

Yaskawa America, Inc. Expands GA800 AC Drive Product Line

GA800 Drives and Reduced Size Configured Packages Now Available up to 1000 HP

Waukegan, IL, August 4, 2024 – Since its introduction in 2019, Yaskawa's GA800 variable speed drive has proven itself as the ultimate combination of power, ease of use, flexibility, and performance. Designed to control traditional and emerging motor technologies, the GA800 handles applications ranging from simple fans and pumps to high-performance test dynamometers requiring precise regulation. In addition to its robust and powerful design, the GA800 provides highly flexible network communications, embedded functional safety, and easy-to-use tools featuring mobile device connectivity.

Today, we are pleased to announce the following expansions to the GA800 product line:

- GA800 frame 12 standard drives - 480V, 700 to 1000 HP
- GA800 480V, 700 to 1000 HP Configured Packages - Types 1, 12, and 3R
- GA800 480V, 400 to 600 HP Configured Size Reduction

GA800 Frame 12 Standard Drives - 480V, 700 to 1000HP

GA800 frame 12 is available in the following ratings, making the 480V power range equivalent to the A1000.

Catalog Code	Normal Duty Rating	Heavy Duty Rating
GA80U4810AAM	700 HP (810 A)	600 HP (720 A)
GA80U4930AAM	800 HP (930 A)	700 HP (810 A)
GA80U4H11AAM	900 HP (1090 A)	800 HP (930 A)
GA80U4H12AAM	1000 HP (1200 A)	900 HP (1090 A)

Notable features of GA800 frame 12:

- 39% smaller in width than previous generation A1000 drive
- 34% lighter than A1000 drive
- Field configurable for 6-pulse or 12-pulse input (no special model required)
- Accepts Type 12 external heatsink kit (no special flange model required)





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GA800 480V, 700 to 1000 HP Configured Packages - Types 1, 12, and 3R

Like all existing GA800 configured packages, these new high-power packages have various configuration options and offer the same power ratings as the frame 12 standard drives.



Notable features of [GA800 Configured](#) 700 to 1000 HP

Type 1 and Type 12	Type 3R
 <p data-bbox="375 1150 630 1180">FIT (F1 Tall) Enclosure</p>	 <p data-bbox="1016 1150 1268 1180">Type 3R F2 Enclosure</p>
<ul data-bbox="228 1262 769 1388" style="list-style-type: none"> • 54% smaller in width than A1000 Configured • Semiconductor fusing as standard • Available with or without disconnect • SCCR up to 100kA depending on configuration 	<ul data-bbox="837 1262 1446 1423" style="list-style-type: none"> • 19% smaller in width than A1000 Configured • Semiconductor fusing as standard • Available with or without disconnect or circuit breaker • Available with or without a reactor • SCCR up to 100kA depending on configuration

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GA800 480V, 400 to 600 HP Configured Size Reduction

To complement the new frame 12 ratings, Yaskawa has repackaged the 400 to 600 HP Normal Duty (350 to 500 HP Heavy Duty) configured offering as follows. These ratings were previously in a 2-door floor mount and are now reduced to a single-door floor mount.

Previous Type 1 and Type 12	Repackaged Type 1 and 12
 <p data-bbox="440 1073 574 1098">F2 Enclosure</p>	 <p data-bbox="1089 1073 1224 1098">F1 Enclosure</p>
<ul style="list-style-type: none"> • Still available for custom-engineered orders 	<ul style="list-style-type: none"> • 50% smaller than existing GA800 Configured

About Yaskawa America, Inc.

Yaskawa America's Drives & Motion Division manufactures industrial automation equipment, including low- and medium-voltage variable-speed drives, servo motors and amplifiers, machine controllers, spindle drives and motors, and low-voltage industrial switch products. The company's Motoman Robotics Division makes industrial robots that can weld, assemble, cut, and handle goods for manufacturers.

Yaskawa products are used in a wide variety of industries, including automotive, building automation, machine tool, material handling, metal forming, packaging, pumping, water/wastewater treatment, plastics, rubber, solar, irrigation, and textile. Yaskawa America, Inc. employs more than 1,000 people in its headquarters in Waukegan, IL, its manufacturing facilities in Buffalo Grove, IL and Oak Creek, WI, and in offices across the United States. For more information about GA800 and other Yaskawa products visit our website at www.yaskawa.com.

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