

VENTRY ELECTRIC FAN OWNER'S MANUAL INSERT

Please use these instructions, which are specific to the Electric Fan, along with the blue or green "VENTRY All-Terrain Attack Fans, Owner's Manual" included with your fan.

How to Operate the Electric Fan

1. Make sure the Power (PWR) switch is turned to OFF.
2. Extend the fan legs a minimum of 6 inches. (See "Leg Adjustment" section of "Owners Manual" for instructions)
3. Plug in the fan.
4. Turn the PWR switch to ON.
5. Turn the run switch from STOP to RUN (either direction will work equally well).
6. Set the variable speed dial to the desired setting. At its highest setting, the fan will draw 20 amps. Reducing the speed will reduce the amperage draw of the fan and the fan's air volume.



Variable Speed Drive



Programming

Programming of the electric drive is done at the factory using the supplemental programming buttons. No further programming should be necessary. From the factory, the digital display is set to show revolutions per minute (RPM). You can toggle the display to show RPM, hertz (H) or amperage (A) of the motor by pressing the PROGRAM button. Note that the display shows the amperage of the three-phase motor, not the input amperage.

Specifications

Motor: 1.5 HP / 1.1 kW

Volume: 12,080 cfm, 9.3 pounds thrust

Wattage: 2400 watts

Amps: 20 Amp or less, even at start up (no initial spike)

Input: Single phase, 99-126V (voltage range: 110V +/- 10%), 50/60 Hz +/- 5%
(plugs in to normal household current)

Output to motor: Three-phase (the drive converts single phase to three phase)

Controller: Variable frequency drive - allows variable speed from 0 to 3600 RPM

GFCI: Not for use on GFCI-protected circuits

Listed: All electrical components are UL and CSA listed

Nema Plug: Locking plug L5-20 (standard) or non-locking 5-20; others upon request

Dimensions: 23.75h x 23.25w x 21.25d inches (with legs retracted for storage).

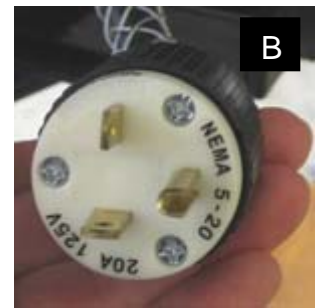
Weight: 69 pounds (base model without options)

Optional: Wheels & Folding Tow Handle (does not retrofit) and low-pressure filtered water Misting Ring Kit for cooling/rehab (does retrofit)

Plugs and Cords



The 1.5 hp Electric VENTRY Fans come with a 20 Amp plug wired on. Locking NEMA L5-20 (picture A) is recommended and used by default if not specified. Non-Locking NEMA plug 5-20 (picture B) is also available.



Any extension cord you choose to use with this electric fan must have an ampacity of 20 amps or greater. You can run 12 gauge up to 250 feet long. Anything longer than 250 feet must be 10 gauge.

Power Supply

While programmed not to exceed 20 amps, even at start-up, the 1.5 hp VENTRY Electric Fan requires a full 20 amps of power for maximum air volume. The fan's speed may be reduced using the Variable Speed dial to allow for a lesser power supply, but air volume will also decrease. Many factors affect your power supply, including other equipment drawing power from the same circuit and the gauge and length of cord into which the fan may be plugged.

Flashing Red Line Displayed

During operation, if a red line flashes on the digital display, it is an indication that one or more power-related limits have been exceeded. The blinking line will appear immediately when the power available is inadequate for the fan's current setting. Turn down the Variable Speed dial if this occurs. As a safety feature, if speed is not reduced promptly, the fan will automatically shut off to prevent damage. Should this occur, check your power supply, restart the fan, and adjust the variable speed.

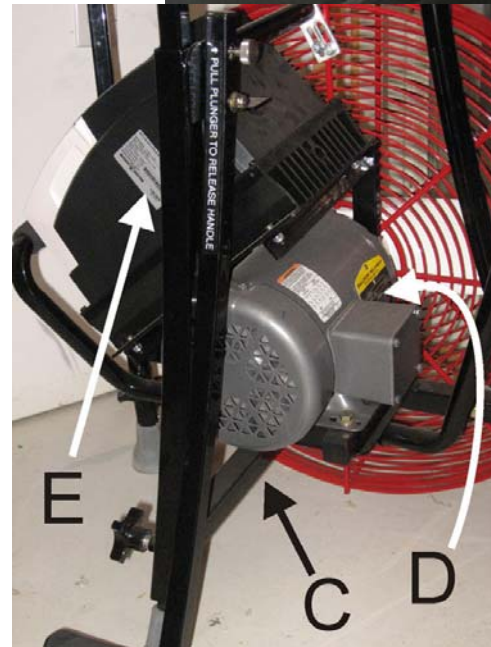
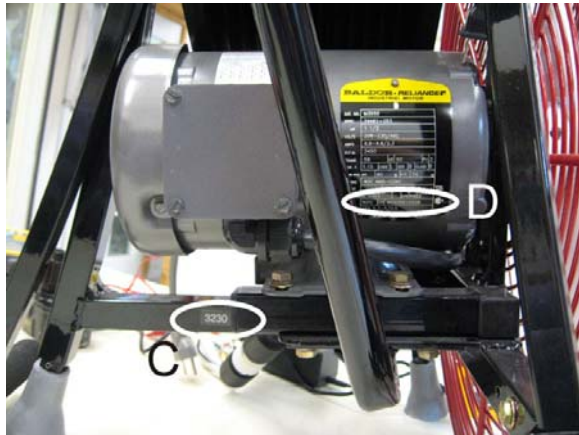
Fan Identification

Every VENTRY Fan is identified with several unique numbers. Having these identification numbers available will help make sure you receive the correct parts and service, should they ever be necessary.

The *Fan Number* is on a label which is stuck to the black frame below the drive (labeled C in lower left and lower right photos). It is usually four digits; for example, a fan number might be 4567.

The *Motor Serial Number* is found on a plaque next to the letters "S/N" as shown (labeled D in lower left and lower right photos). It is 11 digits beginning with "W." For example, W0909101451.

The *Controller Serial Number* is on a label on the side of the controller/drive (labeled E in photos at right). It is the 11 digits underneath the barcode. For example, 55145700004.



Registration and Customer Service

Please register your VENTRY Fan so that we may reach you with any important product information and updates. A blue registration form should have been included with your fan but is also available online at ventry.com or available upon request. Please call with any questions, insights and feedback. Our toll-free number is (888) 257-8967.