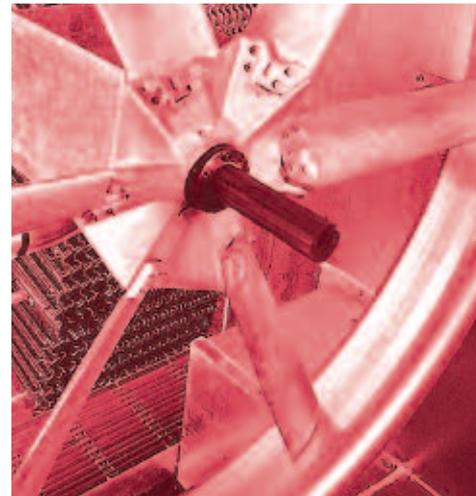


LISTEN.
THINK.
SOLVE.SM



AC DRIVE SOLUTIONS

OPTIMIZED FOR HVAC APPLICATIONS

With over one hundred years of industrial motor control technology and expertise, Rockwell Automation introduces a world class line of variable speed AC drive solutions specifically designed for the commercial market.

Allen-Bradley PowerFlex® HVAC drives are an ideal, cost-effective solution for variable torque fan and pump applications in schools and universities, office and commercial buildings, hospitals and medical centers, hotels and casinos and manufacturing facilities — wherever air-handling effectiveness, efficiency and energy savings are critical.



PowerFlex® 400

SIMPLE, COST-EFFECTIVE, HVAC CONTROL

Available in power ratings of 3.0-350 HP @ 380-480V AC and 3.0-50 HP @ 200-240V AC, the PowerFlex 400 AC drive is designed to meet global OEM, contractor and end-user demands for flexibility, space savings and ease-of-use. PowerFlex 400 offers a wide range of built-in features allowing for easy installation, start-up, and seamless building automation system integration including:

- Sleep function
- Purge frequency and freeze/fire interlock
- Integral PID controller
- Skip frequencies and bands
- Integral LCD keypad
- Selectable fan/pump curves
- Automatic restart
- Flying start
- Auxiliary motor control
- Damper control input

COST-EFFECTIVE



DURABILITY AND RUGGEDNESS

With a reputation built on quality and reliability, all Allen-Bradley PowerFlex drives are developed, tested and proven to withstand the harshest operating environments. Our HVAC drives are specifically UL Plenum rated, allowing for direct mounting in an air handling system.

Our drives also meet seismic requirements of the 2003 International Building Code as specified by AC156.

RELIABILITY

SO



SEAMLESS BUILDING AUTOMATION SYSTEM INTEGRATION

Rockwell Automation is an industry leader in automation network development and integration, providing seamless data transfer and communications capabilities throughout an enterprise. With built-in network connectivity, PowerFlex HVAC drives are designed to be easily integrated into building automation networks. And, with our user friendly drive software tools, you can easily program, monitor and control HVAC drive operation.

- RS485 communications integral to base drive
- Embedded Modbus RTU, Metasys N2 and P1-Plant Floor Network protocols are parameter selectable and require no additional hardware or software
- Supports Drive Serial Interface (DSI) communication modules and accessories, including BACnet® and LonWorks® communications adapters

INTEGRATION



PACKAGED FOR PERFORMANCE

Flexible packaging features and options allow for easy start-up and installation whether the AC drive solution is mounted inside or outside. Disconnect and contactor bypass packages simplify installation and start-up by combining operator interface, control, communications and power options in preconfigured assemblies.

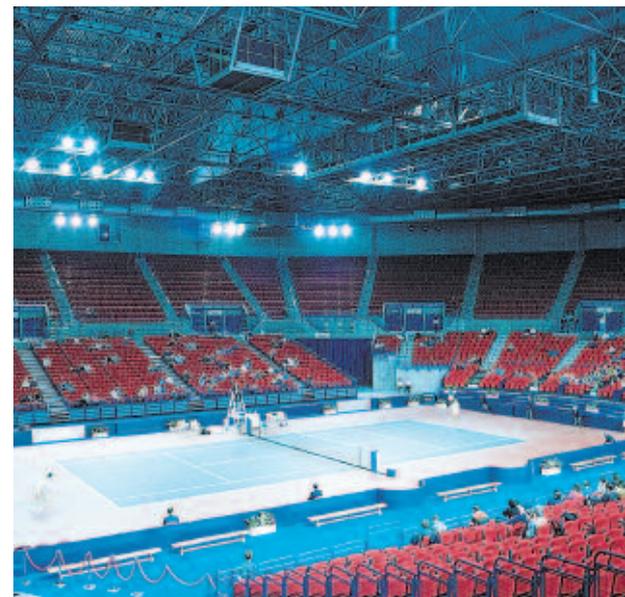
- Main input disconnect package
- 3 contactor full feature bypass with disconnect package
- 3 contactor basic bypass with disconnect package

PERFORMANCE

ROCKWELL AUTOMATION POWER QUALITY SOLUTIONS

In addition to the PowerFlex 400 line of AC drives and packages, Allen-Bradley industrial AC drives offer a wide array of techniques to reduce drive harmonics, including 12 Pulse and 18 Pulse Converters, Harmonic Filters, Active Power Filters, and Regenerative Active Front Ends.

Rockwell Automation also brings an expertise in Power and Energy Management Solutions, allowing you to gain access to a complete portfolio of systems, products, communications and applications geared at optimizing energy consumption and improving productivity while lowering your overall energy costs.



SOLUTIONS



EXPERTISE

A BRAND YOU CAN TRUST

And because the Allen-Bradley AC drive offering is from Rockwell Automation, you can be sure these world-class solutions come backed by leading service and support, maximizing your investment now and in the future.

MOTOR CONTROL EXPERTISE

For over a century, Rockwell Automation has been providing motor control solutions for a broad range of industries and applications. In addition to our new HVAC drives, we offer a complete line of PowerFlex AC drives ranging from 0.2 kW (0.25 Hp) to 25.4 MW (34000 Hp). To compliment this extensive offering, Allen-Bradley also offers a line of Control-Matched Motors, NEMA and IEC contactors, soft starters and disconnect switches.



www.rockwellautomation.com

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