



FAN SPECIFICATIONS

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ALL VENTRY FAN MODELS...

- ...feature smoke-busting Safety Propellers: two-blade, aircraft style props with vibration-dampening wood cores and pressure-bonded, quadruple-layer fiberglass-and-Kevlar® outer structures – for high CFM, durability and fail-safe performance
- ...include robust, powder-coated steel frames with three individually adjustable legs that provide three-point stability, all-terrain versatility, and unlimited tilt/aiming
- ...are capable of rising at least 14 inches above the ground, allowing aiming of the air stream over obstacles such as residential entry steps
- ...may be placed on stairs or uneven ground and have the ability to straddle 12" high ground cover, debris and equipment
- ...feature free-flowing, un-shrouded, reinforced wire guards that allow maximum air supply to propellers
- ...include dual side handles for one- and two-person transport
- ...include 5-year warranties on workmanship and materials and lifetime factory support
- ...are manufactured in our Hauser, Idaho, USA facility using only grade 8 hardware



Patent 5,503,526

WARRANTY: Workmanship and materials are covered on all VENTRY Fans for five years. No matter your fan's age or origin, if you ever have questions, please contact us. We will do our best to help.

In general, VENTRY Fan model numbers identify the propeller length (20- or 24-inch) and motor of each fan. See Table 4, page 2, for additional specs on the two Electric Fans.

MODEL	TYPE	PROP	MOTOR/ENG.	HP*	VOLUME (CFM)	THRUST (LBS)	CO (PPM)	FUEL CAPACITY	RUN TIME /TANK	ENGINE/MOTOR WARRANTY Commercial/Institutional Use
20E1.5	Electric	20	Baldor® M3550	1.5	12,080	9.3	0	N/A	N/A	Motor 18 mos; Drive 24 mos
20E1.5GFCI	Electric	20	Baldor® M3550	1.5	12,080	9.3	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
20GC160	Gas	20	Honda GC160	4.6	17,000	13.5	☉	1.9 qts	1.5 hrs	Engine: 3 months
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
24GC160	Gas	24	Honda GC160	4.6	23,800	19.7	30	1.9 qts	1.5 hrs	Engine: 3 months
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):** The horsepower ratings of the Honda engines used on VENTRY Fans changed several years ago due to litigation involving the motor manufacturers (Honda, Briggs & Stratton, Tecumseh, etc.). As a result, our specs have been updated as shown in Table 2. **The motors have not changed, just their HP ratings.** Please be aware that ratings may not yet be updated by all fan manufacturers. When comparing fans, if the fan engines' makes and models are the same, they are likely of equal horsepower too, even if the HP ratings shown do not match.

VOLUME: Air volume, in cubic feet per minute (CFM), is measured with the legs extended. Conversion of CFM to meters cubed per second (m³/s) available upon request.

THRUST: Based on Newton's third law of motion, thrust is a measure of fan performance that allows easy comparison of fans, with fewer variables than direct measure of CFM.

CARBON MONOXIDE: All fan models' CO output at equilibrium are well below OSHA standards of 50 PPM.

HONDA GC- VERSUS GX-SERIES ENGINES. The GC160 motor is an economy option, rated as residential duty, while the heavier duty Honda GX series motors (GX120, GX160, GX200) are rated commercial duty. GX motors also have cast iron bores instead of aluminum, low-oil shut off protection, an on/off switch separate from the throttle, and a fuel shut-off valve. Warranties also differ (see Table 1).

MOTOR MAKE AND MODEL	HP RATINGS	
	Original	New
Honda GX120	4 hp	→ 3.5 hp
Honda GC160	5 hp	→ 4.6 hp
Honda GX160	5.5 hp	→ 4.8 hp
Honda GX200	6.5 hp	→ 5.5 hp

Please note that air volume (**output**) is a much better indicator of fan performance than engine horsepower (**input**). For more information about HP ratings changes, please see <https://lawnmowerclass.com/>

FAN SPECS continued

MODEL	DRY	WET
20E1.5	72	~
20E1.5GFCI	71	~
20GX120	60	65
20GC160	57	61
20GX160	64	71
24GX120	67	72
24GC160	66	70
24GX160	71	78
24GX200	78	85
24LP	107	122

"Dry" is without fuel or oil;
"Wet" is with full fuel and oil.

DIMENSIONS. Sizes of all VENTRY Fan models are shown in Table 5. Actual measurements may vary $\pm 1/2$ inch in manufacturing. Measurements were made with fan legs retracted for storage, as shown in Figure D.

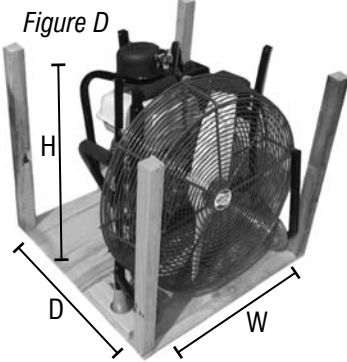


Figure D

Table 4
ADDITIONAL ELECTRIC FAN SPECS
Model 20E1.5 and Model 20E1.5GFCI

Motors: 1.5 hp / 1.1 kW
Wattage: 2400 watts
Input: Single phase, 100-115V, 50-60 Hz
Output to Motors: Three-phase (decreases weight)
Amps: 20 A or less, even at start-up (no initial spike)
Controllers: Variable speed from 0 to 3600 RPM
Listed: All electrical components are UL and CSA listed
NEMA 20A Plugs: Your choice of locking plug L5-20 (recommended) or non-locking 5-20 (by request). See Figure C.
GFCI-compatibility: 20E1.5 - not for use with GFCIs 20E1.5GFCI - is GFCI compatible. Please note that older GFCI breakers may have sensitivity conflicts with modern GFCI-compatible equipment.



Figure A: Model 20E1.5 is not for use on GFCI circuits. This fan includes Solid Rubber Wheels and a Rear Folding Tow Handle, which folds against the fan body when not needed, as shown.

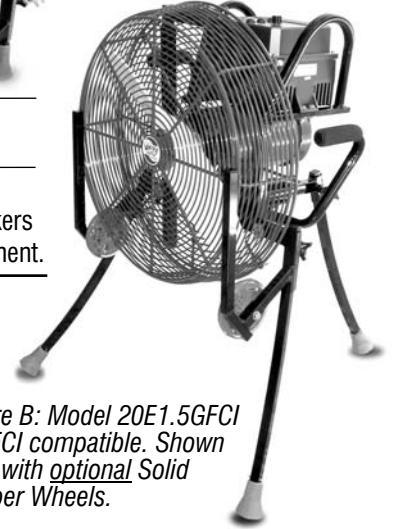


Figure B: Model 20E1.5GFCI is GFCI compatible. Shown here with optional Solid Rubber Wheels.

Figure C: 20 Amp Plug Choices
Locking L5-20 Straight 5-20



	Fan with no wheels	Fan with wheels, Solid Rubber	Fan with wheels, Small Pneumatic	Fan with wheels, Large Pneumatic
20E1.5	~	23.25 x 23.25 x 21.75	~	~
20E1.5GFCI	23.25 x 23.25 x 20.25	23.25 x 23.25 x 21	23.25 x 25 x 22.5	~
20GX120	23.25 x 23.25 x 20.25	23.25 x 23.25 x 21	23.25 x 25 x 22.5	~
20GC160	23.25 x 23.25 x 20.25	23.25 x 23.25 x 21	23.25 x 25 x 22.5	~
20GX160	23.25 x 23.25 x 20.25	23.25 x 23.25 x 21	23.25 x 25 x 22.5	~
24GX120	28 x 27 x 21.75	28 x 27 x 22.75	28 x 27 x 24	28 x 30 x 25.75
24GC160	28 x 27 x 21.75	~	~	~
24GX160	28 x 27 x 21.75	28 x 27 x 22.75	28 x 27 x 24	28 x 30 x 25.75
24GX200	~	28 x 27 x 22.75	28 x 27 x 24	28 x 30 x 25.75

MODEL	OPTION AVAILABILITY							
	Solid Rubber	Small Pneumatics	Large Pneumatics	Safety Light	Spark Arrester	Tachometer	Misting Ring	Ultimate Door Stop
20E1.5	See Figure A	~	~	~	~	•	☑	
20E1.5GFCI	•	•	~	~	~	~	•	☑
20GX120	•	•	~	~	•	•	•	☑
20GC160	•	•	~	~	•	•	•	☑
20GX160	•	•	~	•	•	•	•	☑
24GX120	•	•	•	~	•	•	•	☑
24GC160	~	~	~	~	•	•	•	☑
24GX160	•	•	•	•	•	•	•	☑
24GX200	☑	•	•	•	☑	•	•	☑

~ Not available
• Optional
☑ Included

One free Ultimate Door Stop included with new VENTRY Fans

OPTIONS. Availability varies by model and is shown in Table 6 and on the VENTRY Fan Price sheet. The notes that follow relate to the options' effects on weight and size.

- The Safety Light adds approximately 2 lbs. to fan weight. The light has no effect on dimensions.
- Solid Rubber Wheels include Stair Skids and a vertical handle (except on model 20E1.5 which includes the wheel and handle configuration shown in Figure A). This option adds 6 lbs. to a fan's weight.
- Small Pneumatic Wheels include Stair Skids and a vertical handle. This option adds 6.5 lbs. to a fan's weight.
- Large Pneumatic Wheels include a vertical handle but no Stair Skids are necessary. This option adds 6 lbs. to fan weight.