

Are the Z1000's ready to ship?

Yes, we have units in stock and ready to ship.

What documentation ships with the product?

The Z1000 User Manual (TOEPC71061645) and a product CD will ship with each Z1000 drive.

Where is the Z1000 manufactured?

The Z1000 is manufactured in Yaskawa's Buffalo Grove, IL and Oak Creek, WI facilities, depending on frame size and configured options.

What will happen to the E7?

The E7 drive will be slowly phased out over the course of the next 9 months. Support will continue for at least 7 years after that.

Are there plans for a 600V Z1000 drive?

No.

Will the Z1000 be part of the configured drive program?

Yes, it is planned for February 2012.

When should we begin converting existing E7 business to Z1000?

Any sales of stand-alone E7 vfd's can be immediately converted to the Z1000 drive.

What are the Z1000 ratings?

208V, 3-100hp and 480V, 3-250hp.

Is the Z1000 the same physical size as E7?

On average, the Z1000 is slightly smaller than the E7 with minimal differences on the small HP ratings and significant differences on larger ratings. Your specific ratings of interest must be compared. The Z1000 can also be mounted side-by-side, further reducing panel space.

What new features does the Z1000 offer beyond those of the E7?

The Z1000 drive incorporates many new features, including a real time clock, internal bypass logic for easy OEM bypass integration, built-in BACnet, internal and external PI loops, and much more.

Are E7 Options compatible with Z1000? Can Z1000 Options be used with E7?

No. Option cards for the E7 cannot be used on the Z1000 and option cards for the Z1000 cannot be used on the E7.

Will there be a remote keypad option?

Yes.

Will the Z1000 improve startup times in the field?

The Z1000 drive allows the user to choose from pre-configured set-up macros to match the application for quick and easy setup.

What tools are available to help customers convert from E7 to Z1000?

Wiring diagrams and user manuals are available.

Does the Z1000 have a USB cable interface (instead of serial) for direct connection to a computer, and do I need anything else?

Yes, the Z1000 has a USB Type B port for quick and easy PC Connection.

What DriveWizard program does it use, and is it backwards compatible with E7?

The Z1000 will use Drive Wizard HVAC which is currently under development. Drive Wizard HVAC will incorporate an E7 to Z1000 Parameter Conversion Table to simply converting existing E7's to Z1000's.

What are the embedded network protocols for the Z1000?

The Z1000 drive incorporates built-in BACnet protocol along with Modbus/Memobus. Protocol are accessible via RS-422/485 communication, which is standard.

When will a heatsink through the back solution be available, and what enclosure rating will it be capable of?

The Z1000 has a sealed heatsink which allows for the drive to be mounted in a NEMA 12 enclosure with the heatsink external.

What Z1000 enclosure types are available?

208V, 3-100hp IP20 NEMA 1 and 480V, 3-250hp IP20 NEMA 1.

What is EN61800-5-1?

EN61800-5-1 is a functional safety standard that can be addressed by the Safe-Torque-Off function which is standard on the Z1000.

What is RoHS?

RoHS stands for Reduction of Hazardous Substances, and specifies maximum levels of materials such as lead, mercury, and cadmium. The Z1000 is made of materials that comply with RoHS.

Has Yaskawa scheduled any Z1000 Factory Training yet? If yes, what are the dates?

Yes, it is planned for January 2012.

When will the bypass be available?

A December 2011 launch is planned.