

# MOTOR COMPARISON

	PSC MOTOR	STANDARD ECM (X13)	PREMIUM ECM (ThinkTank™ 2.3 & 3.0)	ECM RETROFIT (Evergreen™ • AH)
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	1/2, 1 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	Speeds, Compensated Profile
ADVANCED FEATURES	NO	NO	Communicating Motor, BlaKBox™ Technology	NO
PEAK MOTOR EFFICIENCY	59%	80%	80%	80%
AVERAGE POWER * (COOLING CFM)	552 W	413 W	413 W	413 W
AVERAGE POWER * (CONTINUOUS FAN CFM)	515 W	200 W	83 W	86 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 PSC Air handler motors

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



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GE ECM

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