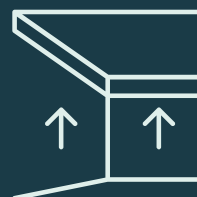


AEROSTAR

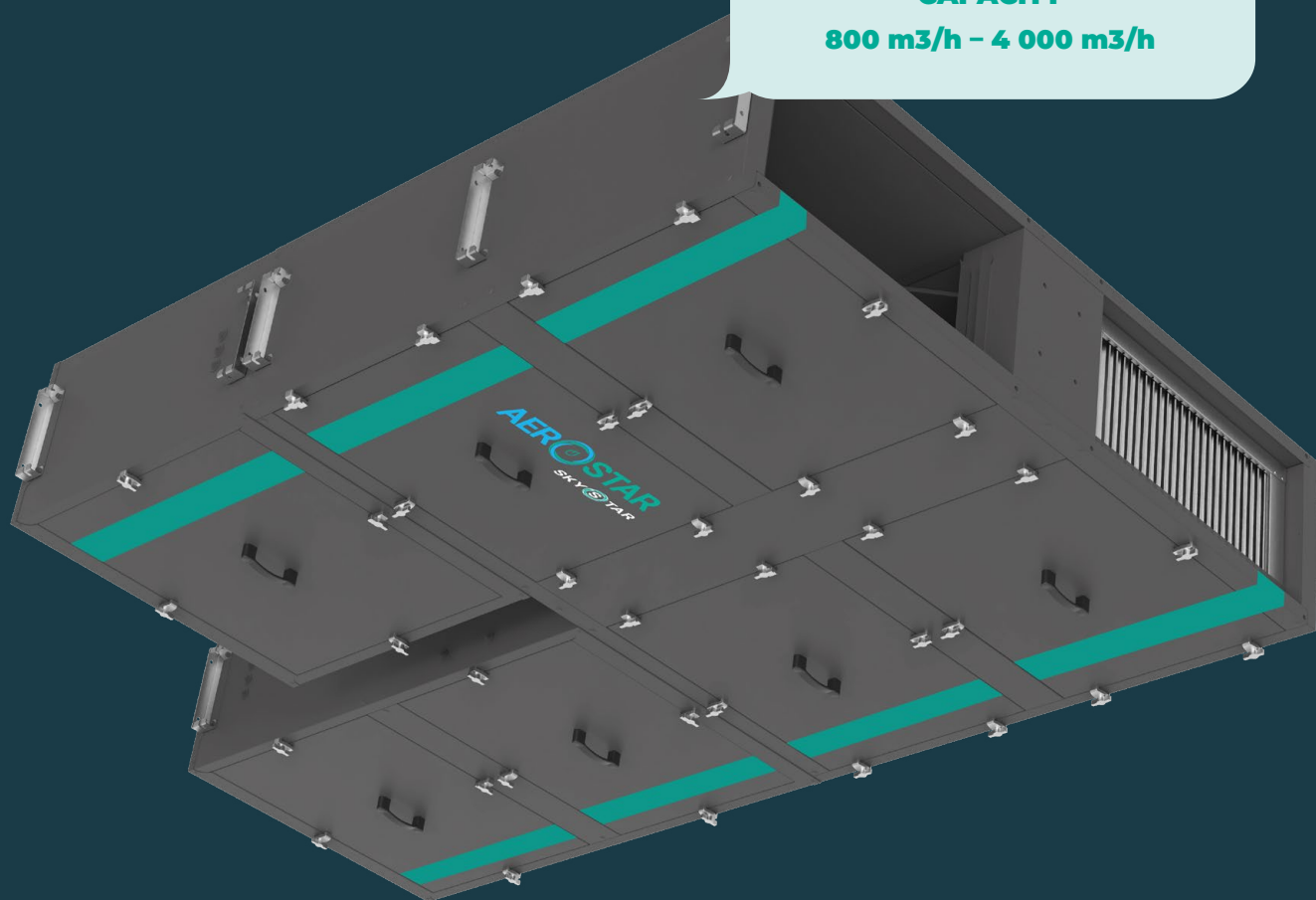
SkyStar



Compact systems with suspended mounting

CAPACITY

800 m³/h – 4 000 m³/h





Area of usage:

Facilities of various purposes.

Standard model range is presented with 5 standard sizes

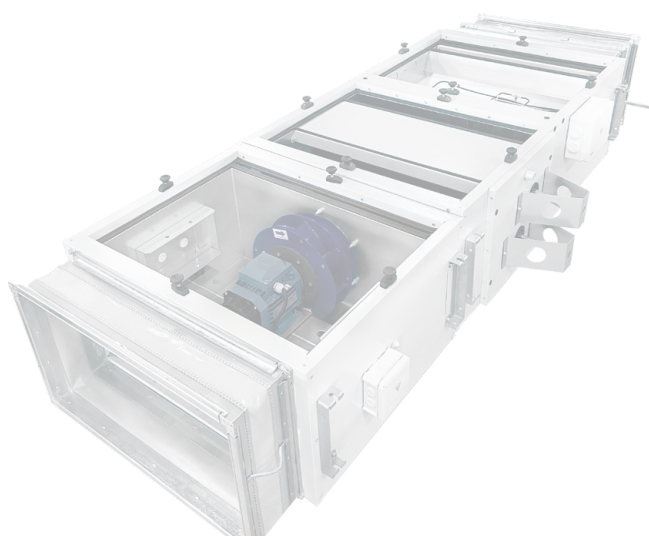
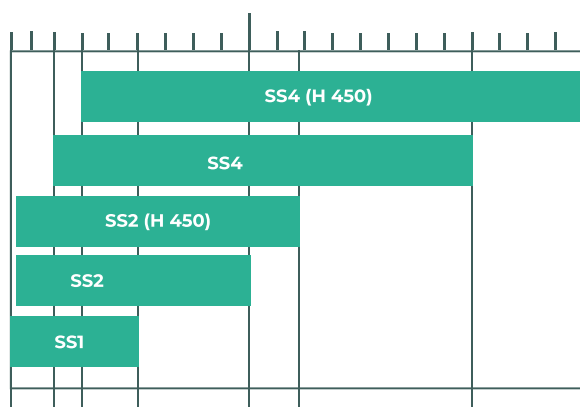
Air consumption

m^3/h

200

2500

5500



Advantages



Saves useful space of expensive commercial real estate, as it is mounted on the ceiling.



Easy to install even over a suspended ceiling, due to a minimum size with height 338 mm.



High noise and heat insulation of the unit (panel thickness 30 mm (up/down) and 50 mm (side)).



The automation system provides full control over regulation and protection of the entire ventilation system.

*Optionally

Up-to-date parameters of equipment are available in the selection program AeroSelect. Don't forget to check them with your manager

BASIC CONFIGURATION

PLATE RECUPERATOR

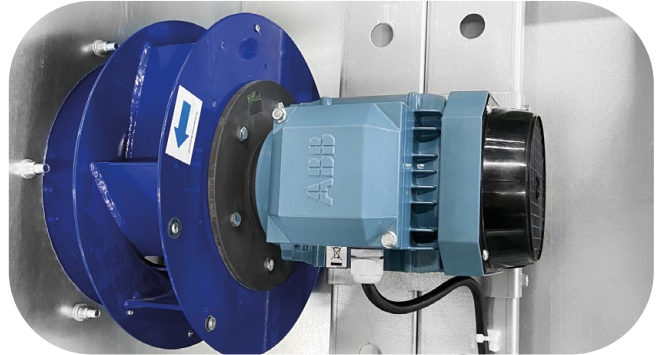
High-quality aluminium recuperator reduces overall energy consumption up to 60%.



FAN WITH DIRECT DRIVE

Ideally adapted to the aerodynamics of the ventilation network, parameters can be adjusted if necessary.

Energy efficiency class: IE2



FAN WITH EC-MOTOR

Reduces energy consumption due to smooth regulation of capacity.
Reduces the overall noise level due to the absence of phase noises.
Saves space inside the installation and the total weight of the unit.

High efficiency: up to 90%



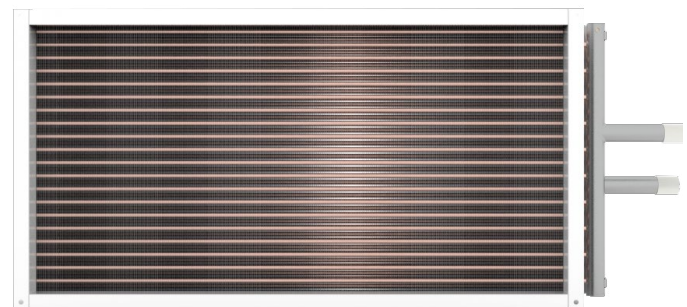
WATER HEATER

2-6-row water heaters are used.
The case is made of galvanized sheet.
Pipe collectors are welded from steel or copper pipes with a surface covering by synthetic paint.

Maximum working pressure: 20 atm.

Copper pipes: diameter - 9.52 mm,

Wall thickness: 0.27 mm / 0.33 mm.



NOISE ABSORBER

Provides minimal pressure losses and equalizes airflow. Air fairings are installed in front of the noise-absorbing plates, thus the air flow in the cross section of the channel is equalized.

BASIC CONFIGURATION

FILTER

Cassette or pocket filter is used if needed.
Filters are used to clean the supply air.

Filter material: polyester / micro-fibreglass.

Cleaning class acc.to ISO 16890:

Coarse. ePM10. ePM2.5. ePM1

Operating medium temperature: up to 80°C



FREON COOLER

The body of the cooler is made of galvanized sheet with insulation from moisture condensation.
The heat exchange surface is created by aluminium plates with thickness 0.1 mm, stretched over copper tubes.

Evaporators are filled with nitrogen during production process.
Production with the right or left connection of refrigerant is possible.
Equipped with a dropseparator with an insulated tray for condensate drainage.



ELECTRIC HEATER

The heater case is made of galvanized steel with high zinc content.
Heating rods – made of stainless steel.

Protection class: IP 20

Operating temperature: -30°C to + 40°C

AIR DAMPER

Consists of rotating slats with optimal aerodynamic characteristics.
A rubber seal is provided between the flaps and the valve body, which prevents air suction and freezing of the plates.

Smooth regulation of an air stream is provided by the metal force distributor.

CONTROL

Basic configuration includes the control panel:



Aerostar IQHMI3.5

The panel allows you to control and manage the operation of individual ventilation system, regardless of the configuration of the ventilation equipment.

The panel allows switching of operation modes of ventilation system, using the conditional scripts.

The script can be activated both manually and on the timer.

Model	IQHMI3.5
Display size:	3.5"(length: width = 4:3)
Resolution:	320x234
Brightness:	350 cd/m2
Contrast:	400: 1
Colour:	262, 144 колір
Backlight:	LED
Control panel:	4-wire high-precision, electrical resistance, touch screen
COM	1 X COM (RS485)
USB port download of the USB device:	YES
Storage:	DDR2 32 MB
Processor:	U32905U1DN
Power supply:	DC: 24 V (± 15%), 6 W
Power consumption:	3 W
Compatibility with FCC:	FCC, Class
CE certification:	EN55022 EN55024
Operating temperature:	-10 ~ 65°
Humidity:	10 ~ 90% RH (without condensation)
Degree of impact resistance:	10-25 Hz (X Y Z size 2G / 30 min)
Protection level:	IP65 (front panel)
Material:	engineering plastic ABS + PC
External dimensions:	86*86*40.5 (mm)
Size of portiforium:	69x69 (mm)
Weight:	about 0.2 kg

The following control panels are available on the customer's request



Modicon M172 Display
Color TouchScreen,
Temperature built-in
sensor



Th-Tune display CAREL



ADDITIONAL OPTIONS

- + Water cooling
- + Water heating
- + Freon cooling
- + Connection of the air quality sensor/moisture sensor

REALISED PROJECTS



"Elektrokontakt Ukraine" Plant,
Lviv region, Brody



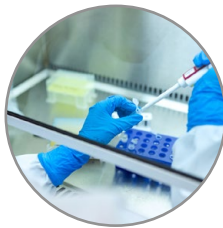
Warehouse complex of
"BaDM" corporation,
Dnipro



Ekotrans LLC,
Mykolaiv



Workshop for the production of
polyurethane foam «Katerynoslav
furniture workshops»,
Kirovograd region, Oliksandria



PJSC Pharmaceutical
Factory «Viola»,
Zaporizhia



Dnipro specialized clinical center of
mother and child named after prof.
Rudnev, Dnipro



Unit City Campus B11, B14, B15,
Kyiv, Sim'i Khokhlovykh Str.



Toys factory
"New Horizons",
Kyiv



Municipal organisation "KMKDC"
("KCCDC"), Kyiv



Office center,
Kyiv, Olenivska Str.



Medical center
"ON Clinic Kharkiv", Kharkiv



"Bone marrow
transplantation center", Lviv

REALISED PROJECTS



Residential Complex Respublika
(school and nursery school),
Kyiv



Ukrainian IT-factory UNIT
Factory, Kyiv



Готель Ibis,
Kyiv



NOVUS, Kyiv



KFC Restaurant,
Kyiv



Lyceum "Design-education",
Boryspil



Nursery school "Academy
Ecoland" in Residential
complex "Tetris Hall",
Kyiv



School No.19,
Kyiv



"Labor Reserves" Stadium
Dnipro



"Kazka" market,
Kharkiv



Specialized secondary
school No.9,
Dnipro



Fitness center Sport life,
Kryvyi Rig



Hetman Petro Sahaidachnyi
National Army Academy,
Training center No.184,
Starychi village



Khmelnytskyi City State
Veterinary Hospital,
Khmelnytskyi



Municipal enterprise «Dnipropetrovsk
Regional Clinical Ophthalmologic
Hospital»,
Dnipro

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