VARIAIR CONTROLLER+

MAKE IT BECKER.



BECKER VARIAIR CONTROLLER+ FOR SYSTEM SOLUTIONS

The controller is easily adjustable to individual requirements. The VARIAIR 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 (VARIAIR 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 VARIAIR Central System.

EFFICIENCY

- Full support and integration of VARIAIR 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

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

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

VARIAIR

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FEATURES VARIAIR CONTROLLER+

- 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

VARIAIR CONTROLLER+

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 vacuum pumps
- Claw pumps
- Side channel blowers
- Radial blowers

TYPICAL APPLICATIONS

- 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



VARIAIR Central System
incl. VARIAIR Controller+