



ECM Toolbox

Applications: Our ECM Toolbox can be used to program our ARKTIC 59, ARKTIC 142, ICE 59, and ICE 142 motors.

Innovative design: Our Windows based programming software, compatible with both XP and Vista operating systems, allows you to create programs in your laboratories, program motors on your manufacturing lines, and reprogram motors when retrofitting shaded pole and permanent-split capacitor motors to match airflow.

Optimize your performance: The ECM Toolbox can be used to program ARKTIC 59, ARKTIC 142, ICE 59, and ICE 142 motors at your facility to optimize airflow and system efficiency.

Features:

- Built-in pulse width modulator (PWM) to control the speed of the motor to help create programs (ICE 59 and ICE 142)
- Create digital serial interface (DSI) programs (ICE 59 and ICE 42)
- Calculate motor efficiency and display input power (DSI programs for ICE 59 and ICE 42)
- Graphically displays motor output (speed & duty cycle)
- Read BlakBox data to show hours of operation, total run time over 80%, total time in cutback region, total starts, maximum internal control temperature, shaft watts of last command output, bus voltage of last command output, and internal control temperature of last reading (ICE 59 and ICE 142)
- Set the number of operating points (2 for ARKTIC 59 and 3 for ARKTIC 142)
- Set the RPM for each operating point (ARKTIC 59 and ARKTIC 142)
- Set the rotation for each operating point (ARKTIC 59 and ARKTIC 142)

The Morrill Motors Pledge

Since 1946, Morrill Motors has earned the trust of customer around the world. Our commitment to quality and unique designs is unwavering. Working with you and your team, we will ensure exacting specifications and performance standards whether you select one of our many current production models, or choose to have us customize features and specifications to meet your special requirements.

We are pledged to ensure your success. Expect only the best service, quality and value when you specify Morrill Motors.