

Top to Bottom Performance 

HVAC/BUILDING AUTOMATION



IT'S PERSONAL
YASKAWA

 **YASKAWA™**

IT'S PERSONAL YASKAWA™

"It's Personal" means each Yaskawa associate is committed to providing you with a great experience every time you deal with us.

We train our people, we treat our customers, we design, engineer and manufacture our products in ways that say everything we do matters. And, when your job is to make sure that everything that matters is done well, you take that pretty personally.

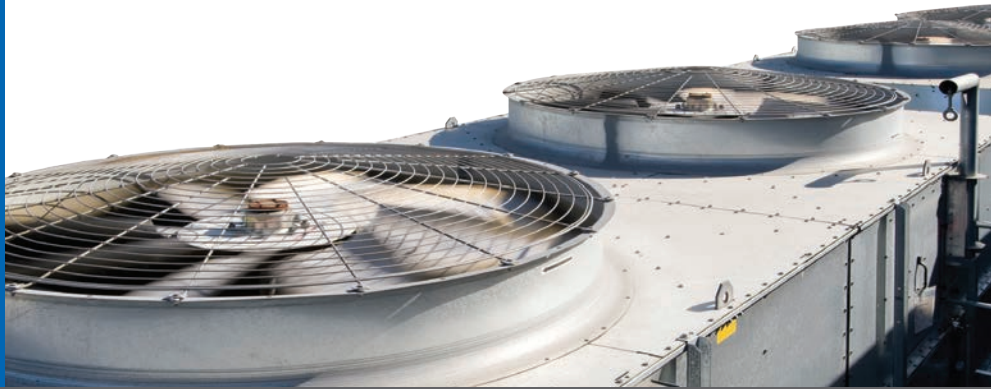
We commit to that at Yaskawa. We can make it happen. **Because to us, our relationship with you is personal.**



Performance. Top to Bottom.

When considering the benefits of using Yaskawa drives for your HVAC applications, start at the top and work your way down. Our drives provide great energy savings, are easy to program and have the flexibility to enable systems to attach to different software.

We work closely with mechanical contractors to design custom building solutions in facilities such as government buildings, schools, manufacturing plants, apartment complexes, hospitals and office spaces. Our drives are typically used to control chillers, cooling towers and air handling units.



Performance. Drives.

Whether you are the building owner, facility manager or mechanical contractor specifying the drive, we know you need drive performance you can trust. Yaskawa is widely used in HVAC applications because we offer great benefits, including:

- **Industry Experience.** We're hands on. We have the knowledge to match the right drive to your specific custom design. And, our distributors are consistent in their service quality and strong support.
- **Easy-to-Program, Easy-to-Use.** Our drives are easy to get up and running. Quick programming, easy maintainability.
- **Quick Delivery.** Most times, the turnaround time for HVAC drives is high. Yaskawa typically delivers in one-third the time of our competitor.
- **No Worries.** Once you plug a Yaskawa drive into your system, you won't have to worry about reliability. Our product quality far exceeds industry standards.

THE Z1000 SERIES

THE Z1000 VARIABLE SPEED DRIVE IS DESIGNED FOR BUILDING AUTOMATION APPLICATIONS SUCH AS FANS, PUMPS, AND COOLING TOWERS THROUGH 500HP

Z1000 IS ALSO OFFERED IN A BYPASS PACKAGE TO OPTIMIZE ENERGY SAVINGS AND A CONFIGURED PACKAGE WITHIN A NEMA 1, 12, OR 3R ENCLOSURE WITH CUSTOMIZABLE OPTIONAL COMPONENTS.



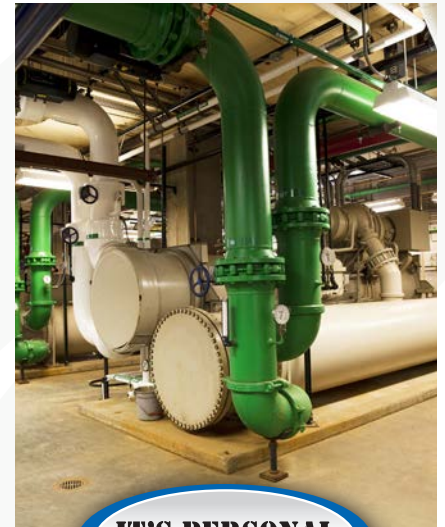
Z1000 Keypad



Standard Z1000 Drive



Z1000 Drive in an Intelligent Bypass Configuration



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Z1000: Uniquely Designed For Building Automation Applications.

The Z1000 variable speed drive provides many benefits for building automation applications. The following features make the Z1000 perfect for many building automation applications that require reliable motor control.

Other features include:

- Built-in 5% line impedance for input harmonic reduction
- On board EMI/RFI noise filter
- Embedded BACnet communications
- Plenum rated (UL1995). Seismic rated (IBC 2006 - Certification 12/2011). Made with Rolts compliant materials.
- Time and date stamping
- Easy-to-read LCD operator
- Intelligent Bypass transfers motor across line at peak demand to save energy and reduce harmonics.
- Customizable NEMA 1, 12, or 3R package

“Yaskawa is on the leading edge of HVAC drive applications. Our customers can buy our drives and forget about them. They can take comfort in knowing neither our drives nor our people will let them down.”

- Cory Lemerande,
Yaskawa Regional
Sales Manager





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