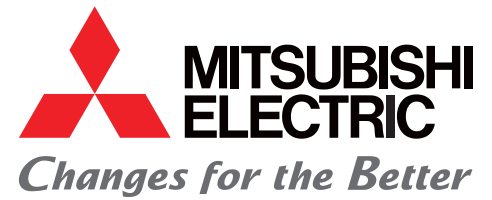




for a greener tomorrow



FR-F800 Series VFD

Product Overview



The FR-F800 is a new pump and fan control VFD which has been optimized for maximum energy saving. Equally at home in an industrial environment or as part of an integrated HVAC system, FR-F800 can also be used as a cost-effective drive for controlling other types of lighter duty constant torque loads.

KEY BENEFITS:

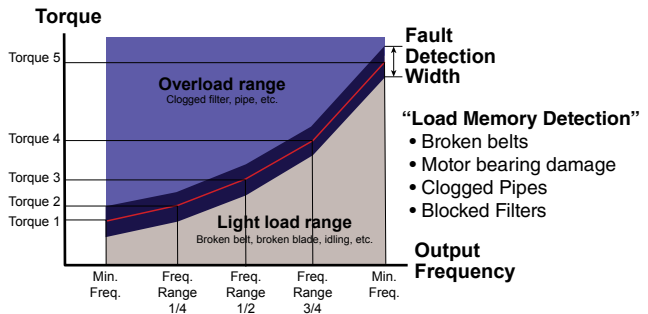
- **UL-1 design up to 40HP** – Convenient installation without an enclosure
- **Standard USB port** – for simple set-up using a memory stick
- **Real-time clock** – Enables time stamping of trip messages for easy diagnostics
- **'Load memory' system** – Detects broken drive belts and other mechanical problems
- **Anti-Windmill function** – smoothly catches and controls motors which are already spinning before start-up



FR-F800 Series VFD – Product Overview

LOAD DETECTION SYSTEM

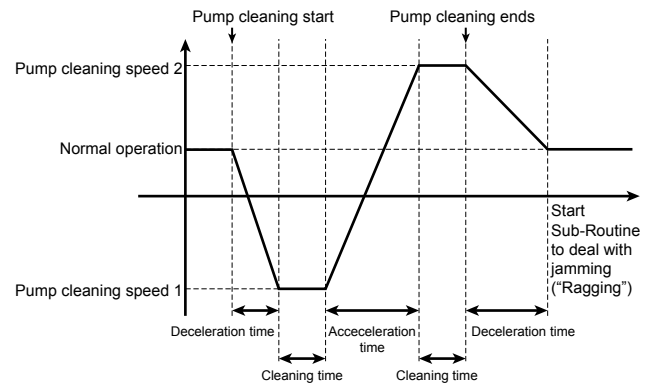
The FR-F800 learns the exact characteristics of any load, which allows the speedy detection of unexpected changes, either sudden load reduction, such as a broken fan drive belt, or increases caused by worn motor bearings or blocked pipes.



ANTI-JAMMING FEATURE

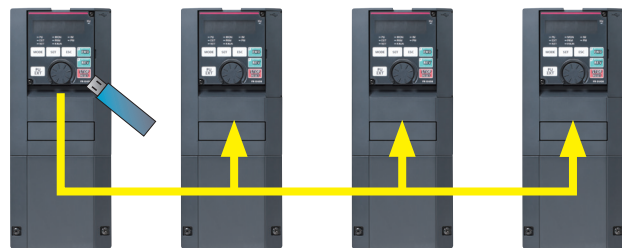
The anti-jamming system deals effectively with the problem of starting pumps which have become clogged with debris. A user-programmable sub-routine alternates the pump shaft direction to free the impeller.

- Flux Control System**
- Maximizes energy-saving
 - Cooler motors
 - Less motor noise
 - Reduced Maintenance



SIMPLE SET-UP

The FR-F800 parameters can be entered directly from a standard USB memory stick. Data can be retrieved, copied or edited by means of the FR-Configurator 2 programming package.



USB 2.0 supported (full speed)

MITSUBISHI ELECTRIC AUTOMATION, INC.

500 Corporate Woods Parkway, Vernon Hills, IL 60061
Ph 847.478.2100 • Fx 847.478.2253

us.MitsubishiElectric.com/fa/en

February, 2016 • ©2016, Mitsubishi Electric Automation, Inc.
Specifications subject to change without notice. • All rights reserved