



ECsmart MOTORS

with User Interface for Speed Control, High Efficiency



Design A



Design B



Speed Control - 884200-RPM
(for use with Design B only)

Remote mount RPM gauge
and 0-10v adjustment
(For Design A use CNEC-POT)

FEATURES

NEW HIGH EFFICIENCY ECSMART MOTOR - UP TO 70% ENERGY SAVINGS WITH EC MOTORS

- High efficiency, up to 85% efficiency with watt savings of 30 to 70%
- Variable HP & speed
- 1/4 HP to 1.0 HP, 1800 & 1200 RPM models available
- Cool running and self-limiting for extreme protection and longevity
- Totally enclosed or ODP with reversible options - suitable for many applications
- Available with manual or remote speed control and readout
- 0-10 VDC remote or on-board potentiometer
- LED display indicates RPM (standard with Design A, optional Design B)
- Electronically protected - 120/208-230/280 V



PERFORMANCE SPECIFICATIONS

	MODEL NUMBER	HP	RPM	VOLTS	AMPS	HZ	SHIP WT. (LBS)
Design A	8842025-RPM18	1/4	300-1800	120/208-230/280V	2.8/1.7-1.3	50/60	10
	8842033-RPM18	1/3	300-1800	120/208-230/280V	4.4/3.0-2.6	50/60	10
	8842050-RPM18	1/2	300-1800	120/208-230/280V	5.6/4.5-3.2	50/60	10
	8842050-RPM12	1/2	300-1200	120/208-230/280V	6.2/4.5-3.9	50/60	10
	8842075-RPM18	3/4	300-1800	120/208-230/280V	8.8/7.6-2.5	50/60	15
	8842075-RPM10	3/4	300-1000	120/208-230/280V	9/5.2-4.2	50/60	15
	8842100-RPM18	1	300-1800	120/208-230/280V	10.2/8.1-6.1	50/60	15
Design B	8842100-RPM12	1	300-1200	120/208-230/280V	11.5/7.9-6.9	50/60	15
	8842025-10V18	1/4	300-1800	120/208-230/280V	2.8/1.7-1.3	50/60	10
	8842033-10V18	1/3	300-1800	120/208-230/280V	4.4/3.0-2.6	50/60	10
	8842050-10V18	1/2	300-1800	120/208-230/280V	5.6/4.5-3.2	50/60	10
	8842050-10V12	1/2	300-1200	120/208-230/280V	6.2/4.5-3.9	50/60	10
	8842075-10V18	3/4	300-1800	120/208-230/280V	8.8/7.6-2.5	50/60	15
	8842075-10V10	3/4	300-1000	120/208-230/280V	9/5.2-4.2	50/60	15
	8842100-10V18	1	300-1800	120/208-230/280V	10.2/8.1-6.1	50/60	15
	8842100-10V12	1	300-1200	120/208-230/280V	11.5/7.9-6.9	50/60	15

**** Please note: Specifications are subject to change without notice as the product is still in development stages. ****

DIMENSIONS

	MODEL	A
DESIGN A	8842025-RPM18	7 1/4"
	8842033-RPM18	7 1/4"
	8842050-RPM18	7 1/4"
	8842050-RPM12	8"
	8842075-RPM18	8"
	8842075-RPM10	8"
	8842100-RPM18	8"
DESIGN B	8842100-RPM12	7 1/4"
	8842025-10V18	7 1/4"
	8842033-10V18	7 1/4"
	8842050-10V18	7 1/4"
	8842050-10V12	8"
	8842075-10V18	8"
	8842075-10V10	8"
	8842100-10V18	8"
	8842100-10V12	7 1/4"

