

## 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



VARIAIR Central System incl. VARI AIR Controller+

#### BEST IN CLASS

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## SPECIFICATIONS

- VARIAIR Controller+ with 7" or 10.1" Touchscreen or without display
- All components UL/CSA listed
- Protection class according to EN60529, Touchscreen (front side) IP65

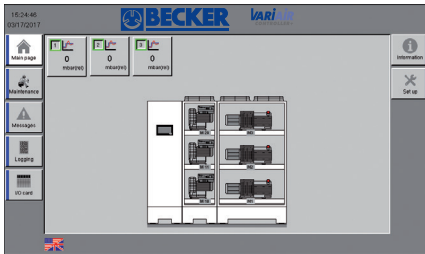
- Maintenance free, no hard disk, fan or battery
- All components available worldwide
- Various types of digital and analog modules available
- Fieldbus and Ethernet options available



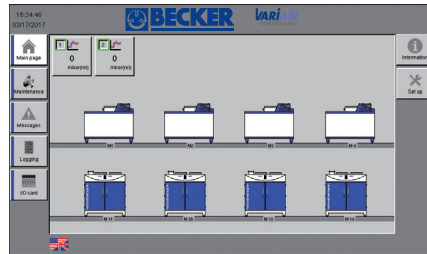
## THE BECKER SOLUTIONS

- The Becker VARIAIR 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

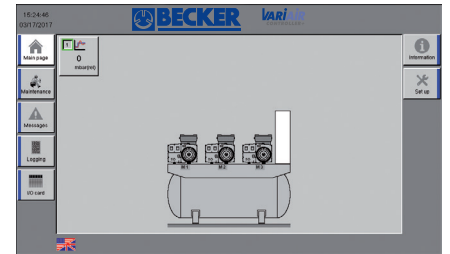
- The following products can be integrated:
  - Dry running rotary vane pumps
  - Oil lubricated rotary vane pumps
  - Screw pumps
  - Side channel blowers
  - Radial blowers



VARIAIR 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 ind.



## 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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