

Fuji Electric » FRENIC - Mini



**THREE
YEAR
WARRANTY**

NEXT Generation!

**COMPACT
INVERTER**

FRENIC

Mini

FUJI ELECTRIC INVERTERS

High Performance Compact Body.

Welcome to the NEXT Generation of Compact Inverter.

HP	Single Phase Input	Single Phase Input	Three Phase Input	Three Phase Input
	100-120VAC 50/60Hz	200-240VAC 50/60Hz	200-240VAC 50/60Hz	380-480VAC 50/60Hz
	Three Phase Output	Three Phase Output	Three Phase Output	Three Phase Output
	200-240VAC	200-240VAC	200-240VAC	380-480VAC
1/8 HP	FRN0001C2S-6U	FRN0001C2S-7U	FRN0001C2S-2U	
1/4 HP	FRN0002C2S-6U	FRN0002C2S-7U	FRN0002C2S-2U	
1/2 HP	FRN0003C2S-6U	FRN0004C2S-7U	FRN0004C2S-2U	FRN0002C2S-4U
1	FRN0005C2S-6U	FRN0006C2S-7U	FRN0006C2S-2U	FRN0004C2S-4U
2		FRN0010C2S-7U	FRN0010C2S-2U	FRN0005C2S-4U
3		FRN0012C2S-7U	FRN0012C2S-2U	FRN0007C2S-4U
5			FRN0020C2S-2U	FRN0011C2S-4U
7.5			FRN0025C2S-2U	FRN0013C2S-4U
10			FRN0033C2S-2U	FRN0018C2S-4U
15			FRN0047C2S-2U	FRN0024C2S-4U
20			FRN0060C2S-2U	FRN0030C2S-4U

Features

- FRENIC Mini Fuji Electric Inverters - High Performance - Compact Body
- Use on conveyors, fans, pumps, centrifugal separators, and food processing machines
- Dynamic Torque Vector Control System - top of the line performance, delivering stable torque output even at low speeds
- The slip compensation controller works with voltage tuning for even more accurate speed control at low velocity - better stopping
- Optimum Energy Control - Motor tuning minimizes power loss
- PID Control Function - Permits motor operation while controlling temperature, pressure, and flow rate w/out the use of a temp controller
- The cooling fan can be switched off when the fan or pump is not running to reduce both noise and energy consumption.
- Use of sensorless synchronous motor control together with the motor can reduce energy consumption.
- **RS-485 Modbus/RTU Communications Port is standard on all models**
- Functions - V/F (non-linear 3 step), Two motor parameter sets, Brake signal (brake release signal), Rotational direction control