

HVAC and Building Automation Drives

Food Manufacturing Staff



The Z1000 family of HVAC drives is comprised of the Z1000 variable speed drive as well as the Z1000 Bypass Package designed specifically for commercial HVAC applications. The drive is designed for building automation applications such as fans, pumps and cooling towers through 500 HP. It features:

- An LCD operator with Hand-Off-Auto functions
- An internal real-time clock with time /date stamping and timer controls that allows for speed variations without the need for external controls
- A built-in 5% line impedance that reduces input harmonic distortion, while a 5 kHz carrier frequency with dynamic noise control provides quiet motor operation
- An on-board EMI/RFI filter, which is compliant with IEC 61800-3 minimizes interference of surrounding equipment

All drives also feature embedded BACnet communications (BTL certified), along with Modbus/Memobus. Applications macros are available to facilitate quick and easy setup.

Yaskawa, www.yaskawa.com [1]

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[1] <http://www.yaskawa.com>

