Heat pump					
Model	RFS-5-36Y-C	RFS-8-45Y-C	RFS-12-65Y-C	RFS-16-85Y-C	RFS-20-100Y-C
Compressor power, (kW)	27,7	2x23,7	2x34,1	4x24	4x27,2
Compressor power consumption (kW)	8,06	2x6,93	2x10,4	4x6,97	4x8,28
Number of compressors, pcs.	1	2	2	4	4
Evaporator power, (kW)	27,76	47,4	68,21	96,03	108,83
Number of evaporators, pcs.	1	1	1	1	1
Number of gas circuits:					
Evaporator, pcs.	1	1	2	2	2
Capacitor, pcs.	1	1	1	1	1
Boiling temperature, °C	5	5	5	5	5
Evaporation temperature, °C	48,7	48,9	49,7	48	49.9
Cryogen	R410A	R410A	R410A	R410A	R410A

Fans					
Model	RFS-5-36Y-C	RFS-8-45Y-C	RFS-12-65Y-C	RFS-16-85Y-C	RFS-20-100Y-C
Supply fan capacity, m3/hour	4506	7063	9001	13726	16425
Full pressure of supply fan, Ra	466	421	422	506	599
Axial fan capacity, m3/hour	10349	18992	29349	38623	38604
Dynamic pressure of axial fans, Ra	49,2	62	38,1	44,2	44,2
Number of supply fans, pcs.	4	4	2	2	1
Number of axial fans, pcs.	2	2	2	2	1

Gas heating					
Model	RFS-5-36Y-C	RFS-8-45Y-C	RFS-12-65Y-C	RFS-16-85Y-C	RFS-20-100Y-C
Maximum power output (kW)	34,85	82	100	130	130
Minimum power output (kW)	7,6	16,4	21	12,4	12,4
Connection	3/4”	3/4”	3/4”	11/2”	11/2”

Electric heater					
Model	RFS-5-36Y-C	RFS-8-45Y-C	RFS-12-65Y-C	RFS-16-85Y-C	RFS-20-100Y-C
Total power (kW)	19,1	36	40,8	58,5	70,2
Number of stages	2	2	2	3	3

Dimensions of the unit					
Model	RFS-5-36Y-C	RFS-8-45Y-C	RFS-12-65Y-C	RFS-16-85Y-C	RFS-20-100Y-C
Length (L), mm	200	2250	3000	4250	4250
Width (W), mm	1600	1940	2500	2300	2300
Height (H), mm	1410	1760	2211,9	1750	1750
Weight, kg	454	552	996	1263	1261

* Parameters calculated for 350°C / 40% outside air. The manufacturer reserves the right to make changes that do not impair the consumer characteristics of the equipment.

AEROSTAR



VENTILATION SOLUTIONS FOR THE RESIDENTIAL SECTOR



20000м²
AREA
OF PRODUCTION
FACILITIES

484
EMPLOYEES

Annual production capacity

4350
TONES OF METAL

3840
AIR TREATMENT SYSTEMS

Why choose us:

- Medical institutions
- Logistics centers
- Educational institutions
- Critical infrastructure enterprises
- Industrial enterprises
- Commercial facilities
- Residential complexes
- Sports facilities
- Public buildings

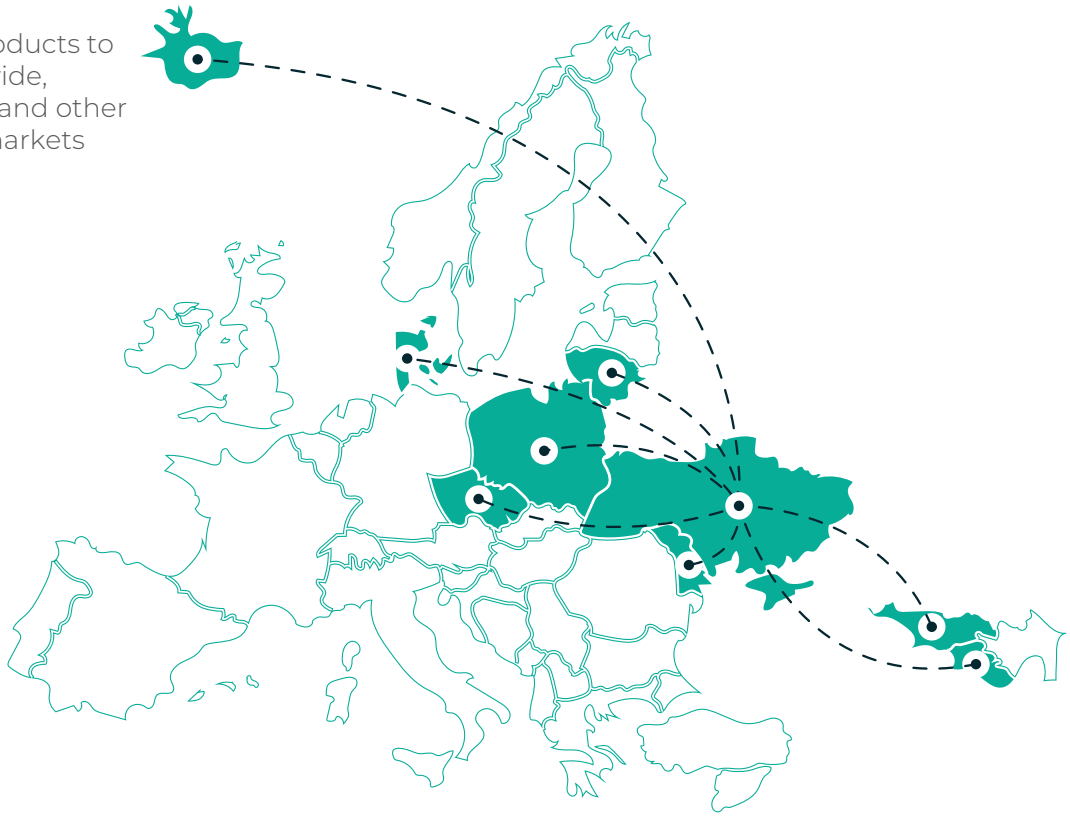


Ukrainian manufacturer of energy-efficient ventilation and air conditioning equipment.

SUPPLY GEOGRAPHY

Aerostar supplies its products to many countries worldwide, including Europe, Asia, and other continents. The main markets include:

- **Poland**
- **Czech Republic**
- **Denmark**
- **Thailand**
- **Iceland**
- **Georgia**
- **Armenia**
- **Moldova**
- **Lithuania**





Modern housing is all about comfort, safety, and energy efficiency by default. Ventilation in an apartment/private house is about caring for the health of its residents.
It ensures well-being and sound sleep.
The ventilation system maintains the necessary level of oxygen in the air and controls the CO2 content. It protects against dust and dirt. Filters allow only purified fresh air from the street to enter the room.

MAINTAINS OPTIMAL AIR HUMIDITY IN THE ROOM

Ensures proper moisture balance for skin and hair, no dryness. Static tension on surfaces disappears and there is virtually no dust in the apartment.

AIRING IS NOT AN ALTERNATIVE TO VENTILATION

It will not provide a comfortable climate and the necessary air parameters.
Open windows are a source of noise, dust, unpleasant odors, and insects from the street, cold drafts, and most importantly, a cause of heat loss.

What will you get?

Quiet equipment that will not interfere with work or rest.

With highly energy-efficient components, you save on electricity bills.

All units are equipped with a built-in Wi-Fi module, allowing you to control the main parameters of Aerostar equipment using a smartphone from anywhere in the world.

Easy-to-install and configure equipment, as it comes with a “Plug-and-Play” system.

The equipment comes in a compact case and can be easily adapted to any interior.
The Aerostar system is designed to provide a comfortable indoor climate in residential and commercial buildings.

All units are delivered with built-in automation. Controllers and all control elements are pre-configured and ready to use.

Ease of Use

The built-in automation enables the following features:

- Control of dampers with servomotors, humidification, and other available options
- Smooth maintenance of supply air temperature
- Automatic restart of the unit after a power failure
- Limitation of adjustable parameter ranges as set
- Maintenance of supply air temperature
- Fault alarm with notification on smartphone or control panel (optional)
- Filter clogging alert
- Free-cooling technology – cooling the space using ambient air without compressors or other energy-intensive equipment

AEROSTAR APP — control your climate equipment from your smartphone

Це дає можливість:

- Monitor equipment performance
- Change settings
- Contact AEROSTAR service 24/7
- View all units on a single screen Set
- a personalized schedule Receive
- instant alerts for any faults

The units are often installed in hard-to-reach ventilation chambers.
The app allows you to quickly change settings and is not tied to a geographical location: you can control the operation of the unit both from a neighboring room and from anywhere in the world, which is especially important in case of force majeure.

FOR **IOS** DEVICES

FOR **ANDROID** DEVICES

With the Aerostar App, you can operate the equipment yourself, without any special knowledge.



Current equipment specifications are available in the AeroSelect selection program. Be sure to check with your manager for details.

CROSSSTAR MINI



TYPE OF INSTALLATION
Energy-saving supply and exhaust unit with rotary heat exchanger

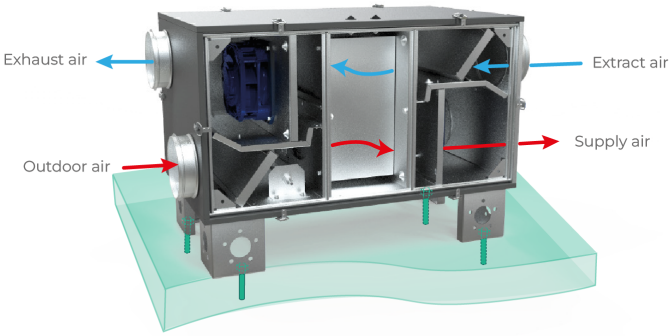
PERFORMANCE
up to 1000 m³/hour

APPLICATION AREA
A comprehensive solution for local ventilation of small and medium-sized residential spaces.

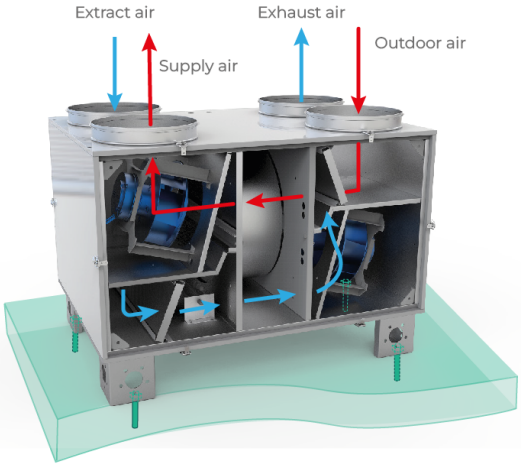
Saves up to 82% of energy and operating costs thanks to the most energy-efficient components.

The compact housing and lack of drainage greatly simplify installation and maintenance.

Horizontal installation of CSMINI X with air discharge to the side



Vertical installation of CSMINI XV with air discharge to the side



Type size	Height (H, мм)	Width (B, мм)	Length (L, мм)	Feet мм	Air duct connection size
CS mini 500 EC X	485	562	1000	85	Ø160
CS mini 750 EC X	550	662	1050	85	Ø250
CS mini 1000 EC X	620	800	1200	85	Ø315

*The specified height values (H) do not include the equipment legs, which are 85 mm high in the standard version.

**Final technical specifications are determined according to individual customer requirements.

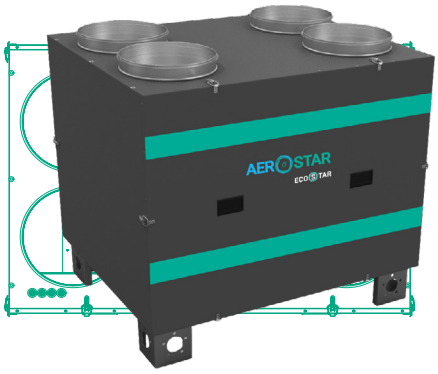
Type size	Height (H, mm)	Width (B, mm	Length (L, mm)	Feet mm	Air duct connection size
CS mini 200 EC XV	680	439	600	85	Ø125
CS mini 250 EC XV	485	560	750	85	Ø160
CS mini 400 EC XV	750	480	680	85	Ø160
CS mini 500 EC XV	535	662	900	85	Ø160
CS mini 750 EC XV	600	662	950	85	Ø160
CS mini 1000 EC XV	670	800	1100	85	Ø160

ADDITIONAL OPTIONS

- Water heating
- Electric heating
- Water cooler
- Freon cooler
- Reversible heating
- Connecting the air quality sensor / humidity sensor

Current equipment specifications are available in the AeroSelect selection program. Be sure to check with your manager for details.

ECOSTAR



TYPE OF INSTALLATION
energy-saving supply and exhaust unit with plate heat exchanger

PERFORMANCE
up to 1000 m³/hour

APPLICATION AREA
Comprehensive solution for local ventilation of small and medium-sized residential premises.

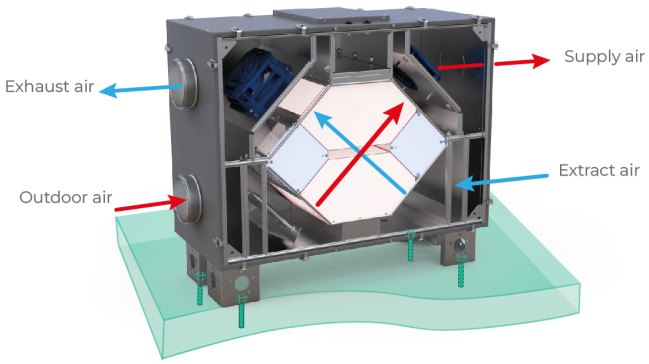
Ensures well-being and sound sleep.
For human health, it is important that the carbon dioxide level in the apartment does not exceed 600 ppm.

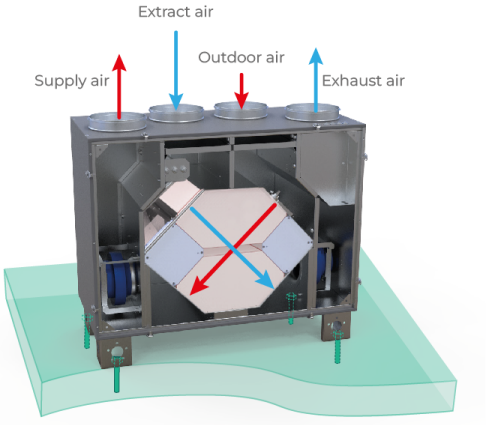
Prevents excessive moisture build-up.
The airtightness of modern houses leads to moisture accumulation and condensation, which can cause mold, mildew, and dust mites to grow.

Saves up to 79% of energy and operating costs through the use of highly energy-efficient components.

Protects against bacteria and allergens. Filters allow only purified fresh air from outside to enter the room.

Innovation. Comfort. Coziness. Safety.





Type size	Height (H, mm)	Width (B, mm	Length (L, mm)	Feet mm	Air duct connection size
ES 500 EC X	802	498	1170	150	Ø160
ES 750 EC X	942	598	1250	150	Ø315
ES 1000 EC X	942	598	1250	150	Ø315

Type size	Height (H, mm)	Width (B, mm)	Length (L, mm)	Feet mm	Air duct connection size
ES 500 EC XV	857	498	1070	150	Ø160
ES 750 EC XV	975	598	1250	150	Ø250
ES 1000 EC XV	975	598	1250	150	Ø250

*The specified height values (H) do not include the equipment legs, which are 150 mm high in the standard version.

**When adding a bypass, the dimensions of the installation change. Please check the current dimensions with your manager or check them using the selection program.

***The final technical characteristics are determined in accordance with the individual requirements of the customer.

ADDITIONAL OPTIONS

- Water heating
- Electric heating
- Water cooler
- Freon cooler
- Reversible heating
- Connecting the air quality sensor / humidity sensor

Current equipment specifications are available in the AeroSelect selection program. Be sure to check with your manager for details.

SKYSTAR MINI



TYPE OF INSTALLATION
compact suspended air handling units.

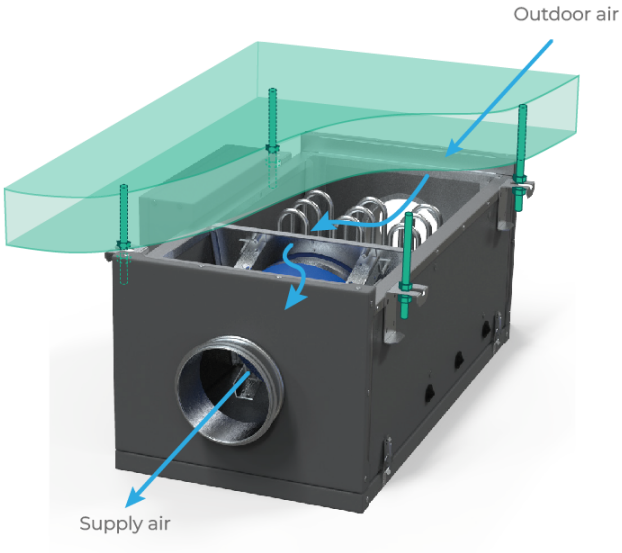
PERFORMANCE
up to 1000 m³/hour

APPLICATION AREA
administrative buildings, commercial and other premises with limited space.

Zinc-coated steel casing
filled with foil-faced mineral wool, 30 mm thick at the top/bottom and 50 mm thick on the side panels.

Easy to install
even above suspended ceilings, thanks to its ultra-compact housing (installation height from 345 mm).

Saves valuable space
in expensive commercial real estate, as it is attached to the ceiling.



Type size	Height (H, mm)	Width (B, mm)	Length (L, mm)	Air duct connection size
SS mini 100 EH	345	538	902	Ø100
SS mini 100 WH	345	540	902	Ø100
SS mini 125 EH	345	538	902	Ø125
SS mini 125 WH	345	540	902	Ø125
SS mini 160 EH	345	538	902	Ø160
SS mini 160 WH	345	540	902	Ø160
SS mini 200 EH	445	638	902	Ø200
SS mini 200 WH	445	638	902	Ø200
SS mini 250 EH	445	638	902	Ø250
SS mini 250 WH	445	638	902	Ø250
SS mini 315 EH	445	638	902	Ø315
SS mini 315 WH	445	638	902	Ø315
SS mini 60x30 EH	386	846	1000	600x300 (square air duct)
SS mini 60x30 WH	386	846	850	600x300 (square air duct)
SS mini 70x40 EH	487	946	1120	700x400 (square air duct)
SS mini 70x40 WH	487	946	950	700x400 (square air duct)

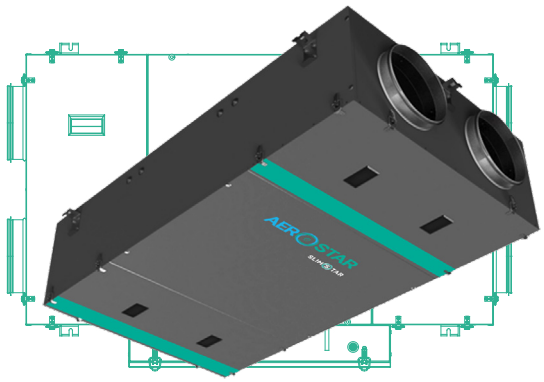
WH – Water heater
EH – Electric heater

ADDITIONAL OPTIONS

*The final technical characteristics are determined in accordance with the individual requirements of the customer.

- Freon cooler
- Reversible heating
- Connecting the air quality sensor / humidity sensor

SLIMSTAR



TYPE OF INSTALLATION
Multifunctional compact
supply and exhaust unit with plate or rotary heat exchanger.

PERFORMANCE
up to 1000 m³/hour

APPLICATION AREA
any type of premises, such as private houses, apartments, restaurants, salons, workshops, schools, administrative buildings, and even “clean” rooms with high air quality requirements.

Easy control anytime, anywhere from any convenient device.

Efficient heat recovery. Saves up to 79% in energy and operating costs thanks to the most energy-efficient components.

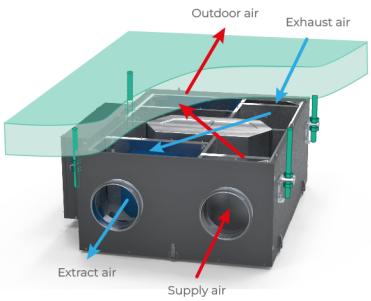
Ultra-compact housing. The thickness of the housing panels is 30 and 50 mm, depending on the dimensions. Reliable heat and sound insulation thanks to sandwich panels with mineral wool.

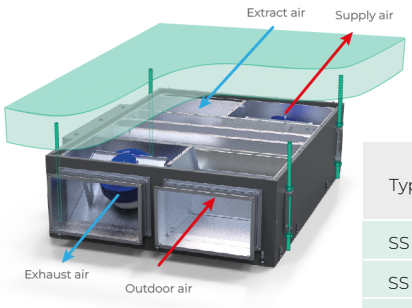
Convenient maintenance of the installation thanks to removable doors.

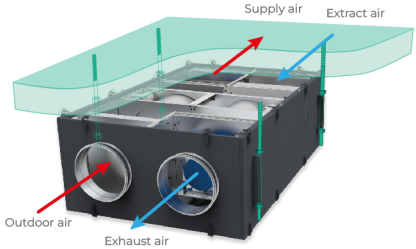
SLIMSTAR
with round connection (≤= 1000 m3/h)

SLIMSTAR
with square connection (≤1,000 m3/h)

SLIMSTAR RRS performance
with circular connection (≤1,000 m3/h)







Type size	Height (H, mm)	Width (B, mm	Length (L, mm)	Air duct connection size
SS 250 RRS	390	818	1100	Ø160
SS 500 RRS	430	790	1200	Ø200
SS 500 EC X	300	1010	1350	Ø200
SS 750 RRS	450	923	1400	Ø250
SS 750 EC X	360	953	1600	Ø250
SS 1000 RRS	450	923	1400	Ø250
SS 1000 EC X	360	953	1600	Ø250

RRS – Rotary heat exchanger
EC X – Horizontal connection with a plate heat exchanger

*When adding a bypass, the dimensions of the installation change. Please check the current dimensions with your manager or check them using the selection program.
**The final technical characteristics are determined in accordance with the individual requirements of the customer.

ADDITIONAL OPTIONS

- Water heating
- Water cooler
- Electric heating
- Freon cooler
- Reversible heating
- Bypass
- Connecting the air quality sensor / humidity sensor

Convenient unit control from your smartphone with Aerostar APP



Makes it simple at any time and from anywhere in the world:

- control the parameter of equipment operation
- manage the settings
- receive notifications of emergencies
- consult customer service of AEROSTAR

FOR ANDROID DEVICES

FOR IOS DEVICES

- individual settings
- all settings on one screen
- individual schedule
- reports
- instant notifications of accidents
- service support

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