

PREMIUM EFFICIENCY FOR YOUR APPLICATIONS









A GREEN INITIATIVE

Are You GridSmart™?


As the demand to reduce energy consumption continues to shape the future of the fan industry, Twin City Fan's new line of GridSmart™ Electronically Commutated (EC) Motors will help you meet or exceed the Department of Energy's fan regulations, while reducing operating costs. GridSmart™ EC Motors combine AC and DC voltages in order to bring our customers the best of both technologies, giving the ability to maintain high efficiencies at the demanded speed of the application.

If your application requires a variable load, consider the GridSmart™ EC motors. If the flow is reduced by half, the power will be reduced by 88%!!!

Benefits of GridSmart™ EC Motors

-  **High Efficiency**
Efficiencies up to 87.5%, providing big energy savings over traditional PSC motors, up to 66%!
-  **Longer Life**
Lower operating temperatures and permanent lubrication
-  **Quiet & Smooth Operation**
Soft start technology for reduced noise
-  **Easy Installation and Commissioning**
EC motors up to 2 HP, single-phase or factory-mounted and wired drives with induction motors up to 5 HP, three-phase
-  **Wide Turndown Capability**
80% usable turndown range compared with 40% maximum on PSC motors
-  **Low Maintenance**
Reduced maintenance benefits of direct drive fans with performance similar to belt driven fans



 For more detailed information about motor availability, download our Fan Selector software at tcf.com.



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