

FRENIC-ACE

FEATURES & BENEFITS

Fuji Electric's AC Drives are utilized in the commercial HVAC market to work with individual fans and fan arrays. Our AC drives are highly used for fan arrays.



● V/F and Dynamic Torque Vector Control

Offer a variety of performance controls to maximize performance without additional cost.

● PID Control Function and PID Control Function

Allows the customer to tune the drive precisely to the application.

● Built in RS-485/Modbus and Dual Channel RS-485 Port

A simple standard communication protocol with a wide application.

● Fieldbus Communication Card

Fieldbus protocols have been standardized as IEC61158. The Fieldbus interface card allows the ACE to function on Fieldbus networks.

● DeviceNet Communication Card

Allows ACE to function as an industry standard communication protocol developed by Allen Bradley.

● Customizable Logic

Up to 200 Programmable function block steps may eliminate the need for a separate PLC or addition of relays for logic, offering cost savings and improved performance.

● I/O Expansion Adapter and Three (3) Option Ports Available

Allows the addition of numerous option cards which can add to the functionality and flexibility of ACE.

● Standard Multi-Function Keypad

Allows access to all drive functionality right from the drive. No additional keypad is required.

● PM Motor Control (In Addition To Induction Motor Control)

Allows the running of both Induction and Permanent Magnet motors from the same VFD.

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FEATURES & BENEFITS (CONT.)

● Fastest CPU Processor In Its Class

Offers the processing power necessary to control the drive performance and run the programmable logic in a speedy fashion as necessary for industrial processes.

● External Cooling Adapter Key Options

Allows a panel builder to improve the compactness of the final packages solution by allowing cooling externally to the cabinet.

● Password Protection

Only allowed authorized personnel can change drive settings.

● Built-in Safe Torque Off (STO) Input

European Standard safety protocol, which is being adapted in the US—necessary for US manufactured equipment being shipped to the EU.

● Removable Control Terminals

Offers the ability to replace the drive without having to undo all the wiring—the terminal itself functions as a multiwire plug.

