



Fan Specifications



ALL VENTRY FAN MODELS...

- ...feature smoke-busting Safety Propellers: two-blade, aircraft style props consisting of vibration-dampening wood cores with pressure-bonded, quadruple-layer fiberglass-and-Kevlar® outer structures for durability and fail-safe operation
- ...include powder-coated steel frames with three individually adjustable legs for three-point stability and all-terrain versatility, infinite tilt, and fail-safe engineering
- ...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 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
- ...are covered by 5-year workmanship and materials warranty
- ...are manufactured in our Hauser, Idaho, USA facility using only grade 8 hardware

- **VOLUME:** Air volume, expressed as cubic feet per minute (CFM), is measured with the legs extended. Conversion of air volume to m³/s (meters cubed per second) available upon request.
- **THRUST:** Thrust is a measure of fan performance that allows for easy comparison between fans, with fewer variables than measuring CFM.
- **CO:** Carbon monoxide (CO) output at equilibrium on all gas-powered VENTRY Fan models is below warning levels of 35 PPM.

There are eight VENTRY Fan models from which to choose. Bid specs on individual models are available upon request.

WARRANTY: All VENTRY Fans are covered by five-year warranties on workmanship and materials in addition to the engine/motor/drive warranties below.

MODEL #	TYPE	PROP	HP	MOTOR/ENG.	VOLUME (CFM)	THRUST (LBS)	CO (PPM)	FUEL CAPACITY	RUN TIME /TANK	ENGINE/MOTOR WARRANTY Commercial/Institutional Use
20E1.5	Electric	20	1.5	120V / 20A	12,080	9.3	0	N/A	N/A	Motor 18 mos; Drive 24 mos
20GX120	Gas	20	4	HONDA GX120	16,500	12.7	17	2.6 qts	2.2 hrs	Engine: 36 months
24GX120	Gas	24	4	HONDA GX120	20,000	17.6	16	2.6 qts	2.2 hrs	Engine: 36 months
24GC160	Gas	24	5	HONDA GC160	23,800	19.7	30	2.1 qts	1.7 hrs	Engine: 3 months
24GX160	Gas	24	5.5	HONDA GX160	24,000	19.8	32	3.8 qts	2.3 hrs	Engine: 36 months
24CH6	Gas	24	6	KOHLER CH6	25,000	21.9	21	3.4 qts	1.7 hrs	Engine: 12 months
24GX200	Gas	24	6.5	HONDA GX200	29,500	24.4	19	3.8 qts	1.9 hrs	Engine: 36 months
24LP	Propane	24	5.6	HONDA GX200	22,000	18.0	0.7	3.3 gal	5+ hrs	Engine: 12 mos or 100 hours

20E1.5 - ELECTRIC FAN - ADDITIONAL SPECS

Motor:	1.5 hp / 1.1 kW
Wattage:	2400 watts
Amps:	20 A or less, even at start-up (no initial spike)
Input:	Single phase 100-115V, 50-60 Hz
Output to Motor:	Three-phase (decreases weight)
Controller:	Variable speed from 0 to 3600 RPM
NEMA Plug:	Locking plug L5-20 (standard) or non-locking 5-20; others upon request
Listed:	All electrical components are UL and CSA listed



HONDA GC- VS GX-SERIES ENGINES. The Honda GC motor is rated as residential duty. Heavier duty Honda GX series motors are rated as 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.

SHIPPING. Fans are built to your specifications and ready to ship usually within three business days of your order. Fans ship FOB Factory, Hauser, Idaho via UPS Ground unless otherwise arranged. Please allow extra time for orders of Kohler fans, Propane fans, and orders of ten or more, as these take longer to manufacture.



Fan Sizes, Weight, and Options

Choose from five options when creating the ideal VENTRY Fan for your needs. Option availability by model shown in the chart below.

Optional: available as an option
Standard: included on the base model
N/A: not available on this model

MODEL #	ENTRY LIGHT	WHEELS & HANDLE		DIGITAL TACH	SPARK ARRESTER	MISTING KIT
		SOLID	PNEUMATIC			
20E1.5	N/A	Optional	N/A	N/A	N/A	Optional
20GX120	Limited Supply	Optional	N/A	Optional	Optional	Optional
24GX120		Optional	Optional	Optional	Optional	Optional
24GC160	N/A	Optional	Optional	Optional	Optional	Optional
24GX160	Optional	Optional	Optional	Optional	Optional	Optional
24CH6	N/A	Standard	N/A	Optional	Optional	Optional
24GX200	Optional	Standard	Upgrade	Optional	Optional	Optional
24LP	Optional	N/A	Standard	Optional	N/A	Optional

These three Options retrofit to existing VENTRY Fans...

OPTIONS

ENTRY POINT SAFETY LIGHT

This powerful flood light option is about Safety, Safety, Safety! It lights hazards in the entry area, serves as the "light at the end of the tunnel" for rapid egress, and lights up the fan itself.

Articulated to aim in any direction, the Safety Light is self-contained, water resistant, and powered by a small generator in select Honda GX-series engines. It does not retrofit to existing gas or propane-powered fans. The bulb is 50 watts on GX120 models (while supplies last), 50 watts on GX160 models and 100 watts on GX200 models. The light can be turned on and off as needed and folds down when not in use. This option adds 2 lbs. to weight but folds down for storage so does not change dimensions.

An Entry Point Safety Light will eventually be optional on electric fan model 20-E1.5 and retrofit to existing 20-E1.5 (electric) fans.

WHEELS & FOLDING TOW HANDLE.

Wheels and a folding handle are not sold separately; since neither is helpful without the other, they are considered one option. However, this option is available with either solid rubber wheels or 8-inch pneumatic (air-filled) tires.

TACHOMETER / HOUR METER. Digital Tiny Tach™ displays RPM and total hours. It's helpful for performance report, diagnostics, and maintenance scheduling.

SPARK ARRESTER. Self-cleaning, fine wire mesh captures carbon particles released during combustion. Required on all internal combustion engines operated in national forests.

FILTERED MISTING RING KIT. Low-pressure water Misting Ring Kit fits any fan with a wire guard (16" diameter or greater). Unique to VENTRY brand Mister is a 22-micron filter which flushes clear with the turn of a valve and prevents water supply impurities from clogging the nozzles. The Kit can reduce temperatures by 25° F when used with a standard 40 psi water supply (garden hose) and is safe up to 200 psi. Use for fire fighter rehab, salvage and overhaul, cooling at sporting events, special effects, etc.

ULTIMATE DOOR STOP/WEDGE. This clever door stop may be used several ways to hold a door open at a 90° angle. It can be used on top of the door, over the hinge pin, or as a wedge on the floor. Useful to every fire fighter and convenient if kept hung on the fan itself.

DIMENSIONS (INCHES) with legs retracted all the way for storage*			
MODEL #	Fan without	Fan with	Fan with
	Wheels & Handle H x W x D	Solid Rubber Wheels & Handle H x W x D	Pneumatic Wheels & Handle H x W x D
20E1.5	23.5 x 23.75 x 21.75	23.5 x 23.75 x 21.75	Not Available
20GX120	23.5 x 23.75 x 21.75	23.5 x 23.75 x 21.75	Not Available
24GX120	28.25 x 26.50 x 22	28.25 x 26.50 x 22.25	28.25 x 30 x 26.25
24GC160	28.25 x 26.50 x 22	28.25 x 26.50 x 22.25	28.25 x 30 x 26.25
24GX160	28.25 x 26.50 x 22	28.25 x 26.50 x 22.25	28.25 x 30 x 26.25
24CH6	Not Available	28.50 x 26.75 x 24.50	Not Available
24GX200	Not Available	28.25 x 26.50 x 22.25	28.25 x 30 x 26.25
24LP	Not Available	Not Available	28.25 x 30 x 26.5

*Dimensions of all fan models with and without the Wheels & Folding Tow Handles are shown in the chart. Actual measurements may vary by as much as 1/2 inch in manufacturing. If the sizes are close to your compartment size, please check with us before ordering to make absolutely sure it will fit.

MODEL #	WEIGHT (LBS)	
	DRY	WET
20E1.5	69	N/A
20GX120	59	64
24GX120	67	72
24GC160	66	70
24GX160	71	77
24CH6	77	83
24GX200	78	85
24LP	107	122

NOTES ON WEIGHT AND OPTIONS

Dry means without fuel or oil. Wet means with full fuel and oil.

Optional Solid Rubber Wheels & Folding Tow Handle adds approximately 3 lbs to a fan's weight.

Pneumatic Wheels & Folding Tow Handle adds 12.25 lbs. to the fans on which it is optional. On the 24GX200, Solid Wheels are included so are reflected in the weight already; Pneumatic Wheels are an upgrade that add just 7 pounds.