

VARIAIR CONTROLLER+



BECKER VARIAIR CONTROLLER+ FOR SYSTEM SOLUTIONS

The controller is easily adjustable to individual requirements. The VARI AIR Controller+ is a sustainable technology and solution to control and monitor air supply systems. Vacuum and pressure pumps, equipped with or without Becker frequency converter technology (VARI AIR Units), can merge into user-friendly complete systems. Different types of pumps, for instance side channel blowers and rotary vane pumps, can be combined and tailored to suit a specific need as a VARI AIR Central System.

ADVANTAGES

- Suitable for all systems; retrofitting is possible
- Optimized operation for each specific application
- Intuitive operating interface
- Consistent software design and hardware for numerous types of systems
- Support of various languages and units of measurements
- Overall control and monitoring of the controller via customer network possible
- Logging and diagnostic tool
- Reduction of wear due to bundling of all pumps
- Manual operation mode
- Interactive assistance and demonstration of maintenance procedures

CUSTOMIZATION

- Simple upgrade capability due to modular component design
- Easy integration of customer specific parts and components
- Customizable graphical user interface e.g. customer logo
- Easy implementation of additional application specific features
- Fieldbus and Ethernet options available

EFFICIENCY

- Full support and integration of VARI AIR Units
- Sensor guided control for up to 8 pressure levels
- Increase of service life due to balanced run time of each pump
- Improved energy efficiency when bundled into a system
- Reduced service costs



VARI AIR Central System
incl. VARI AIR Controller+

BEST IN CLASS

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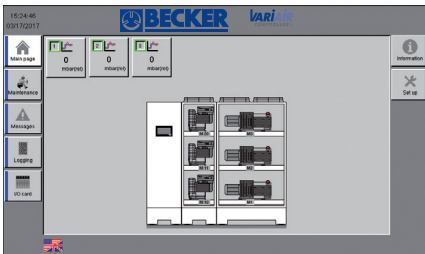
SPECIFICATIONS

- VARI AIR Controller+ with 7" or 10.1" Touchscreen or without display
- All components UL/CSA listed
- Protection class according to EN60529, Touchscreen (front side) IP65
- Maintenance free, no hard disk, fan or battery
- All components available worldwide
- Various types of digital and analog modules available
- Fieldbus and Ethernet options available

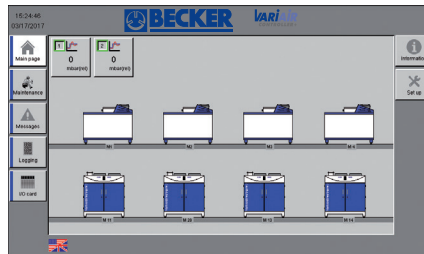


THE BECKER SOLUTIONS

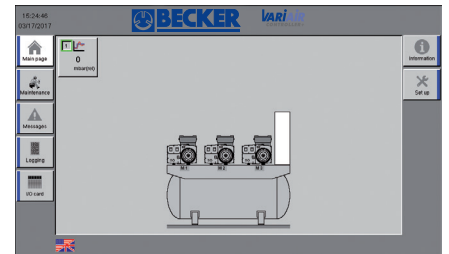
- The Becker VARI AIR Controller+ is the ideal controller solution for:
 - VARIAR Central Systems (VACS)
 - Central systems
 - Tank mounted vacuum systems
 - Rack systems
- The interchangeability of old Becker systems is possible
- The following products can be integrated:
 - Dry running rotary vane pumps
 - Oil lubricated rotary vane pumps
 - Screw pumps
 - Side channel blowers
 - Radial blowers



VARI AIR Central System with side channel blowers and rotary vane pumps

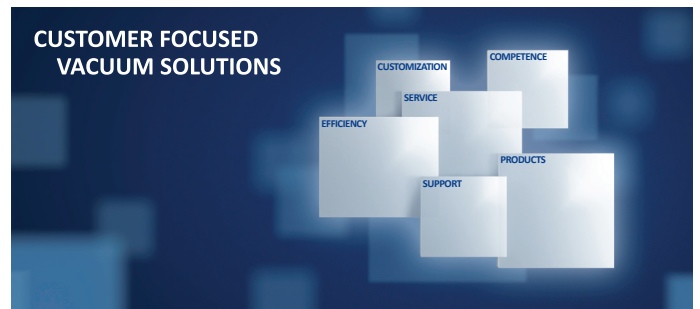


Central System with VADS screw vacuum pumps



Vacuum System with rotary vane vacuum pumps and tank

- Typical applications are:
 - Vacuum packaging for the food industry
 - Vacuum supported hold-down CNC router tables for the wood working industry
 - Handling, separation and transportation of paper for the printing industry
 - Handling (pick and place) of electronic components in clean room environments
 - Aspiration applications for the medical and dental industry
 - Manufacturing and packaging of cigarettes for the tobacco industry



OUR SOLUTION COMPONENTS

- **CUSTOMIZATION**
We develop customized solutions for your individual requirements and applications.
- **EFFICIENCY**
We optimize your air supply to ensure a better efficiency for your complete system.
- **SUPPORT**
Our consulting and planning add value to your individual application for an optimal solution.
- **COMPETENCE**
With over 130 years of experience, we have the expertise to create innovative solutions for your current and future needs.
- **SERVICE**
Our worldwide subsidiaries and representatives are able to provide service solutions to meet your individual needs.
- **PRODUCTS**
We develop "Best in Class" solutions from individual units to entire systems according to your specific requirements.

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