



Direct Drive Blower Motors - ECM

5 1/2 inch dia. MARS SERIES **036**

MOTOR COMPARISON

	PSC MOTOR	STANDARD ECM (X13)	PREMIUM ECM (ThinkTank™ 2.3 & 3.0)	ECM RETROFIT (Evergreen™)
TECHNOLOGY	Induction Motor	Brushless DC	Brushless DC	Brushless DC
AVAILABLE HORSEPOWER	1/3, 1/2, 3/4, 1 HP	1/3, 1/2, 3/4, 1 HP	1/3, 1/2, 3/4, 1 HP	1/5, 1/4, 1/3, 1/2, 3/4 HP
SPEEDS	Select 1-5 taps	Select 1-5 taps	Variable-speed	Select 1-5 profiles
SPEED RANGE	800-1100 RPM	600-1100 RPM	200-1300 RPM	600-1200 RPM
CLIMATE PROFILES	NO	NO	YES	NO
INTELLIGENT CONTROLS	NO	Constant Torque	Constant Airflow	Speed, Compensated Profiles
ADVANCED FEATURES	NO	NO	Communicating Motor, BlaKBox™ Technology	NO
PEAK MOTOR EFFICIENCY	59%	80%	80%	80%
AVERAGE POWER * (COOLING CFM)	515 W	413 W	413 W	413 W
AVERAGE POWER * (CONTINUOUS FAN CFM)	515 W	200 W	83 W	95 W
SUMMARY	No Features, Baseline Product	Limited Features, High Efficiency	Full Features, Maximum Efficiency	Limited Features, High Efficiency
APPLICATION	Retrofit & OEM	OEM	OEM	Retrofit for indoor PSC Motors

* Average power consumption based on specified setting in a typical three-ton system.

GENTEQ



GE TecMate Pro™ Service Tool

The new GE Tecmate Pro™ Service Tool, MARS stock #08500 is the latest advance in ECM technology developed by and for Genteq Motors. The Tecmate allows the service technician to analyze a Genteq ECM motor independently of the HVAC system in which it is installed. The Tecmate can test all the basic settings of a Genteq ECM motor, and can detect and isolate motor failures from HVAC system failures.

Genteq is the leader in ECM motor technology. ECM motor applications are a fast growing segment of the residential and light commercial HVAC market. Genteq's advanced designs in ECM motors are at the forefront of high efficiency equipment design.

MARS No. 08500

**Compact
Easy To Use**

See Additional ECM Accessories on page M-75

