

P1000 600 V AC DRIVES

THE FLEXIBLE, INTUITIVE DRIVE SOLUTION
FOR INDUSTRIAL FANS & PUMPS



The P1000 drive provides simple, reliable, cost-effective control for variable torque loads through 250 HP at 500-600 V.

Specific application features, energy savings, and network connectivity make the P1000 a great choice for industrial fans and pumps.

BENEFITS

- Exceptional Yaskawa Quality
- Easy to Apply and Maintain
- Energy Savings
- Reduced Cabinet Space
- Preventative Maintenance Monitors
- Extensive I/O and Communication Options



500-600 V AC Input: 1-250 HP

FEATURES

- Real Time Clock
- Fan and Pump Application Presets
- Customizable Display for Engineering Units
- Underload Detection
- Parameter Storage and Removable Terminal Board
- Built-in DC Reactor (40 HP and above)
- Easily Replaceable Cooling Fans
- Options for all Major Industrial Networks
- Global Certifications: UL, CSA, CE, RoHS, C-Tick
- Backside Type 12 Flange Configuration

IT'S PERSONAL

YASKAWA

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600V - THREE-PHASE MODELS

Model Number	3-Phase Input, 600 V		P1000 Dimensions			Weight (lb)	
	Rated Current (A)	Max Capacity (HP)	Height	Width	Depth	NEMA 1	Protected Chassis
CIMR-PU5A0003FAA	2.7	1 & 2	12.06	5.51	5.79	7.3	--
CIMR-PU5A0004FAA	3.9	3	12.06	5.51	5.79	7.3	--
CIMR-PU5A0006FAA	6.1	5	12.06	5.51	6.46	8.2	--
CIMR-PU5A0009FAA	9	7.5	12.06	5.51	6.46	8.2	--
CIMR-PU5A0011FAA	11	10	12.06	5.51	6.57	9.3	--
CIMR-PU5A0017FAA	17	15	13.38	7.09	7.36	13.0	--
CIMR-PU5A0022FAA	22	20	13.38	7.09	7.36	13.0	--
CIMR-PU5A0027FAA	27	25	15.47	8.66	7.76	20.1	--
CIMR-PU5A0032FAA	32	30	15.47	8.66	7.76	20.1	--
CIMR-PU5A0041FAA	41	40	20.62	11.35	10.16	59.4	--
CIMR-PU5A0052FAA	52	50	20.62	11.35	10.16	59.4	--
CIMR-PU5A0062FAA	62	60	30.08	12.95	11.14	99.0	--
CIMR-PU5A0077FAA	77	75	30.08	12.95	11.14	99.0	--
CIMR-PU5A0099FAA	99	100	30.08	12.95	11.14	99.0	--
CIMR-PU5A0125AAA	125	125	37.80	17.95	12.99	--	174
CIMR-PU5A0145AAA	145	150	37.80	17.95	12.99	--	174
CIMR-PU5A0192AAA	192	200	45.98	19.84	13.78	--	235
CIMR-PU5A0242AAA	242	250	45.98	19.84	13.78	--	235

Dimensions and weights are approximations and for reference only. Please see User Manual for actual weights and dimensions



PREVENTATIVE MAINTENANCE MONITORS

Maximize production and intelligently schedule your maintenance by making use of the P1000's special monitors that provide alarm information when a drive requires attention. Use this information to trigger discrete outputs or send the status across a network for upper level decision making.

- Cooling Fan Remaining Life
- IGBT (Power Module) Remaining Life
- Bus Capacitor Remaining Life
- Precharge Relay
- Drive (Heatsink) Temperature

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