

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

**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.

