/50	100	1,8	68
FR-300-BG EC-EE	IAFR-300BGECEE-2610	2 230	230/50	98	2,1	59
FR-350-BG EC-EE	IAFR-350BGECEE-2611	2 730	230/50	110	2,7	65
FR-400-BG EC-EE	IAFR-400BGECEE-2612	5 350	230/50	270	3,7	67
FR-450-BG EC-EE	IAFR-450BGECEE-2613	5 790	230/50	260	6,2	69
FR-500-BG EC-EE	IAFR-500BGECEE-2614	7 500	230/50	300	7,5	68
FR-550-BG EC-EE	IAFR-550BGECEE-2615	8 600	230/50	380	9,7	69
FR-630-BG EC-EE	IAFR-630BGECEE-2616	10 800	230/50	420	11,2	69
FR-710-BG EC-EE	IAFR-710BGECEE-2617	16 180	400/50	1 140	22,7	78
FR-800-BG EC-EE	IAFR-800BGECEE-2618	21 000	400/50	1 390	28,1	75



FR-250-BG EC-EE

a. 330+2 mm
b. 250-3 mm
c. 102±2 mm

FR-300-BG EC-EE

a. 360+2 mm
b. 300-3 mm
c. 102 mm

FR-350-BG EC-EE

a. 422+2 mm
b. 350-3 mm
c. 115 mm

FR-400-BG EC-EE

a. 470±1.5 mm
b. 400-3 mm
c. 170±3 mm

FR-450-BG EC-EE

a. 522+2 mm
b. 450-3 mm
c. 175 mm

FR-500-BG EC-EE

a. 570+2 mm
b. 500-3 mm
c. 182 mm

FR-550-BG EC-EE

a. 625 mm
b. 549-3 mm
c. 190±3 mm

FR-630-BG EC-EE

a. 750+2 mm
b. 625-3 mm
c. 207 mm

FR-710-BG EC-EE

a. 853 mm
b. 694-3 mm
c. 235 mm

FR-800-BG EC-EE

a. 960 mm
b. 786 mm
c. 247 mm

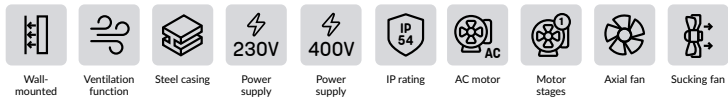
Sucking axial fan

FR-SG

AIRFLOW: **1 450 - 1 850 m³/h**



Technical
documentation



The FR-SG sucking axial fan is designed to extract air and cool industrial devices (such as condensers and refrigeration units), as well as facilities like server rooms. Thanks to their robust construction and high performance, they are also often used in workshops, industrial facilities, and catering establishments.

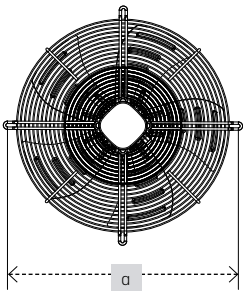
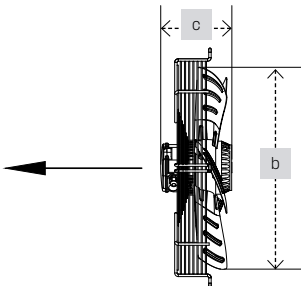
KEY FEATURES

- Airflow ranges from 1 450 m³/h to 1 850 m³/h
- Motor power ranges from 85 W to 90 W
- Powder-coated steel casing
- Powder-coated steel impeller blades
- AC induction motor with an IP54 rating
- Noise level ranges from 60 dB to 74 dB
- Guard grill



✓ REMAINS IN THE OFFER

	PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m³/h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
✓	FR-250-SG	IAFR250SG-1711	1 450	230/50	90	2,7	60
✓	FR-300-SG	IAFR300SG-17012	1 850	230/50	85	3,4	60



FR-250-SG	FR-300-SG
a. 320 mm	a. 360 mm
b. 250-5 mm	b. 300-5 mm
c. 136 mm	c. 146 mm



Technical
documentation

Sucking axial fan FR-SG EC

AIRFLOW: **1 410 - 21 480 m³/h**



The FR-SG EC sucking extractor fan is designed to extract air out of devices and cooling of industrial equipment (such as condensers and refrigeration units), as well as spaces like server rooms. Thanks to design and high EC motor performance, the FR-SG EC fan is often used in workshops, industrial facilities and catering establishments.

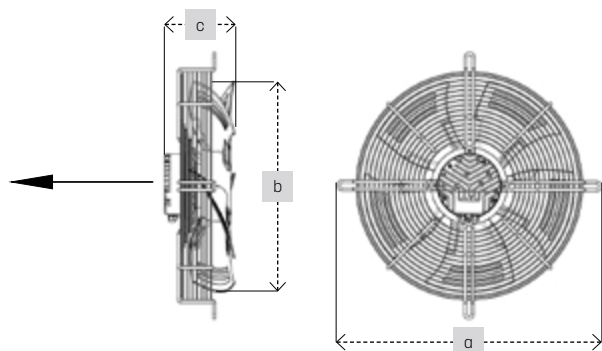
KEY FEATURES

- Airflow ranges from 1 410 m³/h to 21 480 m³/h
- Motor power ranges from 105 W to 2 770 W
- Energy-efficient EC motor with 0-100 % speed control
- Polypropylene impeller blades
- Motor with an IP54 rating
- Noise level ranges from 68 dB to 86 dB
- Guard grill



REMAINS IN THE OFFER

	PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m³/h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
✓	FR-250-SG EC	IAFR-250SGEC-2403	1 410	230/50	105	3	68
✓	FR-300-SG EC	IAFR-300SGEC-2404	2 615	230/50	150	4,5	70
✓	FR-350-SG EC	IAFR-350SGEC-2405	3 185	230/50	138	5	70
✓	FR-400-SG EC	IAFR-400SGEC-2406	5 600	230/50	500	10	78
✓	FR-450-SG EC	IAFR-450SGEC-2407	6 475	230/50	430	14	69
✓	FR-500-SG EC	IAFR-500SGEC-2408	7 870	230/50	430	17	70
✓	FR-550-SG EC	IAFR-550SGEC-2409	11 460	400/50	1 180	25	77
✓	FR-630-SG EC	IAFR-630SGEC-2410	21 480	400/50	2 770	35	86



FR-250-SG EC

a. 330 mm
b. 250-5 mm
c. 96 mm

FR-300-SG EC

a. 360 mm
b. 300-5 mm
c. 112 mm

FR-350-SG EC

a. 422 mm
b. 350-5 mm
c. 127 mm

FR-400-SG EC

a. 470 mm
b. 400-5 mm
c. 146 mm

FR-450-SG EC

a. 522 mm
b. 450-5 mm
c. 148 mm

FR-500-SG EC

a. 570 mm
b. 500-5 mm
c. 157 mm

FR-550-SG EC

a. 700 mm
b. 550-5 mm
c. 160 mm

FR-630-SG EC

a. 750 mm
b. 630-5 mm
c. 245 mm

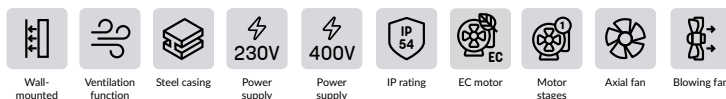
Sucking axial fan

FR-SG EC-EE

AIRFLOW: 1 710 - 21 000 m³/h



Technical
documentation



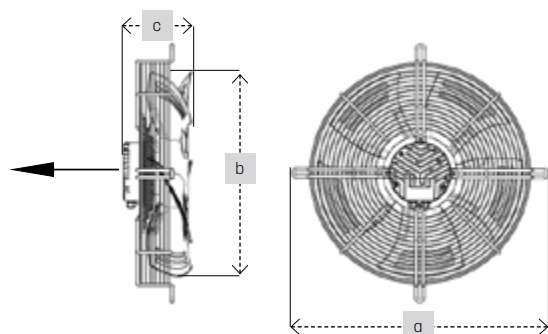
The FR-SG EC-EE axial suction fan is designed for air extraction and cooling industrial equipment, such as chillers, as well as technical rooms like server rooms. The new EC motor ensures higher efficiency and lower energy consumption, making it ideal for workshops, industrial facilities, catering establishments, and general ventilation.

KEY FEATURES

- Airflow ranges from 1 710 m³/h to 21 000 m³/h
- Motor power from 98 W to 1 390 W
- Powder-coated steel casing
- Powder-coated steel impeller blades
- EC motor
- Noise level from 59 dB to 75 dB
- Protective grille



NAZWA PRODUKTU	KOD PRODUKTU	MAKSYMALNY PRZEPŁYW POWIETRZA m³/h	NAPIĘCIE / CZĘSTOTLIWOŚĆ V/Hz	MOC SILNIKA W	WAGA NETTO kg	GŁOŚNOŚĆ dB
FR-250-SG EC-EE	IAFR-250SGECE-2619	1 710	230/50	100	1,8	68
FR-300-SG EC-EE	IAFR-300SGECE-2620	2 230	230/50	98	2,1	59
FR-350-SG EC-EE	IAFR-350SGECE-2621	2 730	230/50	110	2,8	65
FR-400-SG EC-EE	IAFR-400SGECE-2622	5 170	230/50	240	4,3	67
FR-450-SG EC-EE	IAFR-450SGECE-2623	5 790	230/50	260	6,2	69
FR-500-SG EC-EE	IAFR-500SGECE-2624	7 500	230/50	300	7,5	68
FR-550-SG EC-EE	IAFR-550SGECE-2625	8 600	230/50	380	9,7	69
FR-630-SG EC-EE	IAFR-630SGECE-2626	10 800	230/50	420	11,2	69
FR-710-SG EC-EE	IAFR-710SGECE-2627	16 180	400/50	1 140	22,7	78
FR-800-SG EC-EE	IAFR-800SGECE-2628	21 000	400/50	1 390	27,8	75



FR-250-SG EC-EE a. 330+2 mm b. 250-3 mm c. 96±2 mm	FR-300-SG EC-EE a. 360+2 mm b. 300-3 mm c. 107 mm	FR-350-SG EC-EE a. 422+2 mm b. 350-3 mm c. 121 mm	FR-400-SG EC-EE a. 470+5 mm b. 400-3 mm c. 119 mm	FR-450-SG EC-EE a. 522+2 mm b. 450-3 mm c. 158 mm
FR-500-SG EC-EE a. 570+2 mm b. 500-3 mm c. 167 mm	FR-550-SG EC-EE a. 625 mm b. 549-3 mm c. 160±2 mm	FR-630-SG EC-EE a. 750+2 mm b. 625-3 mm c. 204±2 mm	FR-710-SG EC-EE a. 853 mm b. 694-3 mm c. 231 mm	FR-800-SG EC-EE a. 960 mm b. 786 mm c. 244 mm



Technical
documentation

Extractor fan **FR-BS** wall-mounted series

AIRFLOW: **780 - 1 550 m³/h**



The extractor fan from the FR-BS series is designed to provide efficient air circulation in production halls, warehouses, workshops or other industrial spaces. The axial fan casing is equipped with a square mounting plate and can be wall-mounted in a dedicated opening.

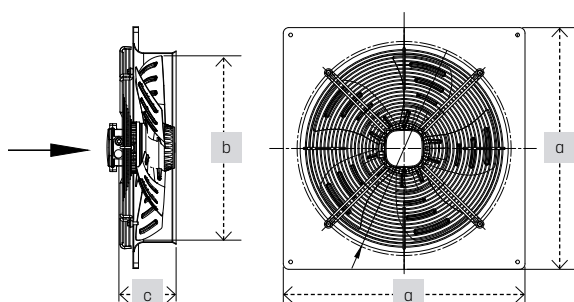
KEY FEATURES

- Airflow ranges from 780 m³/h to 1 550 m³/h
- Motor power ranges from 55 W to 90 W
- Powder-coated steel casing
- Powder-coated steel impeller blades
- AC induction motor with an IP54 rating
- Noise level ranges from 52 dB to 60 dB



REMAINS IN THE OFFER

	PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m³/h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
✓	FR-200-BS	IAFR200BS-1721	780	230/50	55	3,2	52
✓	FR-250-BS	IAFR250BS-1722	1 450	230/50	90	4,4	60
✓	FR-300-BS	IAFR300BS-1723	1 550	230/50	75	5,3	60



FR-200-BS

a. 310 mm
b. 200-5 mm
c. 72 mm

FR-250-BS

a. 370 mm
b. 250-5 mm
c. 94 mm

FR-300-BS

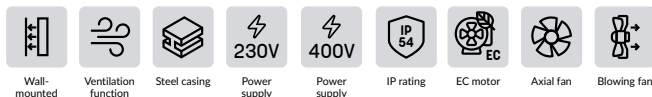
a. 430 mm
b. 300-5 mm
c. 94 mm

Extractor fan **FR-BS EC** wall-mounted series

AIRFLOW: **1 730 - 21 480 m³/h**



Technical
documentation



The extractor fan from the FR-BS EC series is designed to provide efficient air circulation in production halls, warehouses, workshops and other industrial spaces. The FR-BS EC series extractor fan is a modern solution that allows you to optimise energy consumption thanks to 0-100% speed control of the EC motor.

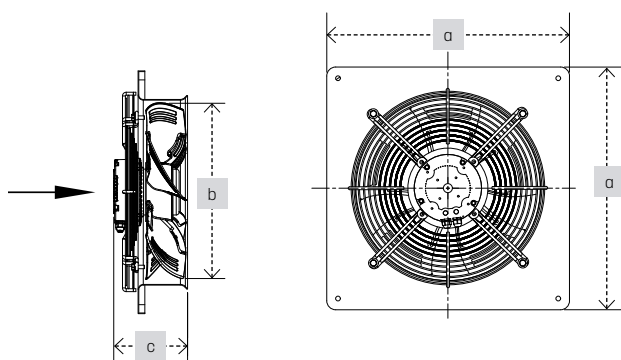
KEY FEATURES

- Airflow ranges from 1 410 m³/h to 21 480 m³/h
- Motor power ranges from 108 W to 2 770 W
- Energy-efficient EC motor with 0-100 % speed control
- Powder-coated steel casing
- Impeller blades made of polypropylene
- Motor with an IP54 rating
- Noise level ranges from 68 dB to 86 dB
- Plate-mounted



✓ REMAINS IN THE OFFER

	PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m³/h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
✓	FR-250-BS EC	IAFR-250BSEC-2411	1 410	230/50	108	2,8	68
✓	FR-300-BS EC	IAFR-300BSEC-2412	2 615	230/50	150	8	70
✓	FR-350-BS EC	IAFR-350BSEC-2413	3 185	230/50	138	9,5	70
✓	FR-400-BS EC	IAFR-400BSEC-2414	5 600	230/50	500	15,5	78
✓	FR-450-BS EC	IAFR-450BSEC-2415	6 475	230/50	430	19	69
✓	FR-500-BS EC	IAFR-500BSEC-2416	7 870	230/50	430	25,5	70
✓	FR-550-BS EC	IAFR-550BSEC-2417	11 460	400/50	1 180	30	77
✓	FR-630-BS EC	IAFR-630BSEC-2418	21 480	400/50	2 770	44,5	86



FR-250-BS EC a. 380 mm b. 250 mm c. 100 mm	FR-300-BS EC a. 430 mm b. 300 mm c. 112 mm	FR-350-BS EC a. 485 mm b. 350 mm c. 125 mm	FR-400-BS EC a. 540 mm b. 400 mm c. 149 mm
FR-450-BS EC a. 580 mm b. 447 mm c. 155 mm	FR-500-BS EC a. 600 mm b. 500 mm c. 165 mm	FR-550-BS EC a. 725 mm b. 548 mm c. 207 mm	FR-630-BS EC a. 805 mm b. 630 mm c. 216 mm

Extractor fan **FR-BS EC-EE** wall-mounted series

AIRFLOW: **1 710 - 21 000 m³/h**

Technical
documentation



The FR-BS EC-EE exhaust fan ensures effective air circulation in production halls, warehouses, workshops, and general ventilation systems. The new EC motor with 0–100% stepless speed control offers higher efficiency and lower energy consumption than previous versions.

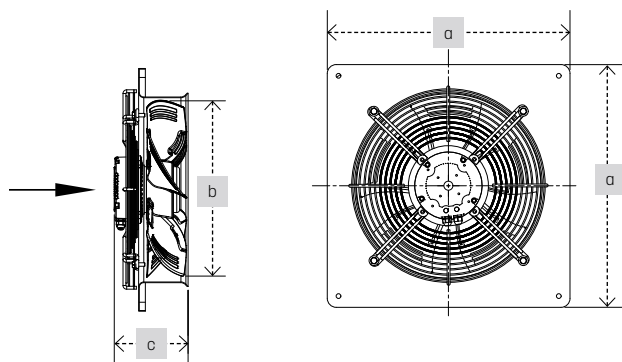
KEY FEATURES

- Airflow capacity from 1 710 m³/h to 21 000 m³/h
- Motor power from 98 W to 1 390 W
- Square powder-coated steel casing
- Polypropylene impeller blades
- Energy-efficient EC motor with 0–100% stepless speed control
- Noise level from 59 dB to 78 dB



= NEW RELEASE =

PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m³/h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
FR-250-BS EC-EE	IAFR-250BSECEE-2629	1 710	230/50	100	2,8	68
FR-300-BS EC-EE	IAFR-300BSECEE-2630	2 230	230/50	98	3,7	59
FR-350-BS EC-EE	IAFR-350BSECEE-2631	2 730	230/50	110	4,7	65
FR-400-BS EC-EE	IAFR-400BSECEE-2632	5 170	230/50	240	6,9	67
FR-450-BS EC-EE	IAFR-450BSECEE-2633	5 790	230/50	260	9,9	69
FR-500-BS EC-EE	IAFR-500BSECEE-2634	7 500	230/50	300	11,9	68
FR-550-BS EC-EE	IAFR-550BSECEE-2635	8 600	230/50	380	15,6	69
FR-630-BS EC-EE	IAFR-630BSECEE-2636	10 800	230/50	420	20,4	69
FR-710-BS EC-EE	IAFR-710BSECEE-2637	16 180	400/50	1140	32,4	78
FR-800-BS EC-EE	IAFR-800BSECEE-2638	21 000	400/50	1390	40,3	75



**FR-250-BS
EC-EE**
a. 380 mm
b. 250-3 mm
c. 100 mm

**FR-300-BS
EC-EE**
a. 430 mm
b. 300+3 mm
c. 107 mm

**FR-350-BS
EC-EE**
a. 485±1 mm
b. 350-3 mm
c. 125 mm

**FR-400-BS
EC-EE**
a. 540±1 mm
b. 400-3 mm
c. 154 mm

**FR-450-BS
EC-EE**
a. 580 mm
b. 447-3 mm
c. 155 mm

**FR-500-BS
EC-EE**
a. 600 mm
b. 500-3 mm
c. 165 mm

**FR-550-BS
EC-EE**
a. 725 mm
b. 549+3 mm
c. 212 mm

**FR-630-BS
EC-EE**
a. 805 mm
b. 612+3 mm
c. 217 mm

**FR-710-BS
EC-EE**
a. 850 mm
b. 696 mm
c. 250 mm

**FR-800-BS
EC-EE**
a. 970 mm
b. 788 mm
c. 275 mm

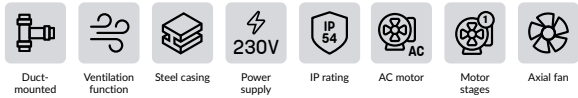
Short cased axial fan

FR-BC

AIRFLOW: 780 - 11 400 m³/h



Technical
documentation



The FR-BC short cased axial fan is designed for ventilation in industrial buildings, production halls, warehouses and workshops. It is also commonly used as a component of exhaust and supply systems in round ventilation ducts.

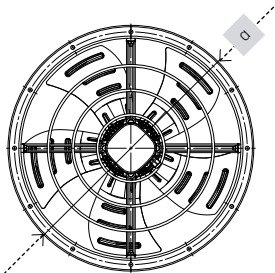
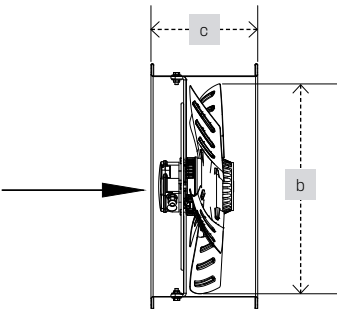
KEY FEATURES

- Airflow ranges from 780 m³/h to 11 400 m³/h
- Motor power ranges from 55 W to 660 W
- Round & powder-coated steel housing
- Powder-coated steel impeller blades
- AC induction motor with an IP54 rating
- Noise level ranges from 52 dB to 60 dB



✓ REMAINS IN THE OFFER

	PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m³/h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
✓	FR-200-BC	IAFR200BC-1732	780	230/50	55	3	52
✓	FR-250-BC	IAFR250BC-1733	1 220	230/50	80	4	60
✓	FR-300-BC	IAFR300BC-1734	1 550	230/50	75	5,5	60



FR-200-BC	FR-250-BC	FR-300-BC
a. 250 mm	a. 306 mm	a. 390 mm
b. 200-5 mm	b. 250-5 mm	b. 300-5 mm
c. 180 mm	c. 180 mm	c. 180 mm



Technical
documentation

Short cased axial fan **FR-BC EC-EE**

AIRFLOW: **1710 - 10 800 m³/h**



Duct-mounted



Ventilation function



Steel casing



230V



IP rating



EC motor



Axial fan

The FR-BC EC-EE axial fan with a cylindrical casing is designed for ventilating industrial buildings, production halls, warehouses, workshops, and supply and exhaust systems in round ducts. The new EC motor ensures higher efficiency and lower energy consumption than the previous version.

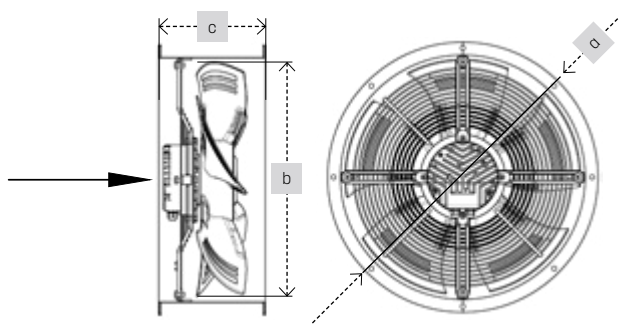
KLUCZOWE CECHY

- Airflow capacity from 1 710 m³/h to 10 800 m³/h
- Motor power from 98 W to 420 W
- Cylindrical powder-coated steel casing
- Polypropylene impeller blades
- Energy-efficient EC motor with 0–100% stepless speed control
- Noise level from 59 dB to 69 dB



= NEW RELEASE =

PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m ³ /h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
FR-250-BC EC-EE	IAFR-250BCECEE-2639	1 710	230/50	100	3,2	68
FR-300-BC EC-EE	IAFR-300BCECEE-2640	2 230	230/50	98	4,0	59
FR-350-BC EC-EE	IAFR-350BCECEE-2641	2 730	230/50	110	4,8	65
FR-400-BC EC-EE	IAFR-400BCECEE-2642	5 170	230/50	240	6,1	67
FR-450-BC EC-EE	IAFR-450BCECEE-2643	5 790	230/50	260	9,3	69
FR-500-BC EC-EE	IAFR-500BCECEE-2644	7 500	230/50	300	10,6	68
FR-550-BC EC-EE	IAFR-550BCECEE-2645	8 600	230/50	380	13,6	69
FR-630-BC EC-EE	IAFR-630BCECEE-2646	10 800	230/50	420	18,8	69



FR-250-BC EC-EE	FR-300-BC EC-EE	FR-350-BC EC-EE	FR-400-BC EC-EE
a. 315±2 mm	a. 360±2 mm	a. 415±2 mm	a. 463±2 mm
b. 248±2 mm	b. 300±2 mm	b. 350±2 mm	b. 400±3 mm
c. 158 mm	c. 180±2 mm	c. 210±2 mm	c. 210±2 mm
FR-450-BC EC-EE	FR-500-BC EC-EE	FR-550-BC EC-EE	FR-630-BC EC-EE
a. 519±2 mm	a. 570±2 mm	a. 620±2 mm	a. 705±2 mm
b. 450±3 mm	b. 500±3 mm	b. 549±2 mm	b. 612±2 mm
c. 210±2 mm	c. 225±2 mm	c. 265±2 mm	c. 245±2 mm

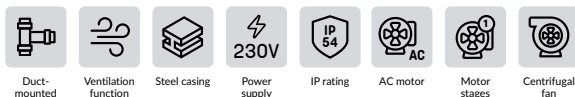
Duct fan

FR-DF

AIRFLOW: **250 - 680 m³/h**



Technical
documentation



The duct fan FR-DF, also known as a centrifugal fan, is designed for ventilation ducts of facilities such as warehouses, shops, workshops, bathrooms, kitchens, single-family homes or production areas. The fan features an integrated mounting bracket and connection stubs, making the installation process easier and faster.

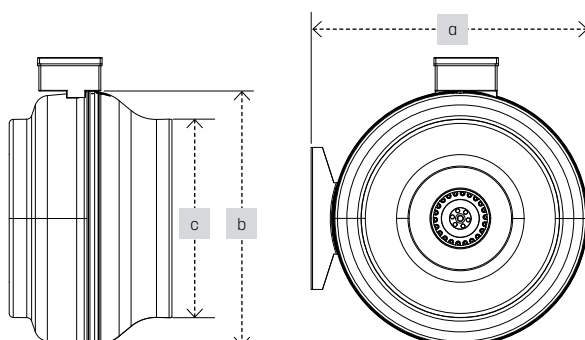
KEY FEATURES

- Airflow ranges from 250 m³/h to 680 m³/h
- Motor power ranges from 67 W to 100 W
- Galvanised steel housing
- Motor with an IP44 rating
- Thermal protection up to 150°C
- Operates as a supply or exhaust fan
- Noise level ranges from 63 dB to 65 dB



REMAINS IN THE OFFER

	PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m³/h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
✓	FR-100-DF	IDFR100DF-1741	250	230/50	67	3	63
✓	FR-125-DF	IDFR125DF-1742	340	230/50	67	3	65
✓	FR-150-DF	IDFR150DF-1743	590	230/50	100	4,5	64
✓	FR-160-DF	IDFR160DF-1744	680	230/50	100	4,5	65



FR-100-DF

a. 276±2 mm
b. 242±2 mm
c. 100 mm

FR-125-DF

a. 276±2 mm
b. 242±2 mm
c. 125 mm

FR-150-DF

a. 378±2 mm
b. 344±2 mm
c. 150 mm

FR-160-DF

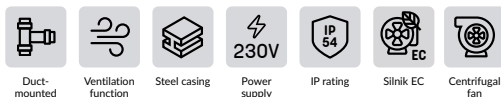
a. 380±2 mm
b. 344±2 mm
c. 160 mm



Technical
documentation

Duct fan FR-DF EC

AIRFLOW: **340 - 1 700 m³/h**



The FR-DF EC in-line duct fan is designed for installation in ventilation ducts in warehouses, shops, workshops, bathrooms, kitchens, single-family houses, production spaces, and general ventilation systems. An integrated mounting bracket and connection spigots facilitate installation, while the new EC motor ensures higher efficiency and lower energy consumption than the previous version.

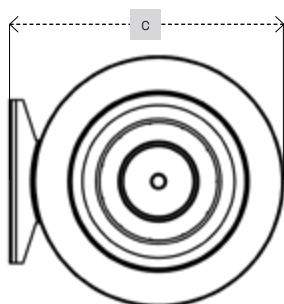
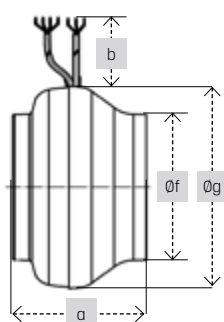
KEY FEATURES

- Airflow capacity from 340 m³/h to 1 700 m³/h
- Motor power from 75 W to 240 W
- Galvanized steel casing
- Centrifugal fan
- Can operate as a supply or exhaust fan
- Noise level from 72 dB to 78 dB
- FR-DF EC fan motor with IP54 protection rating



= NEW RELEASE =

PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m ³ /h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
FR-100-DF EC	IDFR100DFEC-2604	340	230/50	75	2,3	73
FR-125-DF EC	IDFR125DFEC-2605	470	230/50	85	2,3	74
FR-150-DF EC	IDFR150DFEC-2606	570	230/50	85	2,7	72
FR-160-DF EC	IDFR160DFEC-2607	745	230/50	85	2,7	72
FR-200-DF EC	IDFR200DFEC-2557	1030	230/50	160	4,8	77
FR-250-DF EC	IDFR250DFEC-2558	1100	230/50	160	5,0	77
FR-315-DF EC	IDFR315DFEC-2559	1700	230/50	240	5,8	78



FR-100-DF EC

a. 188±2 mm
b. 400±20 mm
c. 276±2 mm
Øf. 100±5 mm
Øg. 242±2 mm

FR-125-DF EC

a. 188±2 mm
b. 400±20 mm
c. 276±2 mm
Øf. 125±5 mm
Øg. 242±2 mm

FR-150-DF EC

a. 220±2 mm
b. 350±20 mm
c. 378±2 mm
Øf. 150±5 mm
Øg. 344±2 mm

FR-160-DF EC

a. 225±2 mm
b. 350±20 mm
c. 378±2 mm
Øf. 160±5 mm
Øg. 344±2 mm

FR-200-DF EC

a. 231±2 mm
b. 450±20 mm
c. 376±2 mm
Øf. 200±5 mm
Øg. 346±2 mm

FR-250-DF EC

a. 235±2 mm
b. 450±20 mm
c. 380±2 mm
Øf. 250±5 mm
Øg. 346±2 mm

FR-315-DF EC

a. 255±2 mm
b. 410±20 mm
c. 435±2 mm
Øf. 315±5 mm
Øg. 400±2 mm

Roof fan STORM AC/EC

AIRFLOW: 520 - 13 800 m³/h



Technical
documentation



The STORM AC/EC roof fan is designed to effectively remove used air from industrial buildings, warehouses, public facilities as well as food trucks. The device features a housing made of powder-coated and galvanised steel elements, providing enhanced durability against various external conditions.

KEY FEATURES

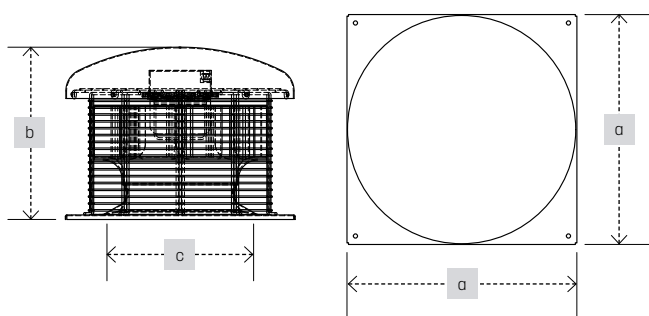
- Airflow ranges from 450 m³/h to 13 800 m³/h
- Motor power ranges from 57 W to 3 000 W
- Available with AC motor (IP44) or energy-efficient EC motor (IP54)
- Noise level from 52 dB to 85 dB



REMAINS IN THE OFFER

PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m³/h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
✓ STORM 190 AC	STORM190AC-2017	520	230/50	57	8,1	55

PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m³/h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
✓ STORM 225 EC	STORM225EC-1983	880	230/50	70	7,0	55
✓ STORM 315 EC	STORM315EC-1984	2 250	230/50	160	8,5	54
✓ STORM 355 EC	STORM355EC-2019	3 910	230/50	550	11,5	52
✓ STORM 450 EC	STORM450EC-2334	7 340	400/50	1 006	24	68
✓ STORM 500 EC	STORM500EC-2335	13 800	400/50	3 000	32	85



STORM 190 AC

a. 350±1 mm
b. 190±5 mm
c. 123±2 mm

STORM 225 EC

a. 350±1 mm
b. 230±5 mm
c. 144±2 mm

STORM 315 EC

a. 500±1 mm
b. 320±5 mm
c. 210±2 mm

STORM 355 EC

a. 500±1 mm
b. 360±5 mm
c. 240±2 mm

STORM 450 EC

a. 700±1 mm
b. 450±5 mm
c. 412±2 mm

STORM 500 EC

a. 700±1 mm
b. 560±10 mm
c. 450±2 mm



Technical
documentation

Roof fan **STORM PRO**

AIRFLOW: **450 m³/h**



Made in
Poland



Ventilation
function



Composite
housing



Power
supply



Power
supply



IP rating



AC motor



Motor
stages



Centrifugal
fan



The STORM PRO AC roof fan offers high efficiency in ventilation systems and improved resistance to various weather conditions. The roof fan efficiently removes used air from industrial buildings, warehouses, commercial facilities or food trucks.

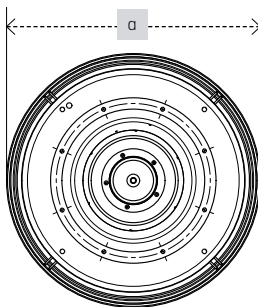
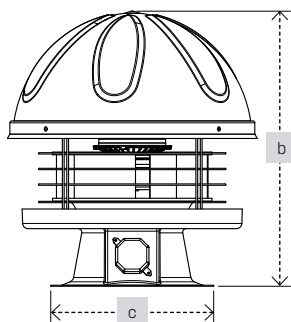
KEY FEATURES

- Airflow ranges 450 m³/h
- Motor power ranges 57 W
- Housing made of composite material
- AC induction motor with an IP44 rating
- Noise level ranges 52 dB



REMAINS IN THE OFFER

	PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m ³ /h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
✓	STORM PRO 190	STORM-PRO190AC-2520	450	230/50	57	8.0	55



STORM PRO 190

- a. Ø383 mm
- b. 367 mm
- c. Ø267,5 mm

Roof fan

STORM PRO EC

AIRFLOW: 880 - 13 800 m³/h



Technical
documentation



The STORM PRO EC roof fan is an upgraded version of the classic STORM EC roof fan. With its new design, composite housing, and energy-efficient EC motor, it offers superior performance in ventilation systems. This device is particularly designed for the effective removal of used air from large industrial buildings, warehouses, commercial facilities or food trucks.

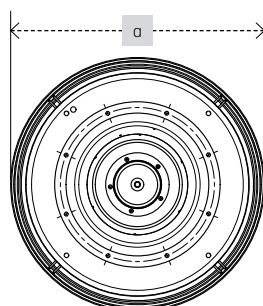
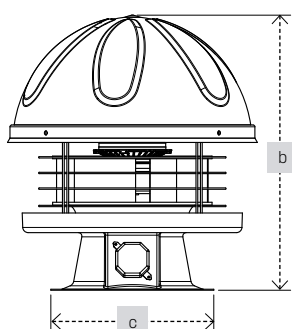
KEY FEATURES

- Airflow ranges from 880 m³/h to 13 800 m³/h
- Motor power ranges from 70 W to 3 000 W
- Energy-efficient EC motor with 0-100 % speed control
- Housing made of composite material
- Motor with an IP54 rating
- Noise level: 52 dB to 85 dB



✓ REMAINS IN THE OFFER

	PRODUCT NAME	PRODUCT CODE	MAXIMUM AIRFLOW m ³ /h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB
✓	STORM PRO 225 EC	STORM-PRO225EC-2511	880	230/50	70	7,0	55
✓	STORM PRO 315 EC	STORM-PRO315EC-2512	2 250	230/50	160	8,5	54
✓	STORM PRO 355 EC	STORM-PRO355EC-2513	3 910	230/50	550	11,5	52
✓	STORM PRO 450 EC	STORM-PRO450EC-2514	7 340	400/50	1 006	24	68
✓	STORM PRO 500 EC	STORM-PRO500EC-2515	13 800	400/50	3 000	32	85



STORM PRO 225 EC

a. Ø383 mm
b. 420 mm
c. Ø267,5 mm

STORM PRO 315 EC

a. Ø560 mm
b. 574 mm
c. Ø365 mm

STORM PRO 355 EC

a. Ø560 mm
b. 615 mm
c. Ø365 mm

STORM PRO 450 EC

a. Ø664 mm
b. 786,5 mm
c. Ø497,5 mm

STORM PRO 500 EC

a. Ø664 mm
b. 846 mm
c. Ø497,5 mm

ACCESSORIES

PRODUCT NAME	PRODUCT CODE	FR-BS	FR-BS EC	STORM AC	STORM EC	STORM PRO AC	STORM PRO EC
Upper / lower adapter plate	AP-2003			•	•	•	•
Fan / base adapter plate STORM S	AP-S-2516				•	•	•
Fan / base adapter plate STORM M	AP-M-2517				•		•
Fan / base adapter plate STORM L	AP-L-2518				•		•
Roof base STORM S	RBS-2345			•	•	•	•
Insulated roof base 50 mm STORM S	RBIS-2345			•	•	•	•
Insulated roof base 50 mm with sound-attenuating baffle STORM S	RBISDM-2346			•	•	•	•
Roof base STORM M	RBM-2347			•	•	•	•
Insulated roof base 50 mm STORM M	RBIM-2348			•	•	•	•
Insulated roof base 50 mm with sound-attenuating baffle STORM M	RBIMDM-2349			•	•	•	•
Roof base STORM L	RBL-2350			•	•	•	•
Insulated roof base 50 mm STORM L	RBIL-2351			•	•	•	•
Insulated roof base 50 mm with sound-attenuating baffle STORM L	RBILDM-2352			•	•	•	•
Gravity shutter GS 300x300 mm	GS-300-2075	•	•				
Gravity shutter GS 350x350 mm	GS-350-2076	•	•				
Gravity shutter GS 400x400 mm	GS-400-2077	•	•				
Gravity shutter GS 460x460 mm	GS-460-2078	•	•				
Gravity shutter GS 550x550 mm	GS-550-2079	•	•				
Gravity shutter GS 650x650 mm	GS-650-2080	•	•				
Gravity shutter GS 800x800 mm	GS-800-2081	•	•				
Gravity shutter GS 1000x1000 mm	GS-1000-2501	•	•				

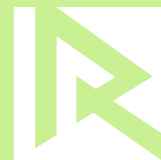
CONTROLLERS AND AUTOMATION

Controllers, speed controllers, and automation devices compatible with fans

PRODUCT NAME	PRODUCT CODE	FR-BG	FR-BG EC-EE	FR-SG	FR-SG EC/EC-EE	FR-BS
Relay module RM-16A	RM16A-2343	•	•	•	•	•
EC potentiometer	PEC-2444		•		•	
Fan speed controller HC 1,2A	FSHC-1520	•		•		•
Fan speed controller HC 3A	FS3HC-2104	•		•		•
Fan speed controller HC 5A	FS5HC-1607	•		•		•
Fan speed controller HC 7A	FS7HC-1608	•		•		•
Fan speed controller HC 14A	FS14HC-1610	•		•		•
Programmable controller HMI EC BMS	HMIEC-1997		•		•	
Programmable controller HMI SINGLE BMS	HMI-SIN-2021	•		•		•
Surface-mounted box HMI	BHMI-2452	•	•	•	•	•
Manual thermostat HC	RTHC-1523	•	•	•	•	•
Thyristor fan speed controller TRO-150W	FS-TRO150-2054	•		•		•
Thyristor fan speed controller TRO-600W	FS-TRO600-2055	•		•		•
Maintenance switch MS 230V	MS230-2419	•	•	•	•	•
Maintenance switch MS 400V	MS400-2420	•	•	•	•	•

FR-BS EC/EC-EE	FR-BC	FR-BC EC-EE	FR-DF	FR-DF EC	STORM AC	STORM EC	STORM PRO AC	STORM PRO EC
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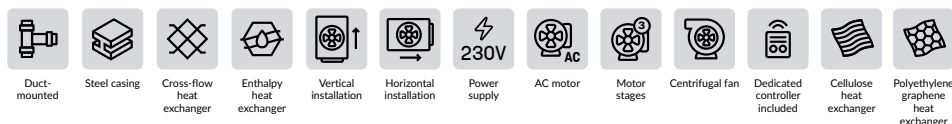
HRV & ERV

Energy recovery unit INSPIRO BASIC

AIRFLOW: 200 - 1 300 m³/h



Technical
documentation



The INSPIRO BASIC unit offers a budget-friendly ventilation system with heat and moisture recovery. It is designed for indoor use in residential buildings, warehouses, workshops, storage areas and other service spaces. It can be paired with either a cellulose or a polyethylene exchanger.

KEY FEATURES

- Airflow ranges from 200 m³/h to 1 300 m³/h
- Cross-flow exchanger with heat and moisture recovery
- Moisture recovery efficiency up to 67%
- Heat recovery efficiency up to 76%
- 2 fans with AC induction motor
- 3-stage fan speed control
- Manual bypass
- Energy class A

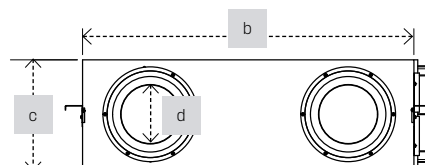
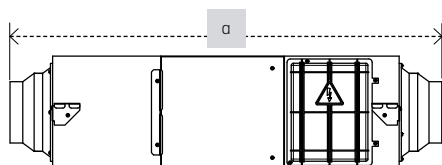


REMAINS IN THE OFFER



AVAILABLE UNTIL 23.07.2027

PRODUCT NAME	PRODUCT CODE	HEAT RECOVERY EFFICIENCY %	MOISTURE RECOVERY EFFICIENCY %	NOMINAL AIRFLOW m³/h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB	ENERGY CLASS
INSPIRO BASIC 200 INSPIRO BASIC 200 POLY	INSPIRO-BASIC-200-2022 INSPIRO-BASIC-200POLY-2306	75%	63%	200	220-240/50	105	20	31,5	A
INSPIRO BASIC 300 INSPIRO BASIC 300 POLY	INSPIRO-BASIC-300-2023 INSPIRO-BASIC-300POLY-2307	73%	65%	300	220-240/50	117	22	34,5	A
INSPIRO BASIC 400 INSPIRO BASIC 400 POLY	INSPIRO-BASIC-400-2024 INSPIRO-BASIC-400POLY-2308	74%	65%	400	220-240/50	150	31	37,5	A
INSPIRO BASIC 600 INSPIRO BASIC 600 POLY	INSPIRO-BASIC-600-2025 INSPIRO-BASIC-600POLY-2309	76%	67%	600	220-240/50	200	36	39	A
INSPIRO BASIC 800 INSPIRO BASIC 800 POLY	INSPIRO-BASIC-800-2026 INSPIRO-BASIC-800POLY-2310	74%	63%	800	220-240/50	355	60	41	A
INSPIRO BASIC 1000 INSPIRO BASIC 1000 POLY	INSPIRO-BASIC-1000-2028 INSPIRO-BASIC-1000POLY-2311	76%	64%	1 000	220-240/50	440	70	42	A
INSPIRO BASIC 1300 INSPIRO BASIC 1300 POLY	INSPIRO-BASIC-1300-2027 INSPIRO-BASIC-1300POLY-2312	76%	62%	1 300	220-240/50	710	79	43	A



INSPIRO BASIC 200

a. 866 mm
b. 580 mm
c. 264 mm
d. 144 mm

INSPIRO BASIC 300

a. 944 mm
b. 599 mm
c. 270 mm
d. 144 mm

INSPIRO BASIC 400

a. 944 mm
b. 804 mm
c. 270 mm
d. 144 mm

INSPIRO BASIC 600

a. 1038 mm
b. 904 mm
c. 270 mm
d. 194 mm

INSPIRO BASIC 800

a. 1286 mm
b. 884 mm
c. 388 mm
d. 242 mm

INSPIRO BASIC 1000

a. 1286 mm
b. 1134 mm
c. 388 mm
d. 242 mm

INSPIRO BASIC 1300

a. 1299 mm
b. 1216 mm
c. 388 mm
d. 242 mm



Technical
documentation

Energy recovery unit **INSPIRO**

AIRFLOW: **150 - 1 300 m³/h**



Duct-mounted



Steel casing



Cross-flow
heat
exchanger



Enthalpy
heat
exchanger



Vertical
installation



Horizontal
installation



230V
Power
supply



EC motor



Motor
stages



Centrifugal
fan



Dedicated
controller
included



Cellulose
heat
exchanger



Polyethylene
graphene
heat
exchanger

INSPIRO
POLY



The INSPIRO unit is the most efficient mechanical ventilation with heat and moisture recovery. It is designed for indoor use in residential buildings, halls, storage areas, service spaces or workshops. It can be paired with either a cellulose or a polyethylene exchanger.

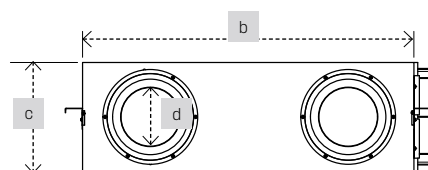
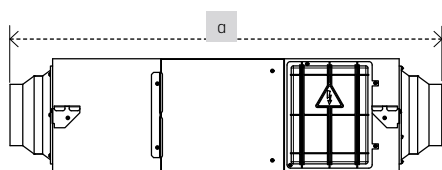
KEY FEATURES

- Airflow ranges from 150 m³/h to 1 300 m³/h
- Cross-flow exchanger with heat and moisture recovery
- Moisture recovery efficiency up to 75%
- Heat recovery efficiency up to 84%
- Galvanised steel casing with thermal insulation
- 2 fans with EC motor
- 10-stage fan speed control
- Differential pressure switch indicating F9 filter clogging
- Intuitive SMART controller included
- CO₂ and humidity sensors (optional)
- Wi-Fi module (optional)
- Energy class A



REMAINS IN THE OFFER

PRODUCT NAME	PRODUCT CODE	HEAT RECOVERY EFFICIENCY %	MOISTURE RECOVERY EFFICIENCY %	NOMINAL AIRFLOW m³/h	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB	ENERGY CLASS
INSPIRO 150	INSPIRO150-1972	80%	70%	150	220-240/50	45	23	39,5	A
INSPIRO 150 POLY	INSPIRO-150POLY-2313								
INSPIRO 250	INSPIRO250-1973	81%	73%	250	220-240/50	98	25	42,5	A
INSPIRO 250 POLY	INSPIRO-250POLY-2314								
INSPIRO 350	INSPIRO350-1974	82%	73%	350	220-240/50	107	30,5	45,5	A
INSPIRO 350 POLY	INSPIRO-350POLY-2315								
INSPIRO 500	INSPIRO500-1975	84%	75%	500	220-240/50	105	33	47	A
INSPIRO 500 POLY	INSPIRO-500POLY-2316								
INSPIRO 650	INSPIRO650-1976	82%	71%	650	220-240/50	275	54	49	A
INSPIRO 650 POLY	INSPIRO-650POLY-2317								
INSPIRO 800	INSPIRO800-1977	82%	73%	800	220-240/50	285	62	50	A
INSPIRO 800 POLY	INSPIRO-800POLY-2318								
INSPIRO 1000	INSPIRO1000-2030	82%	72%	1 000	220-240/50	425	70	51	A
INSPIRO 1000 POLY	INSPIRO-1000POLY-2319								
INSPIRO 1300	INSPIRO1300-2027	82%	75%	1 300	220-240/50	436	70	51	A
INSPIRO 1300 POLY	INSPIRO-1300POLY-2320								



INSPIRO BASIC 200

a. 866 mm
b. 580 mm
c. 264 mm
d. 144 mm

INSPIRO BASIC 300

a. 944 mm
b. 599 mm
c. 270 mm
d. 144 mm

INSPIRO BASIC 400

a. 944 mm
b. 804 mm
c. 270 mm
d. 144 mm

INSPIRO BASIC 600

a. 1038 mm
b. 904 mm
c. 270 mm
d. 194 mm

INSPIRO BASIC 800

a. 1286 mm
b. 884 mm
c. 388 mm
d. 242 mm

INSPIRO BASIC 1000

a. 1286 mm
b. 1134 mm
c. 388 mm
d. 242 mm

INSPIRO BASIC 1300

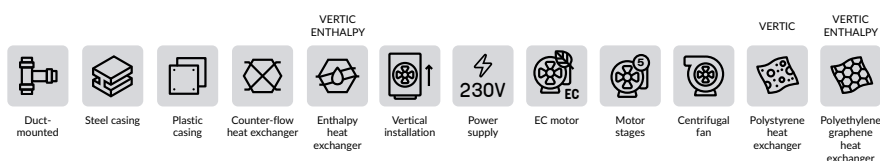
a. 1299 mm
b. 1216 mm
c. 388 mm
d. 242 mm

Heat/energy recovery unit VERTIC

AIRFLOW: **80 - 500 m³/h**



Technical
documentation



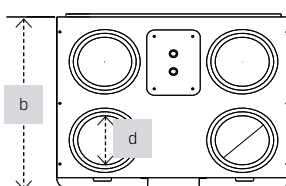
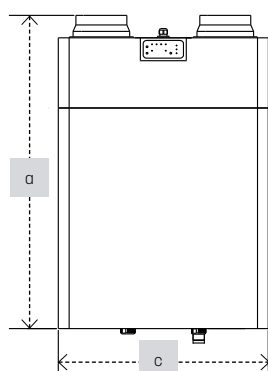
The VERTIC series features a vertical unit that enables mechanical ventilation with heat or both heat and moisture recovery (depending on the exchanger). The device is designed for indoor use in residential buildings, halls, storage rooms, service facilities, and other premises. It's particularly useful when you want to install it on the floor, wall, or e.g. above a washing machine or a cupboard under the stairs. The unit can be paired with a polystyrene or polyethylene-graphene enthalpic exchanger.

KEY FEATURES

- Airflow ranges from 80 m³/h to 500 m³/h
- Counter-flow exchangers offering heat recovery or both heat and moisture
- Moisture recovery efficiency up to 78%
- Heat recovery efficiency up to 90%
- 2 fans with EC motor
- 5-stage fan speed control
- Powder-coated steel housing
- Automatic bypass
- 2 built-in control panels
- Intelligent control panel VERTIC (optional)
- Energy class A



PRODUCT NAME	PRODUCT CODE	HEAT RECOVERY EFFICIENCY %	MOISTURE RECOVERY EFFICIENCY %	NOMINAL AIRFLOW m³/h 5 4 3 2 1 stage	VOLTAGE / FREQUENCY V/Hz	MOTOR POWER W	NET WEIGHT kg	NOISE LEVEL dB	ENERGY CLASS
✓ VERTIC 250 VERTIC 250 ENTHALPY	VERTIC-250-2047 VERTIC-250E-2321	90 83	- 78	250 175 145 100 80	230/50	137	40	35	A
✓ VERTIC 350 VERTIC 350 ENTHALPY	VERTIC-350-2048 VERTIC-350E-2322	87 77	- 72	350 245 180 130 100	230/50	272	40	37	A
✓ VERTIC 500 VERTIC 500 ENTHALPY	VERTIC-500-2049 VERTIC-500E-2323	88 78	- 73	500 350 270 185 105	230/50	412	50	39	A



VERTIC 250
a. 965 mm
b. 480 mm
c. 595 mm
d. 144 mm

VERTIC 350
a. 965 mm
b. 480 mm
c. 595 mm
d. 144 mm

VERTIC 500
a. 1065 mm
b. 624,5 mm
c. 655 mm
d. 194 mm



Technical documentation
WALLER64



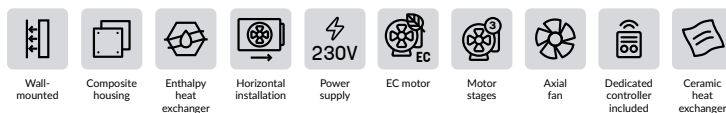
Technical documentation
WALLER WIFI



Technical documentation
WALLER CO2/RH

Single room ERV WALLER

AIRFLOW: 20 - 64 m³/h



Single room energy recovery ventilator WALLER is a wall-mounted heat recovery unit designed for single-room residential and commercial areas where traditional ERVs are not applicable. The unit combines both supply and exhaust functions, ensuring efficient air exchange with heat and moisture recovery. The series comprises four models that differ in function and size.

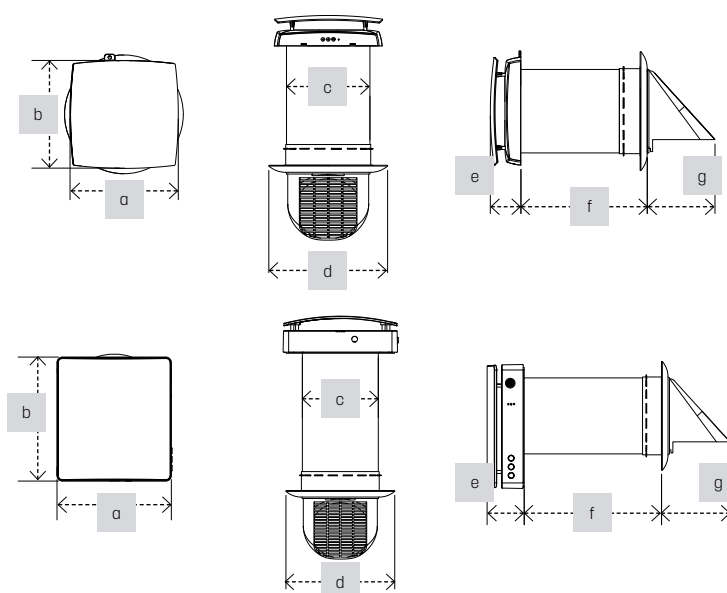
KEY FEATURES

- Airflow ranges from 20 m³/h to 64 m³/h
- Heat and moisture recovery via a ceramic exchanger
- Fan with reversible EC motor and a shutter
- Ductless installation
- Operates in regenerative or ventilation mode
- Energy class A
- Model with CO₂ or RH sensor
- Model with Wi-Fi
- Energy class A



✓ REMAINS IN THE OFFER

	PRODUCT NAME	PRODUCT CODE	MAXIMUM RECOVERY EFFICIENCY	NOMINAL AIRFLOW	VOLTAGE / FREQUENCY	MOTOR POWER	NET WEIGHT	NOISE LEVEL	ENERGY CLASS
			%	m ³ /h 3 stage 2 stage 1 stage	V/Hz	W	kg	dB	
✓	WALLER 64	WALLER-64-2046	76	64 42 20	230/50-60	12	3,5	46	A
✓	WALLER WiFi	WALLER-WIFI-2446	76	64 55 26	230/50-60	12	3,5	46	A
✓	WALLER WiFi CO2	WALLER-CO2-2451	76	50 40 20	100-240/50-60	7,8 7 6	4,5	37	A
✓	WALLER WiFi RH	WALLER-RH-2450	76	50 40 20	100-240/50-60	7,8 7 6	4,5	37	A



WALLER 64

a. 205 mm
b. 205 mm
c. Ø158 mm
d. Ø226 mm
e. 62 mm
f. 280-800* mm
g. 143 mm

WALLER Wi-Fi

a. 205 mm
b. 205 mm
c. Ø158 mm
d. Ø226 mm
e. 62 mm
f. 280-800* mm
g. 143 mm

WALLER CO2

a. 240 mm
b. 258 mm
c. Ø158 mm
d. Ø226,4 mm
e. 77,2 mm
f. 280-800* mm
g. 142,5 mm

WALLER RH

a. 240 mm
b. 258 mm
c. Ø158 mm
d. Ø226,4 mm
e. 77,2 mm
f. 280-800* mm
g. 142,5 mm

CONTROLLERS AND AUTOMATION

Controllers, speed controllers and automation devices compatible with HRV & ERV

PRODUCT NAME	PRODUCT CODE	INSPIRO BASIC	INSPIRO	VERTIC	WALLER
CO2 sensor INSPIRO	INSPIRO-CO2-1979		•		
CO2 sensor VERTIC	VERTIC-CO2-2053			•	
Humidity sensor	INSPIRO-HUM-1980		•		
PREMIUM control panel	INSPIRO-CON-1978		•		
VERTIC control panel	VERTIC-IP-2050			•	
Wi-Fi module INSPIRO	MF-2043		•		
Wi-Fi module VERTIC	MF-VERTIC-2328			•	

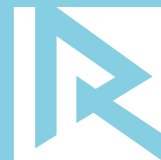
ACCESSORIES

PRODUCT NAME	CODE	INSPIRO BASIC	INSPIRO	VERTIC	WALLER
FILTER ISO coarse $\geq$ 50% / G3 INSPIRO 150/BASIC 200	FEU3-150-B200-2057	•	•		
FILTER ISO coarse $\geq$ 50% / G3 INSPIRO 250/BASIC 300	FEU3-250-B300-2058	•	•		
FILTER ISO coarse $\geq$ 50% / G3 INSPIRO 350/BASIC 400	FEU3-350-B400-2059	•	•		
FILTER ISO coarse $\geq$ 50% / G3 INSPIRO 500/BASIC 600	FEU3-500-B600-2060	•	•		
FILTER ISO coarse $\geq$ 50% / G3 INSPIRO 650/BASIC 800	FEU3-650-B800-2061	•	•		
FILTER ISO coarse $\geq$ 50% / G3 INSPIRO 800/BASIC 1000	FEU3-800-2062	•	•		
FILTER ISO coarse $\geq$ 50% / G3 INSPIRO BASIC 1300	FEU3-B1300-2100	•			
FILTER ISO coarse $\geq$ 50% / G3 INSPIRO 1000/1300	FEU3-1000-1300-2101		•		
FILTER ISO ePM1 $\geq$ 50% / F7 WALLER 64 & WALLER Wi-Fi	FEU7-WALLER-2448				•
FILTER ISO ePM1 $\geq$ 50% / F7 WALLER Wi-Fi CO ₂ /RH	FEU7-WALLER-2453				•
FILTER ISO coarse $\geq$ 60% / G4 VERTIC 250/350	VERTIC-EU4-250-350-2329			•	
FILTER ISO coarse $\geq$ 60% / G4 VERTIC 500	VERTIC-EU4-500-2330			•	
FILTER ISO coarse $\geq$ 60% / G4 VERTIC 250/350 BYPASS	VERTIC-EU4-250-350BP-2331			•	
FILTER ISO coarse $\geq$ 60% / G4 VERTIC 500 BYPASS	VERTIC-EU4-500BP-2332			•	
FILTER ISO coarse $\geq$ 70% / F9 INSPIRO 150	FEU9-150-2069		•		
FILTER ISO coarse $\geq$ 70% / F9 INSPIRO 250	FEU9-250-2070		•		
FILTER ISO coarse $\geq$ 70% / F9 INSPIRO 350	FEU9-350-2071		•		
FILTER ISO coarse $\geq$ 70% / F9 INSPIRO 500	FEU9-500-2072		•		

CONTINUED ON NEXT PAGE

FILTER ISO coarse $\geq 70\%$ / F9 INSPIRO 650	FEU9-650-2073		•		
FILTER ISO coarse $\geq 70\%$ / F9 INSPIRO 800	FEU9-800-2074		•		
FILTER ISO coarse $\geq 70\%$ / F9 INSPIRO 1000/1300	FEU9-1000-1300-2103		•		
FILTER ISO ePM1 $\geq 50\%$ / F7 INSPIRO 150	FEU7-150-2063		•		
FILTER ISO ePM1 $\geq 50\%$ / F7 INSPIRO 250	FEU7-250-2064		•		
FILTER ISO ePM1 $\geq 50\%$ / F7 INSPIRO 350	FEU7-350-2065		•		
FILTER ISO ePM1 $\geq 50\%$ / F7 INSPIRO 500	FEU7-500-2066		•		
FILTER ISO ePM1 $\geq 50\%$ / F7 INSPIRO 650	FEU7-650-2067		•		
FILTER ISO ePM1 $\geq 50\%$ / F7 INSPIRO 800	FEU7-800-2068		•		
FILTER ISO ePM1 $\geq 50\%$ / F7 INSPIRO 1000/1300	FEU7-1000-1300-2102		•		
FILTER ISO ePM1 $\geq 50\%$ / F7 VERTIC 250/350	VERTIC-F7-250-350-2051			•	
FILTER ISO ePM1 $\geq 50\%$ / F7 VERTIC 500	VERTIC-F7-500-2052			•	
Electric circular duct heater 150mm/1.2 kW	EPH-INSPIRO150-350-2038		•		
Electric circular duct heater 200mm/2.4 kW	EPH-INSPIRO500-2039		•		
Electric circular duct heater 250mm/2.4 kW	EPH-INSPIRO650/800-2040		•		
Electric circular duct heater 250mm/3.6 kW	EPH-INSPIRO1000/1300-2041		•		
Electric circular duct heater with an integrated controller 150mm/1.2 kW	EDH-150-12-2324	•	•	•	
Electric circular duct heater with an integrated controller 200mm/2.4 kW	EDH-200-24-2325	•	•	•	
Electric circular duct heater with an integrated controller 250mm/2.4 kW	EDH-250-24-2326	•	•	•	
Electric circular duct heater with an integrated controller 250mm/3.6 kW	EDH2-250-36-2327	•	•	•	
Duct Extension	EP-64-2421				•





Air conditioners

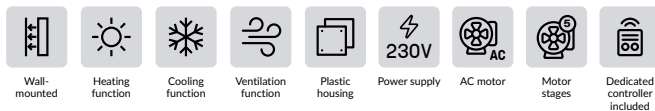
Wall-mounted air conditioner

VESPER

COOLING CAPACITY RANGE: **1 kW - 5,91 kW**



Technical
documentation



The VESPER split air conditioner offers an easy and efficient way to control the indoor temperature of any environment, such as offices, hotel rooms, shops or apartments. The unit offers both cooling and heating modes and features an eco-friendly R32 refrigerant. The device can be operated via remote or a dedicated mobile application.

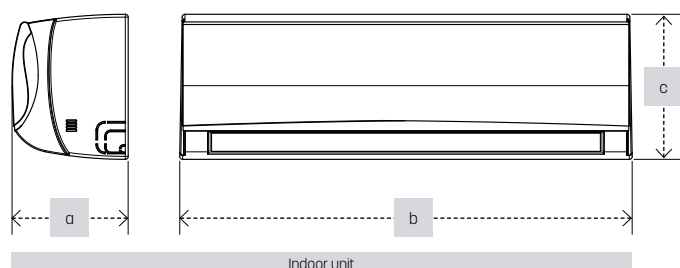
KEY FEATURES

- Split type
- Cooling capacity ranges from 1 kW to 5,91 kW
- Heating capacity ranges from 1 kW to 6,07 kW
- SEER: 6,1 (A++)
- SCOP: 4 (A+)
- Indoor airflow ranges from 305 m³/h to 800 m³/h
- R32 refrigerant
- Multi-modes + Wi-Fi



✓ REMAINS IN THE OFFER

PRODUCT NAME	PRODUCT CODE	COOLING POWER kW	HEATING POWER kW	SEER W/W	SCOP W/W	COOLING ENERGY CLASS	HEATING ENERGY CLASS	VOLTAGE / FREQUENCY V/Hz	NET WEIGHT kg indoor unit outdoor unit	NOISE LEVEL dB (A) indoor unit outdoor unit
✓ VESPER 3.4	AC-VESPER34-2336	3,40 (1 - 3,81)	3,42 (1 - 3,77)	6,1	4,0	A++	A+	230/50	10 (indoor) 25 (outdoor)	40/37/33/25/22 (indoor) 50 (outdoor)
✓ VESPER 5.1	AC-VESPER51-2337	5,10 (1,25-5,91)	5,10 (1,25-6,07)	6,1	4,0	A++	A+	230/50	13 (indoor) 39 (outdoor)	43/41/38/35/27 (indoor) 55 (outdoor)

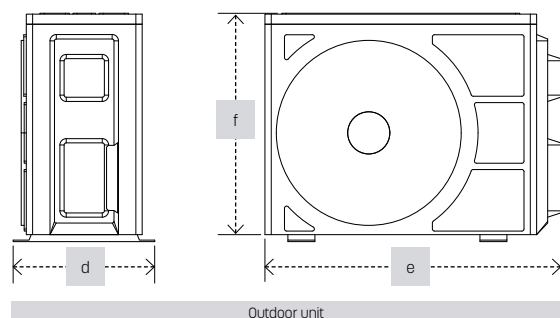


VESPER 3.4

a. 201 mm
b. 777 mm
c. 250 mm
d. 276 mm
e. 712 mm
f. 853 mm

VESPER 5.1

a. 206 mm
b. 910 mm
c. 294 mm
d. 349 mm
e. 602 mm
f. 602 mm



ACCESSORIES

PRODUCT NAME	PRODUCT CODE
Mounting brackets VESPER	MB-VESPER-2338
Copper pipe 1/4" [1m]	CP14-2339
Copper pipe 3/8" [1m]	CP382340



Controllers & accessories

3-STAGE SPEED CONTROLLER WITH THERMOSTAT HC3S

The controller features three-stage fan speed regulation and an integrated thermostat that activates or deactivates the device based on the set temperature. It controls valve actuators, making it ideal for unit heaters with three-speed fan motors.

RTHC3S-1779



- Voltage/frequency: 230 V AC, 50–60 Hz
- Maximum current: 3 A
- Operating temperature range: –10 °C to +60 °C
- Control temperature range: +10 °C to +30 °C
- Operating modes: continuous or thermostatic
- Control accuracy: ± 1 °C
- Dimensions: 130 × 85 × 40 mm
- IP30

PROGRAMMABLE CONTROLLER HMI BMS

The controller regulates devices with three-stage fan motors and operates automatically based on a set temperature programme.

It features an LCD display, supports an external temperature sensor (included), and controls valve actuators. MODBUS protocol enables integration with Building Management Systems (BMS).

PCHMI-1797



- Voltage/frequency: 230 V AC / 50–60 Hz
- Maximum current: 5 A
- Operating temperature range: 0 °C to 45 °C
- Control temperature range: 5 °C to 35 °C
- Control accuracy: ± 0,5 °C
- Additional temperature sensor: NTC 10K
- Data Transmission Standard (BMS): RS485 / MODBUS
- Dimensions: 86 x 86 x 13.3 mm
- IP20

FAN SPEED CONTROLLER HC (1.2-14 A)

The HC speed controller is designed for voltage regulation of fan motors in industrial air supply and heating systems. It is available in several versions, with selection based on the total load of connected devices.

1,2A - FSHC-1520 7A - FS7HC-1608
 3A - FS3HC-2104 14A - FS14HC-1610
 5A - FS5HC-1607



- Voltage/frequency: 230 V AC, 50–60 Hz
- Maximum current (depending on model): 1,2 A / 3 A / 5 A / 7 A / 14 A
- Operating temperature range: 0 °C to +40 °C
- Protection: thermal circuit breaker
- Weight (depending on version): 1,45 kg / 2,5 kg / 4,5 kg / 5,5 kg / 10,5 kg
- IP54

FAN SPEED CONTROLLER FARMER (3.0 A)

The FARMER fan speed controller is designed for 5-step voltage regulation of fan motors in industrial ventilation and heating systems. The device features a KickStart function, which supplies maximum voltage for the first 2 minutes to ensure smooth and safe motor start-up. This solution eliminates issues related to motor start-up, especially under demanding working conditions, extending motor lifespan and enhancing system reliability.

Voltage regulation (5-step): 120-135-160-175-230 V

FS3FARMER-2523



- Voltage/power supply: 230 V AC, 50–60 Hz
- Maximum current: 3 A
- Operating temperature range: 0 °C to +40 °C
- Protection: thermal circuit breaker
- Weight: 2,5 kg
- IP54

MANUAL THERMOSTAT HC

The manual thermostat HC controls heating and cooling devices. It switches the device on or off based on the set temperature and includes a built-in gas membrane temperature sensor.

RTHC-1523



- Voltage/frequency: 230 V AC, 50–60 Hz
- Maximum current: 3 A
- Operating temperature range: –10 °C to +60 °C
- Control temperature range: +10 °C to +30 °C
- Control accuracy: ± 1 °C
- Dimensions: 83 × 83 × 38 mm
- IP30

MANUAL THERMOSTAT IP54

The manual thermostat automatically switches heating or cooling equipment on or off based on the difference between the set temperature (adjusted via the control knob) and the actual room temperature. Designed for use in harsh and humid industrial or agricultural environments such as warehouses, greenhouses, and livestock facilities.

MT54-2341



- Voltage/frequency: 230 V AC, 50–60 Hz
- Maximum current: 5 A
- Operating temperature range: 0 °C to +44 °C
- Control temperature range: 0 °C to +40 °C
- Control accuracy: < 2 °C
- IP54

THYRISTOR FAN SPEED CONTROLLER TRO

The TRO speed controller is designed to regulate the speed of fans driven by AC motors. Based on thyristor technology, it enables smooth motor speed control. Available in two models: TRO-150W and TRO-600W, depending on load requirements.

TRO-150W - FS-TRO150-2054
TRO-600W - FS-TRO600-2055



- Voltage/frequency: 220–240 V AC, 50–60 Hz
- Operating temperature range: –20 °C +55 °C
- Maximum Load: TRO-150W: 150 W
- Maximum Load: TRO-600W: 600 W
- Dimensions TRO-150W: 86 × 86 × 42 mm
- Dimensions TRO-600W: 86 × 86 × 40 mm
- IP20

EC POTENTIOMETER

The EC potentiometer is used to control EC motors via a 0–10 V control signal.

A convenient rotary knob allows smooth adjustment of fan output from 0% to 100%. The device also features an integrated switch that disconnects power from the fans.

PEC-2444



- Output signal: 0–10 V
- Voltage/frequency: 10 V DC, 1 mA
- Impedance: 10 k Ω $\pm$ 20%
- Switching contact rating: 3 A at 230 V AC or 3 A at 12 V DC
- Dimensions: 67 × 126 × 70 mm
- IP20

PROGRAMMABLE CONTROLLER HMI WI-FI

This programmable controller regulates a three-stage fan and a valve actuator based on the difference between the set temperature and the measured room temperature. It supports heating, cooling, ventilation modes and features an LED display. The controller connects via Wi-Fi to a dedicated mobile app, enabling convenient remote control from a smartphone.

PCHMI-WIFI-2301



- Voltage/frequency: 95–240 V AC, 50–60 Hz
- Operating temperature range: 0 °C to +45 °C
- Control temperature range: 5 °C to +35 °C
- Control accuracy: ± 0,5 °C
- Additional temperature sensor: NTC 10K
- Dimensions: 88 × 88 × 42 mm
- IP20

PROGRAMMABLE CONTROLLER HMI SINGLE BMS

The controller regulates devices with single-stage motors and operates automatically based on a set temperature programme. It features an LCD, supports an external temperature sensor (included) and controls valve actuators. The device can work in one of two modes – thermostatic or temperature difference. The device can be integrated with a Building Management System through MODBUS.

HMI-SIN-2021



- Voltage/frequency: 230 V AC / 50–60 Hz
- Maximum current: 5 A
- Operating temperature range: 0 °C to +45 °C
- Control temperature range: 5 °C to +35 °C
- Control accuracy: ± 0,5 °C
- Additional temperature sensor: NTC 10K
- Data Transmission Standard (BMS): RS485 / MODBUS
- IP20
- Dimensions: 86 × 86 × 13,3 mm

PROGRAMMABLE CONTROLLER HMI EC BMS

The controller regulates devices equipped with EC motors, allowing the user to pre-define three speed levels (first: 0–30%, second 40% – 70%, third: 80% – 100%). It operates automatically based on a set temperature programme. The unit features an LCD, supports an external temperature sensor (included), and controls valve actuators. Integration with a Building Management System is possible via the MODBUS protocol over RS485.

HMIEC-1997



- Voltage/frequency: 230 V AC / 50–60 Hz
- Maximum current: 5 A
- Operating temperature range: 0 °C to +45 °C
- Control temperature range: 5 °C to +35 °C
- Control accuracy: ± 0,5 °C
- External temperature sensor: NTC 10K
- Data transmission standard (BMS): RS485 / MODBUS
- IP20
- Dimensions: 86 × 86 × 13,3 mm

CONTROLLER WITH THERMOSTAT HMI CURTAIN BMS

The controller regulates air curtains with three-stage fans and operates automatically based on a set temperature programme. It features an LCD, built-in temperature sensor and controls valve actuators. To enable fully automatic operation, a controller must be connected to the door switch. The device can be integrated with a Building Management System through MODBUS.

HMI-2003



- Voltage/frequency: 230 V AC / 50–60 Hz
- Maximum current: 5 A
- Operating temperature range: 0 °C to +45 °C
- Control temperature range: 5 °C to +35 °C
- Control accuracy: ± 0,5 °C
- Data transmission standard (BMS): RS485 / MODBUS
- IP20
- Dimensions: 86 × 86 × 13,3 mm

RELAY MODULE RM-16A

The RM-16A relay module enables connection of external devices that draw more current than the regulator alone can support. It allows the regulator to control external devices with a current draw of up to 16 A, without exceeding the regulator's own load capacity.

RM16A-2343



- Voltage/frequency: 230 V AC, 50–60 Hz
- Maximum load current: 16 A
- Inputs: Volt-free (NO / COM), SL voltage
- Relay output: NO / COM / NC
- Dimensions: 47 × 47 × 20 mm

TWO-WAY VALVE WITH ACTUATOR HC 3/4"

A two-way valve with an actuator regulates the system by slowly opening or closing the flow of the working medium. Best suited for unit heaters with water-based heat exchangers.

VAHC-1524



- Voltage/frequency: 230 V AC, 50–60 Hz
- Power consumption: 2 W
- Kvs value: 6,3 m³/h
- Stroke: 3 mm
- Actuator operating temperature range: –5 °C to +60 °C
- Media temperature: 2 °C to 100 °C (in valve)
- Opening time: 3 - 5 minutes
- IP54

THREE-WAY VALVE WITH ACTUATOR HC 3/4"

A three-way valve with an actuator regulates the system by quickly opening or closing the flow of the working medium. Best suited for unit heaters with water-based heat exchangers.

VAHC3-1998



- Voltage/frequency: 230 V AC, 50–60 Hz
- Power consumption: 7 W
- Kvs value: 6,5 m³/h
- Actuator operating temperature range: 0 °C to +40 °C
- Media temperature: 2 °C to 93 °C (in valve)
- Opening time (motor-driven): 18 s
- Closing time (spring return): 5 s
- IP20

BASIC CONTROL PANEL

The controller is responsible for ensuring the optimal operation of the BASIC series heat recovery unit. It offers a programmable fan speed selection mode, filter contamination signaling (after 1000 hours of operation), a manual bypass opening function, integration with BMS, and an LCD display.

included with INSPIRO BASIC



- Output signal: 0–10 V
- Voltage/frequency: 10 V DC, 1 mA
- Impedance: 10 kΩ ± 20%
- Contact rating: 3 A at 230 V AC or 3 A at 12 V DC
- Dimensions: 67 × 126 × 70 mm
- IP20

SMART CONTROL PANEL

The controller is responsible for ensuring the optimal operation of the INSPIRO series heat recovery unit. It offers a programmable fan speed selection mode, filter contamination signaling, a humidity or CO2 sensor mode, an automatic bypass opening function, the ability to modify defrosting parameters, sensor control, filter alarm interval, integration with BMS, and an LCD display.

included with INSPIRO BASIC



- Voltage/frequency: 95–240 V AC, 50–60 Hz
- Operating temperature range: 0 °C do +45 °C
- Control temperature range: 5 °C do +35 °C
- Control accuracy: $\pm 0,5$ °C
- External temperature sensor: NTC 10K
- Dimensions: 88 × 88 × 42 mm
- IP20

VERTIC CONTROL PANEL

The VERTIC control panel is equipped with an LCD, combining modern design with intuitive functionality to suit any interior. The panel is designed for use with VERTIC heat or energy recovery units.

VERTIC-IP-2050



- Programmable fan speed control
- Filter contamination indication
- Humidity and optional CO₂ sensor modes
- Automatic bypass control
- Real-time parameters display
- Full configurability of device parameters and accessories

PREMIUM CONTROL PANEL

The PREMIUM control panel features an LCD, combining modern design with intuitive functionality to suit any interior. The control panel is designed for use with INSPIRO energy recovery units. It supports integration with a humidity sensor, enabling enhanced indoor climate control.

INSPIRO-CON-1978



- LCD with touch buttons
- Compatible with INSPIRO ERVs
- 5 m cable included (extendable)
- Supports humidity and CO₂ sensor connection
- Simple wall-mounted installation
- User-friendly interface

MIXING CHAMBER MC

Mixing chambers MC are devices designed to work together with HC unit heaters, improving the mechanical and supply ventilation. These chambers mix fresh outdoor air with recirculated indoor air, helping to reduce energy consumption and maintain a constant indoor temperature.

for HC20-45 - MCHC2045-1782
for HC50-80 - MCHC5080-2016



Technical parameters depend on the type of unit heater used.

- Heating capacity ranges from 1.08 kW to 66.7 kW
- Airflow capacity ranges from 450 m³/h to 3000 m³/h
- Weight ranges from 31.5 kg to 44.5 kg

MAINTENANCE SWITCH MS 230/400V

The MS switch safely disconnects power for maintenance work. It features a surface-mounted rotary design in a durable plastic housing with IP65 protection, suitable for commercial and industrial use. Variants are available with additional NO and NC auxiliary contacts.

230V - MS230-2419
400V - MS400-2420



- 90° switching angle
- Easy cable connection via M20/25 knockouts
- Fulfills load break requirements up to 690 VAC
- Terminal screws in open position
- Padlockable in off-position
- Dimensions: 100 x 125 x 120 mm

CONFUSOR

Increases the outlet air velocity from the HC-3S heater, and consequently, extends its reach.



- Made of galvanised steel with a powder-coated finish
- Maximum operating temperature: up to 150°C
- Manufactured in Poland

DIFFUSER 360

Thanks to its design, it creates a vortex of the air blown through the HC-3S heater, which improves its mixing with the air already present in the room.



- Made of galvanised steel with a powder-coated finish
- Maximum operating temperature: up to 150°C
- Manufactured in Poland

ELECTRIC CIRCULAR DUCT HEATER

The electric duct heater is designed for installation in circular ventilation ducts and serves as a pre-heating element to prevent freezing of the exchanger in energy recovery units. It warms incoming air before it enters the unit, ensuring reliable operation in low temperatures.

with controller	without controller
EDH-150-12-2324	EPH-INSPIRO1000/1300-2041
EDH-200-24-2325	EPH-INSPIRO150-350-2038
EDH2-250-36-2327	EPH-INSPIRO500-2039
EDH-250-24-2326	EPH-INSPIRO650/800-2040



Available versions:

- Electric circular duct heater for use with INSPIRO ERV systems
- Electric circular duct heater with an integrated controller for INSPIRO BASIC ERV
- Electric circular duct heater with an integrated controller for VERTIC HRV & ERV

GRAVITY SHUTTER GS

The GS gravity shutter is specifically designed as the end piece of ventilation ducts. It is a perfect solution for use with exhaust fans, providing effective protection against backdraft, rain and other external factors.

The forced airflow inside the duct (e.g., generated by a fan) lifts the shutter blades, allowing stale air to be efficiently exhausted to the outside. When there is no airflow, the shutter's design automatically prevents air from flowing back into the building.

Additionally, during winter months, the gravity shutter helps reduce heat loss through unused ventilation openings.

GS-300-2075	GS-550-2079
GS-350-2076	GS-650-2080
GS-400-2077	GS-800-2081
GS-460-2078	GS-1000-2501



- Frame made of powder-coated steel
- Shutter blades made of polyvinyl chloride
- Frame colour: RAL 9023
- Shutter colour: RAL 7024
- Maximum working temperature: +50°C



reventon
INDUSTRIAL SOLUTIONS



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