

ALFA 85

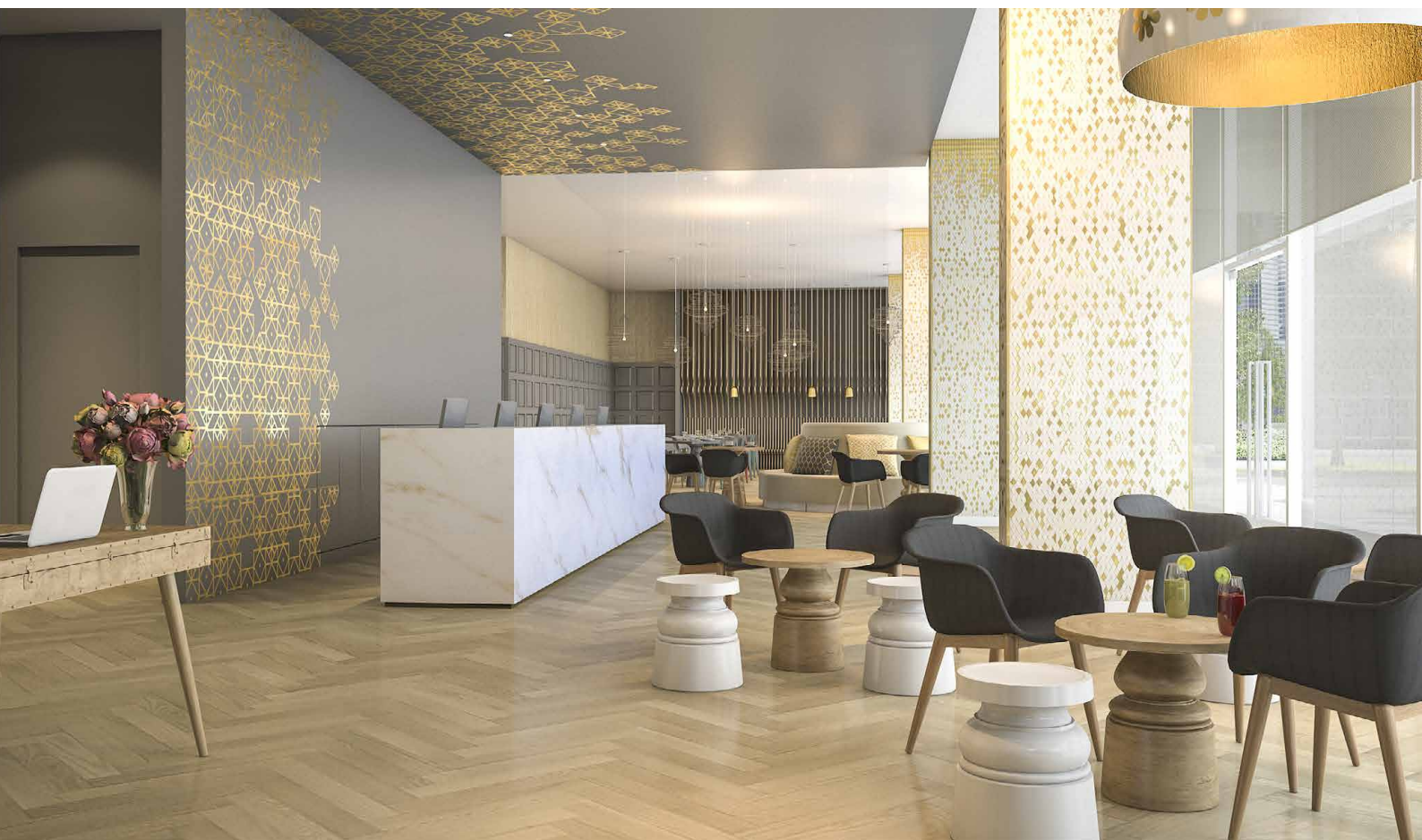
WHEEL OF YOUR VENTILATION



HEAT RECOVERY UNITS

ALFA 85

OFFICES – RESTAURANTS – HOTELS – SPORT CENTERS



Wide and flexible range of highly efficient heat recovery units with regeneration wheel suitable for both indoor and outdoor installations designed for commercial application such as **offices, coffee bars, restaurants and sport facilities.**

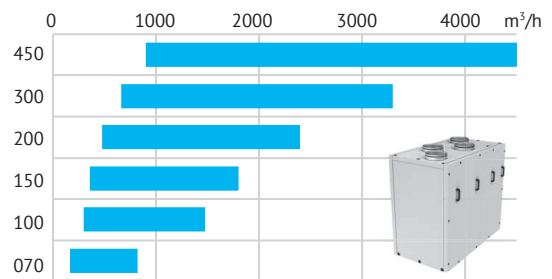
- Wide range (700–12.000 m³/h)
- Vertical and upper version
- Highly-efficient EC fans
- Rotary regeneration up to 85 %
- Indoor and outdoor installation
- AirGENIO SUPERIOR control



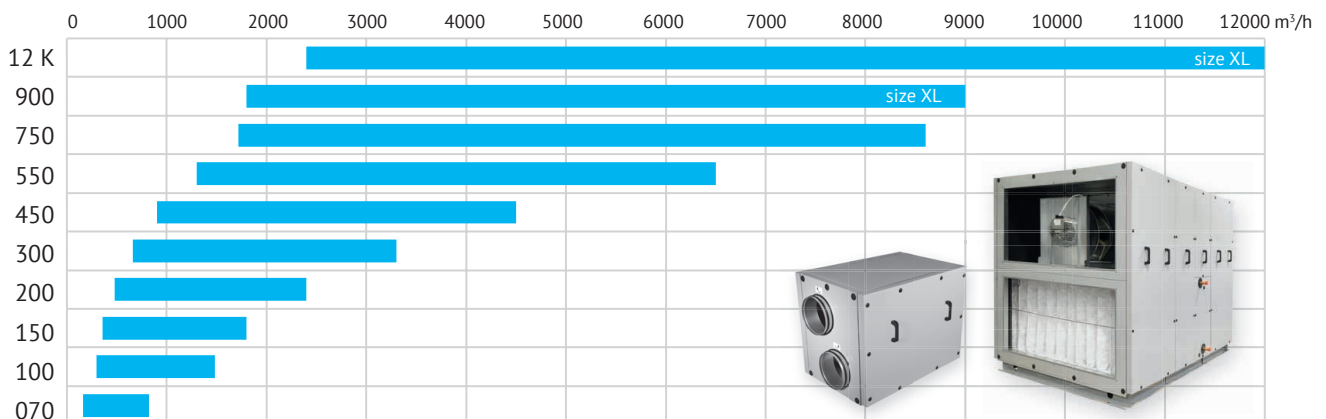
BASIC PARAMETERS

- Standard range from 700 up to 7500 m³/h
- XL range from 9000 up to 12000 m³/h
- Compact solution – up to size 2000 m³/h
- Modular solution – from size 3000 m³/h
- Available with various post-heaters (Electric, Water, Water Change-Over or DX coil)

ALFA 85 UPPER



ALFA 85 VERTICAL



ROTARY REGENERATION

- Rotary regeneration up to 85 %
- Choice of various wheel types (standard, sorption, increased efficiency)
- Automatic control of wheel rotation
- EUROVENT certified wheel



CONSTRUCTION

- Suitable for indoor / outdoor installation
- Left and right service access
- Unit stand integrated in delivery
- Sandwich panels width 50 mm
- Segmentally divided service door (max 25 kg)

FILTERS

- M5 filtration in standard (supply/extract)
- Automatic clogged filters indication
- High durability and easy replacement

FANS

- Ultra-quiet operation with low SFP
- Highly-efficient EC fans
- Fluent control 0–10 V

AirGENIO control system

2V AirGENIO is the exceptional control system loaded with smart features that minimize energy consumption while providing maximal comfort in the interior.



INTELLIGENT

Complex and refined algorithms, excellent controllability and supplementary modes, work together to make AirGENIO highly intelligent control system.

In automatic mode it continuously senses inside and outside conditions, evaluating the data and subsequently, thanks to the programmed logic, operates the ventilation device in the best possible way. AirGENIO control system is a master of highly efficient operation and minimal energy consumption without compromising on interior comfort. It achieves this by way of:

- **Sophisticated and smart logic**
- **Fluently controlled by-pass**
- **Temperature Sensors**
- **Pressure Sensors (Fan flow, Filter management)**
- **Air Quality Sensors**

Each building has a different demand for ventilation. AirGENIO control system can handle any requirement, it can operate the device in various ventilation modes:

- **Constant airflow (CAV)**
- **Variable airflow (VAV)**
- **Demand control ventilation (DCV)**
- **Constant pressure in the room (PCO)**

Possibility to connect an air quality sensor or other supplementary sensors is plain and simple. Furthermore the AirGENIO control system provides other supplementary modes such as Night mode, Boost, Free-cooling, Fire mode, etc.





INTUITIVE

Instructive and easy to understand menu together with the modern look of the control panel makes the AirGENIO intuitive and easy-to-operate control system. This starts with a clear icons in User's menu and well-organized and clearly set up Service menu.

- **Clear icons**
- **Coloured touch-screen display**
- **Systematic Service Menu**

INNOVATIVE

Commission, control and service the 2VV device remotely with the AirGENIO control system. Choose your way for remote control:

- **Building Management System (network protocols Modbus RTU/TCP, BACnet)**
- **AirGENIO application**
- **Service Software**

BUILDING MANAGEMENT SYSTEM

AirGENIO provides the choice of different network protocols...



Network protocol is the best for industrial applications, its simplicity allows building automation as well.



Network protocol specially used for multiple devices to communicate across BMS by system users and building system manufacturers.

2VV AirGENIO APPLICATION

2VV product fully under your control and right at your hands...

- Product control on your smartphone
- Info about operation status
- Notifications - request for service, filter exchange, error status, etc.

Download the **2VV AirGENIO application** and have it under your control!



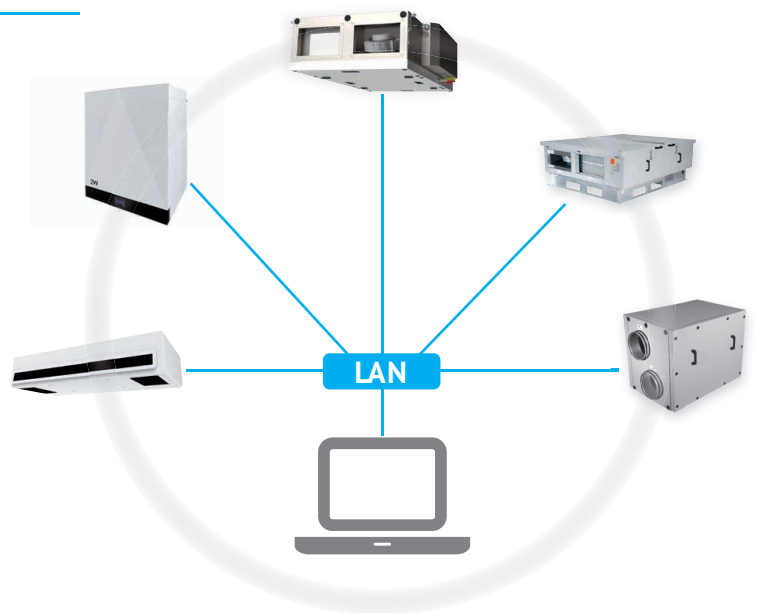
HEAT RECOVERY

2VV SERVICE SOFTWARE

Commissioning has never been easier...

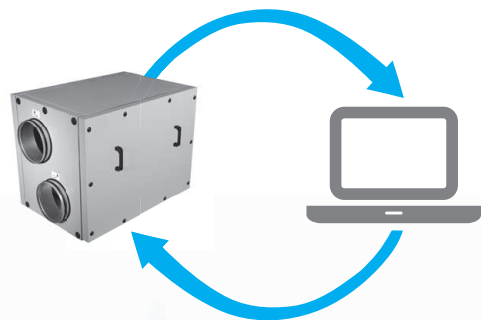
Do the 2VV device settings and testing comfortably on your computer.

- Easy and quick commissioning
- Error log – error display and identification
- Easy service (device status loading/ reset to backup setting)
- Fast FW update
- OFFLINE version



It is that easy...

- Connect your PC and the 2VV device
- Open the 2VV Service software
- ...and start the setting up process

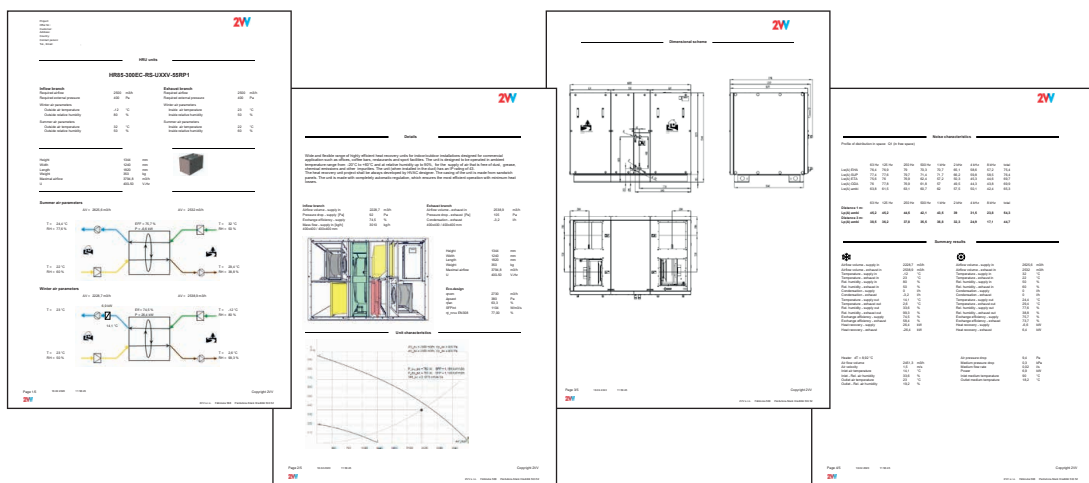




2VW SELECTION SOFTWARE ChooseGO

Essential product selecting tool for project design...

- Precise and reliable data
- Right product selection from 2VW wide range
- Final result and one-click into PDF
- Supplementary documents available (technical catalogue, 2D drawings, schemes...)





PARTNER
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