



VENTRY ELECTRIC FAN Model 20EM3550



VENTRY FAN MODEL 20EM3550 IS 1.5 HP, VARIABLE SPEED, AND GFCI-COMPATIBLE.

Made by Ventry Solutions, Inc, this variable speed fan is easily deployed by one person and ideal for all levels and stages of ventilation, from aggressive, coordinated attack to post knock-down mop-up. It combines efficient three phase technology with the patented, all-terrain 3-legged design and Safety Propellers exclusive to VENTRY FANS. Rugged but not bulky, this electric fan weighs just 78 lbs and takes little storage space.



Motor:	1.5 HP / 1.1 kW
Volume:	10,500 cfm (17,837 m ³ /hr), 8.1 pounds thrust*
Wattage:	1800 watts
Input:	Single phase, 110V ±10%, 50/60 Hz ±5% (plugs into normal household current)
Output to Motor:	Three-phase; controller converts single phase to three phase
Amps:	15 A or less, even at start up (no initial spike)
Controller:	Variable speed from 0 to 3000 RPM
Nema Plug:	L5-15 (locking; standard) or 5-15; others upon request
Dimensions: (H x W x D)	23.25 x 23.25 x 20.25 inches, base model <i>without wheels</i> 23.25 x 23.25 x 21 inches with Solid Rubber Wheels 23.25 x 27.50 x 22.5 inches with Medium Flat-Free Wheels:
Weight:	78 pounds, base model
Listed:	All electrical components are UL and CSA listed
Country of Origin:	USA
US Patent:	5,503,526

*Thrust is a measure of fan performance that allows for easy comparison between fans.

BENEFITS OF THREE PHASE TECHNOLOGY

- **Size and weight.** Reduced by 25–50% over single phase systems which is critical for one-person operation and fitting limited storage compartments.
- **Efficiency.** Three phase systems provide almost constant torque and deliver more power using less amperage than single phase.
- **Sophistication.** Three-phase technology allows for better control of motor operations for greater compatibility with standard power supplies. For example, through programming, the power draw at startup is limited to 15 amps (no initial spike), thereby avoiding the need for huge breakers and other protections.

EXCLUSIVE TO VENTRY FANS

- Fail-safe two-blade, aircraft-style **Safety Propellers** of composite construction with vibration-dampening wood core and pressure-bonded, quadruple-layer fiberglass and Kevlar® outer structure contribute to fans' safety, durability, longevity, and efficiency.
- Individually adjustable solid aluminum **All-Terrain Legs** can straddle 12" high obstacles, provide rock-solid stance on imperfect ground, aim air stream over stairs and hose, and provide fast, unlimited aiming. Legs also uniquely eliminate the possibility of the fan picking up and ejecting or plugging with debris.
- Double reinforced **Free-Flow Wire Guard** allows maximum air supply for higher air volume while excluding objects larger than 1/2-inch for safety.



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