



PARTNER
IN VENTILATION
2VV.CZ

AIR CURTAINS



STANDESSE

STANDESSE XP

SHOPPING MALLS – AIRPORTS – OFFICE BUILDINGS



STANDESSE XP means great power and excellent efficiency crafted into a fine design casing, this supreme performance is accompanied by outstandingly low sound parameters. STANDESSE XP is a perfect solution for installations at the **airports, shopping malls, office buildings or other public places**, with recommended installation height up to 6 m*.

*Maximum recommended installation height – may vary according to the particular conditions at the installation site.

- Airflow from 6.000 up to 12.000 m³/h
- Lengths: 1,5 m; 2,0 m; 2,5 m; 3,0 m
- Available 2 water-heated outputs and ambient version
- AirGENIO SUPERIOR control



PERFORMANCE

Harnessing the power and screening efficiency of industrial strength air curtains, combining the science of ventilation, STANDESSE is an air curtain that offers outstanding performance in its class. It delivers what you need, when you need it, and saves you money with comfort for you and your customers.

- **Outstanding performance of industrial strength**
- **Excellent screening efficiency**
- **Extremely low SFP thanks to highly efficient EC fans**

CASING

Its modern and fresh design presents a new generation of 2VV air curtains. Above all it's a unique and sound attenuating casing delivers an effective air stream as silent as a light breeze.

- **Quietest air curtain in its class**
- **Unique construction with sound attenuating design**
- **Timeless shapes and appealing angles**

OUTLET

An effective and highly efficient outlet is the result of the STRAW-SYSTEM Technology maximizing screening effect and a special design allows setting the angle in any position without compromising airflow.

- **STRAW-SYSTEM Technology**
- **Adjustable outlet from -5° upto 20°**
- **Full airstream at any angle position**



AirGENIO control system

The 2VV exceptional control system loaded with smart features and functionalities that minimize operation costs while providing maximum comfort in the interior.

INTUITIVE

INNOVATIVE

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 clear icons in the User's menu and a 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





INTELLIGENT



AirGENIO control system

INTELLIGENT

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

In the automatic mode it continuously senses and evaluates measured data and subsequently, thanks to the programmed logic, operates the air curtain in the best possible way.

With the help of smart functionalities designed particularly for heating equipment it keeps maximum comfort in the interior and prolongs equipment longevity.

Smart functionalities:

Auto-speed control

AirGENIO SUPERIOR control together with integrated temperature sensors ensures the air curtain operation at maximum comfort and the lowest operating cost



Self-learning mode

Eliminates useless start-ups at frequent door openings – saves operating cost and prolongs air curtain lifetime



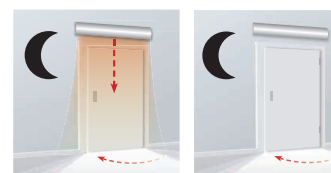
Summer heating

During pre-set (summer) time period the air curtain heats up only if the outside/inside temperature difference exceeds the pre-set scale



Night mode

For pre-set time period the air curtain is automatically switched OFF or heats up for minimal requested room temperature



Furthermore the control system takes into account the geographical differentiation and various advance settings can be done.

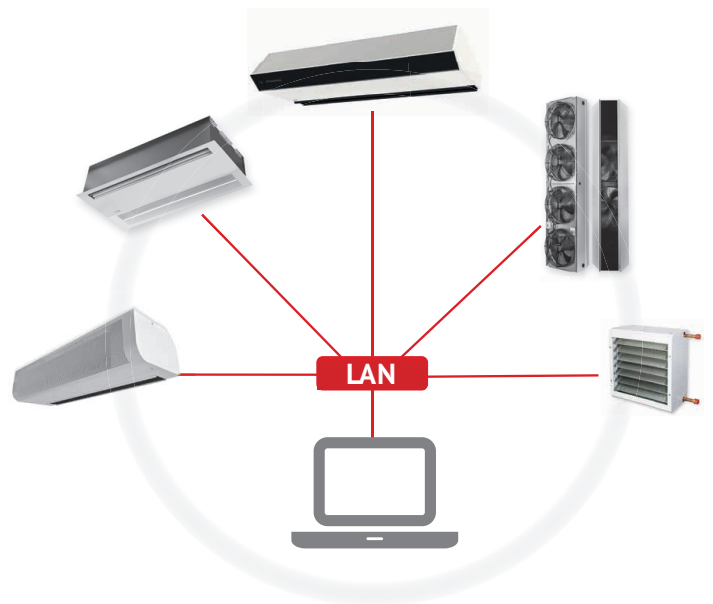
AIR CURTAINS

2V SERVICE SOFTWARE

Commissioning has never been easier...

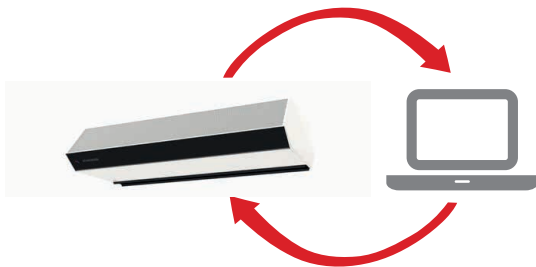
Do the 2V device settings and testing comfortably on your computer.

- 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 2V device
- Open the 2V Service software
- ...and start the setting up process



2V AirGENIO APPLICATION

2V 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 **2V AirGENIO application** and have it under your control!



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.



MagiCAD - 3D MODELS

Building design with 2V has never been easier...

2V BIM DATABASE

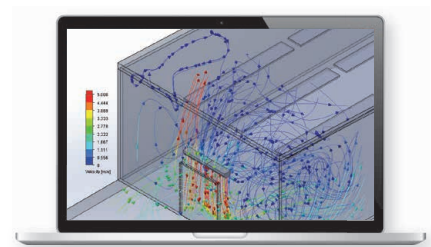
MagiCAD offers designers, engineers and architects access to over 1 million intelligent 3D product models including **the complete 2V's range of Air Curtains and Air Heaters**. MagiCAD can be used with either AutoCAD or Revit.



CFD Simulations

A picture is worth a 1000 words and a CFD is worth so much more...

- CFD (Computational Fluid Dynamics) simulates behaviour of air movement in specific conditions
- Get CFD simulation for 2V air curtains and let the pictures tell the story
- Erase client doubts by CFD

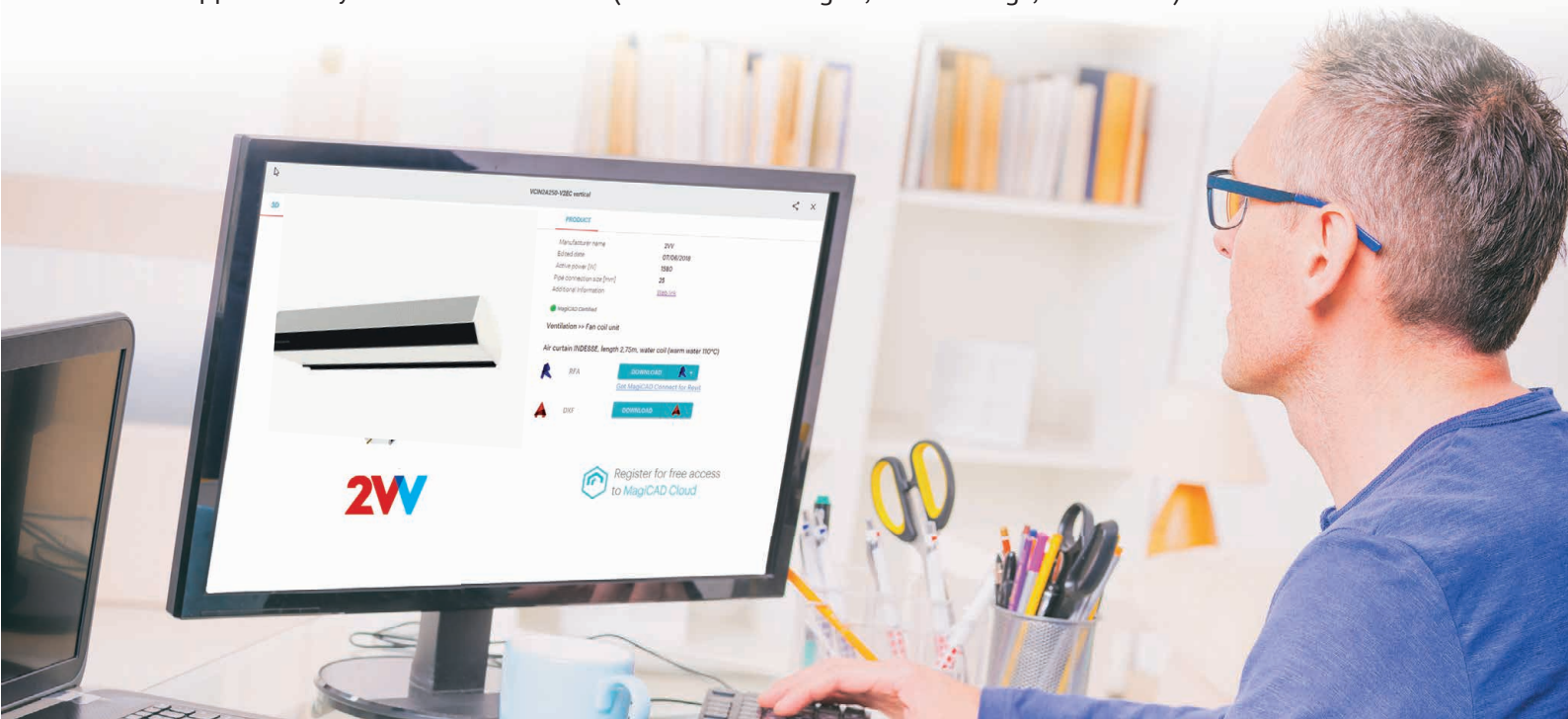


CFD simulation could be the difference between winning the project or not.

2V SELECTION SOFTWARE ChooseGO

Essential product selecting tool for project design...

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





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IN VENTILATION
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2VV s.r.o.
Fáblova 568
533 52 Pardubice
Staré Hradiště
Czech Republic