Variable Speed Drive Solutions
For Industrial Fan & Pump Applications

GE ADVANTAGE
With more than 40 years of experience in installing drive power, GE is the recognised leader in the industry providing reliable high quality drives. Designed throughout for effortless ownership - the MV3000 sets new standards for variable speed drives for size, ease of use and process availability.

ENERGY SAVINGS
GE’s variable speed drive solutions helping to reduce energy consumption of a motor by up to 60%. Saving energy by eliminating, dampers, valves, throttling whilst reducing running costs. GE’s versatile solution designed to control process variables speed, flow, temperatures, pressure. Implemented to solve mechanical problems including: Noise, shock, loads, mechanical stresses.

CRITICAL SPARE PARTS IDENTIFICATION & SPARE PART AVAILABILITY
Availability of critical spares and comprehensive service support including remote support. The GE parts team are available to advise the appropriate spares and consumable parts for you to hold in stock. For those emergencies - the team will support provide the parts you need on time and at the quality you expect.

24/7 AVAILABILITY SUPPORT
At GE, we understand the goals of your organization are demanding, and evolving. To help you meet these goals here at GE Power Conversion we provide a service that goes beyond just waiting for your call. We offer a comprehensive range of aftermarket services and technical support.
MV3000 BDM Variable Speed Drive

22kW to 315kW Basic Drive Module (BDM) - A Flexible General Purpose Drive

PROVEN RELIABILITY FOR INDUSTRIAL APPLICATIONS

The MV3000 represents a revolution in both control and power technology. Building on the success of the previous generation, the range incorporates a wide array of enhancements that confirm GE to be a world leader in the design and manufacture of variable speed drives.

The MV3000 can be configured to suit many industrial, marine or military application including: centrifuges, coilers, roller tables & mills, compressors, conveyors, extruders, fans & pumps, lifts & hoists, mixers and stirrers, multi drive systems, marine propulsion, thrusters and test benches.

GE is committed to the ‘futureproof concept’. With the MV3000 it has retained many of the unique design elements that proved to be so popular in many industrial applications. The ‘bookcase’ format, the MicroCubicle construction, and the exceptionally easy to programme Drive Data Manager, have all remained in the latest generation of modules up to 315 kW.

The MV3000 includes state of the art control and power circuits that will ensure GE remain one of the worlds leading pioneer and systems integration specialists.

By taking a responsible attitude towards commonality, GE have ensured that customers gain full compatibility with existing installations whilst gaining from the many enhancements offered by current drive technology.

TECHNICAL DATA

- **Micro-cubicle design**
- **Performance** - Power rating between 22 kW and 315 kW and voltage between 380-690 V
- **Updated** Skiip power module (Skiip 2 to Skiip 3) and new CDC controller
- **Active Energy Management** to eliminate harmonic distortion without bulky phase shift transformers, and offer full 4 quadrant operation.
- **Drive data manager** with 4 Line Backlit Display, Motor control keys, Navigation and short cut keys, Help key for on-line parameter and diagnostic help
- **NoStop™ drive intelligence** and protection eliminates “self protecting trips”
- **Dynamic mode change** minimises process downtime by changing control mode on-line
- **Active temperature management** allows intelligent action should the drive or motor begin to overheat
- **Supply loss ride through** keeps the process running even during short breaks in the a.c. mains supply

CONTACT US

Email: services.powerconversion@ge.com