

## **Mitsubishi F700 inverters now offer BACnet support for building services applications as standard**

Ratingen, Germany 23rd of October 2012

**Mitsubishi Electric has upgraded the FR-F700-EC range of inverters with network support for BACnet, the most common data communications protocol in building automation and control networks. Introduced in 1987, BACnet is today the backbone of the vast majority of building services networks, and support for the protocol on the FR-F700-EC makes it easy to integrate the drive into building services automation systems for the likes of heating, ventilation and air-conditioning control.**

Today's innovative building services impose a variety of demands on drive systems, with planners looking for open, flexible and fully-scalable drives that are easy to integrate and which will combine minimum operating costs with maximum energy savings. The FR-F700-EC ticks all of these boxes with a modern, intelligent drive solution. This latest enhancement means BACnet support is now built-in to the FR-F700-EC as standard, with no option card required.

Particularly well suited to driving fans and pumps, the FR-F700-EC also provides built-in PLC functionality, with support for functions such as 'square root' that can be used to enable flow control – for example in air conditioning systems – via PID, using just an additional pressure sensor. This can significantly boost energy savings by enabling the true airflow to be managed rather than the pressure.

The FR-F700-EC is available in powers from 0.75kW to 630kW in IP00 and IP20 protection ratings, and up to 55kW in IP54 protection rating.



**Photo Caption:** The FR-F700-EC is a modern, intelligent drive solution that is well suited to driving fans and pumps in air conditioning systems.

#### **About Mitsubishi Electric:**

With 90 years of experience in providing reliable, high-quality products to both corporate clients and general consumers all over the world, Mitsubishi Electric Corporation is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, as well as in products for the energy sector, water and waste water, transportation and building equipment.

With around 117.000 employees the company recorded consolidated group sales of 36,3 billion Euro\* in the fiscal year ended March 31, 2012.

Our sales offices, research & development centres and manufacturing plants are located in over 30 countries.

Mitsubishi Electric Europe B.V., Factory Automation European Business Group (FA-EBG) has its European headquarters in Ratingen near Dusseldorf, Germany. It is a part of Mitsubishi Electric Europe B.V., a wholly owned subsidiary of Mitsubishi Electric Corporation, Japan.

The role of FA-EBG is to manage sales, service and support across its network

of local branches and distributors throughout the EMEA region.

*\*Exchange rate 109,56 Yen = 1 Euro, Stand 31.3.2012 (Source: Deutsche Bundesbank)*

**Further Information:**

[www.mitsubishi-automation.com](http://www.mitsubishi-automation.com)

[www.mitsubishielectric.com](http://www.mitsubishielectric.com)

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