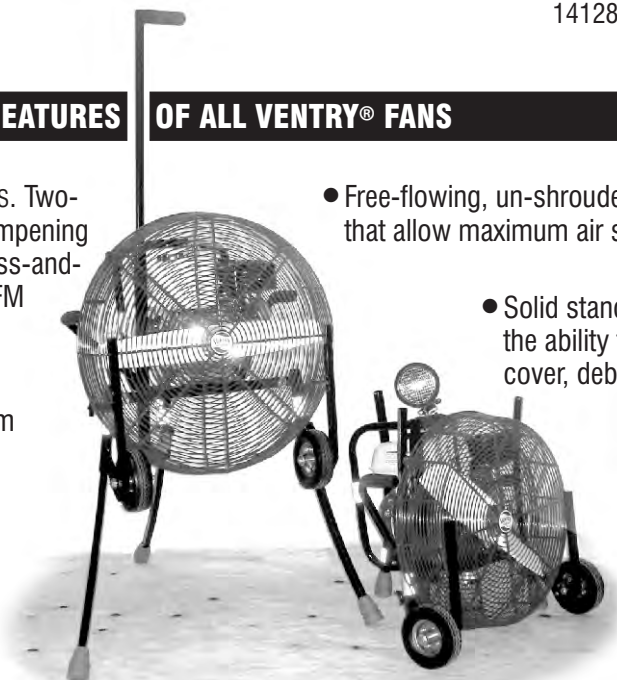


## FEATURES OF ALL VENTRY® FANS

- Smoke-busting VENTRY® SAFETY PROPELLERS. Two-blade, aircraft propellers with vibration-dampening wood cores and pressure-bonded fiberglass-and-Kevlar® outer structures for safety, high CFM and longevity.
- Robust, powder-coated steel frames with three individually adjustable solid aluminum legs that provide three-point stability, all-terrain versatility, and unlimited tilt/aiming.
- Capable of rising at least 14 inches above the ground, allowing aiming of the air stream over obstacles such as residential entry steps.



Patent 5,503,526

- Free-flowing, un-shrouded, double reinforced wire guards that allow maximum air supply to propellers.
- Solid stance on stairs or uneven ground and the ability to straddle 12-inch high ground cover, debris and equipment.
- Dual side handles for one- or two-person transport.
- Manufactured in our Hauser, Idaho, USA facility using only grade 8 hardware.

**Table 1**

MODEL	TYPE	PROP	MOTOR/ENG.	HP*	VOLUME (CFM)	THRUST (LBS)	CO (PPM)	FUEL CAPACITY	RUN TIME /TANK	ENGINE/MOTOR WARRANTY Commercial/Institutional Use
20EM3550	Electric	20	Baldor® EM3550	1.5	10,500	8.1	0	N/A	N/A	Motor 18 mos; Drive 18 mos
20GX120	Gas	20	Honda® GX120	3.5	16,500	12.7	17	2.1 qts	1.8 hrs	Engine: 3 years
20GX160	Gas	20	Honda GX160	4.8	17,300	14.4	⌚	3.3 qts	2.0 hrs	Engine: 3 years
24GX120	Gas	24	Honda GX120	3.5	20,000	17.6	16	2.1 qts	1.8 hrs	Engine: 3 years
24GX160	Gas	24	Honda GX160	4.8	24,000	19.8	32	3.3 qts	2.0 hrs	Engine: 3 years
24GX200	Gas	24	Honda GX200	5.5	29,500	24.4	19	3.3 qts	1.7 hrs	Engine: 3 years

⌚ Measurement not yet available

**\*HP (HORSEPOWER).** VENTRY FAN specs show correct HP ratings, but many other PPV fan manufacturers continue to publish pre-2007 values. Long ago, litigation changed the way Honda and other small engine manufacturers rated HP (*Table 2*). When comparing fans, if the fans' engines are equal in make and model, then the engines are equal in power, even if the HP ratings shown do not match.

**VOLUME.** Air volume, in cubic feet per minute (CFM), is measured on VENTRY FANS with the legs extended. Multiply by 1.69875 to convert this to meters cubed per hour (m<sup>3</sup>/h).

Air volume (**output**) is a much better indicator of fan performance than engine horsepower (**input**). However, because air volume is measured inconsistently in the industry, comparing published CFM values is largely meaningless and in many cases misleading. We encourage hands-on and side-by-side testing in order to truly compare CFM ratings.

**Table 2**

MOTOR MAKE & MODEL	HP RATINGS	
	Pre-2007	Now
Honda GX120	4 hp	→ 3.5 hp
Honda GX160	5.5 hp	→ 4.8 hp
Honda GX200	6.5 hp	→ 5.5 hp

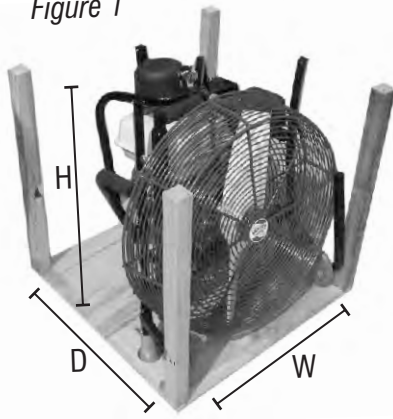
**THRUST.** Based on Newton's third law of motion, thrust is a measure of fan performance that allows easy comparison of fans, with far fewer variables than direct measure of CFM. Simple instructions available upon request.

**CARBON MONOXIDE.** All VENTRY FAN models' CO output at equilibrium are well below OSHA standards of 50 PPM.



# VENTRY FAN Specifications, Continued

Figure 1



DIMENSIONS (W x D x H, Inches)			
MODEL	Fan with no wheels	Fan with wheels, Small Solid Rubber	Fan with wheels, Medium Flat-Free
20EM3550	23.5 x 20.5 x 23.5	23.5 x 21 x 23.5	27.5 x 22.5 x 23.5
20GX120	23.5 x 20.5 x 23.5	23.5 x 21 x 23.5	27.5 x 22.5 x 23.5
20GX160	23.5 x 20.5 x 23.5	23.5 x 21 x 23.5	27.5 x 22.5 x 23.5
24GX120	27 x 22 x 28	27 x 23 x 28	27 x 24 x 28
24GX160	27 x 22 x 28	27 x 23 x 28	27 x 24 x 28
24GX200	~	27 x 23 x 28	27 x 24 x 28

WEIGHT (Lbs)			
MODEL	Fan with No Wheels	Fan with Solid Rubber Wheels	Fan with Medium Flat Free Wheels
20EM3550	78	84	87.5
20GX120	60 - 64	66 - 70	69.5 - 73.5
20GX160	66 - 72	72 - 78	75.5 - 81.5
24GX120	78 - 82	84 - 88	87.5 - 91.5
24GX160	73 - 79	79 - 85	82.5 - 88.5
24GX200	~	88 - 94	90.5 - 96.5

**DIMENSIONS.** Listed measurements were taken with the fans' legs retracted for storage, as shown in Figure 1. Actual measurements may vary  $\pm 1/2$  inch in manufacturing.

**WEIGHT.** The weight of each fan can vary, depending if it is "dry" (without fuel or oil) or "wet" (with fuel and oil). Accessories (other than wheels) do not add any measurable weight.

ACCESSORIES BY MODEL							
MODEL	Small Solid Rubber	Medium Flat-Free	Entry Point Halogen	Spark Point LED	Tachometer	Misting Ring	Ultimate Door Stop
20EM3550	●	●	~	~	~	●	☑
20GX120	●	●	~	~	●	●	☑
20GX160	●	●	●	●	●	●	☑
24GX120	●	●	~	~	●	●	☑
24GX160	●	●	●	●	●	●	☑
24GX200	☑	●	~	~	●	●	☑

ELECTRIC FAN MODEL 20EM3550
<b>Motor:</b> 1.5 hp / 1.1 kW
<b>Wattage:</b> 1800 watts
<b>Input:</b> Single phase, 100-115V, 50-60 Hz
<b>Output to Motor:</b> Three phase (lowers weight)
<b>Amps:</b> 15 Amp or less, even at start-up (no initial spike)
<b>Controller:</b> Variable speed from 0 to 3000 RPM
<b>Listed:</b> All electrical components are UL and CSA listed
<b>NEMA 15A Plugs:</b> Locking plug L5-15 (recommended) or straight/non-locking 5-15 (by request). Advise upon order.
<b>GFCI-compatible.</b> Please note that older GFCI breakers may have sensitivity conflicts with modern GFCI-compatible equipment.

ELECTRIC VENTRY FANS, model 20EM3550, shown with legs retracted, legs partially extended, and legs fully extended. All three fans shown have optional Small Solid Rubber Wheels and Skids.

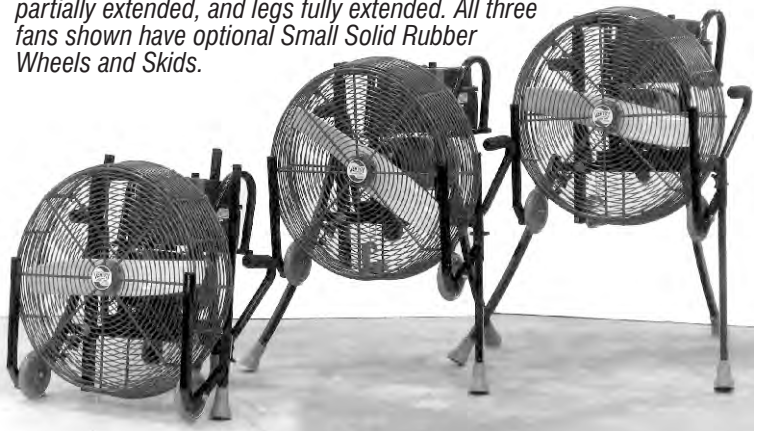


Figure 2. Two Wheel Choices

Medium Flat-Free Wheels

Small Solid Rubber Wheels



**WARRANTY.** VENTRY FANS come with lifetime factory support. Also, workmanship and materials are covered on all VENTRY FANS for five years. Our customers have deemed this our "No BS" warranty. No matter your fan's age or origin, if you ever have questions, please contact us and we will help!