



morrillmotors®

MOTOR COMPARISON

	SHADED POLE	PSC	ICE • ECM
Technology	Induction Motor	Induction Motor	Brushless DC
Available Horsepower	1/250 to 1/4	1/150 to 1/4	1/15
Programmable Speeds	1 Speed	2 Discrete Speeds	1,2, or Fully Variable
Speed Range	Fixed	Fixed	500-1800 RPM
Efficient Low Speeds	No	No	Yes
Fan Adjustments	No	No	Regulated Speed
Advanced Features	None	None	Customer Programmable, ECM Toolbox Software
Motor Efficiency*	32%	49%	66%
Input Power*	138 W	96 W	45 W
Daily Heat Loss*	2.26 kWh	1.18 kWh	0.36 kWh
Summary	No Features, Baseline Product	Higher Efficiency	Full Features, Maximum Efficiency

* Comparing 1/15 HP motors running 1550 RPM @ 43 oz-in



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