

The FRENIC-EcoPAK is a packaged AC drive solution designed for variable torque fan and pump applications in commercial buildings, educational facilities, hospitals, and industrial facilities. Offering the most common specified features and options required by facility and consulting engineers, FRENIC-EcoPAK provides a compliant and competitive packaged drive solution. By applying Fuji Electric's FRENIC-EcoPAK to fans and pumps instead of mechanical flow control devices: lower energy bills, reduction in required maintenance, reduction in ambient noise, and improved process control can be achieved.

■ Product Features

- Multiple configurations offer flexibility
 - Basic bypass (3 contractor bypass for pump applications)
 - Bypass (3 contractor bypass for fan applications)
 - Non-bypass
- Integrated motor branch circuit protection, up to 100kA short circuit current rated packages
- Reactor options for reducing harmonics
- Soft-switching PWM drive output
- Catch-a-spinning motor functionality
- Enhanced automatic energy savings, reduces power consumption of both the motor and drive
- Simple construction leads to ease of maintenance
- LCD and LED keypad, also functions as a copy unit
- Quick-start programming menu for ease of start-up
- Power monitoring from the drive's keypad
- Run permissives
- Damper control and fireman's override for fan applications
- Built-in PID control with sleep function
- Communication protocols: Modbus RTU, Metasys N2, and APOGEE FLN are built-in the drive
- PC software for drive set-up and monitoring
- Additional communication protocols available: BACnet, LONWORKS, and Ethernet

