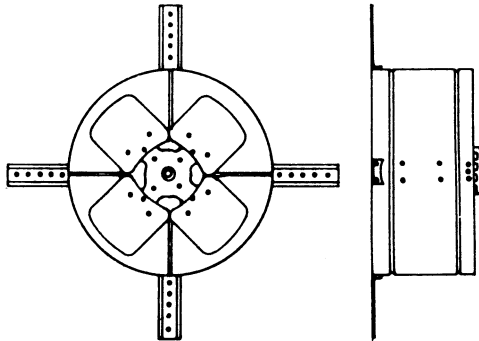


Gable Ventilators

Models GV16



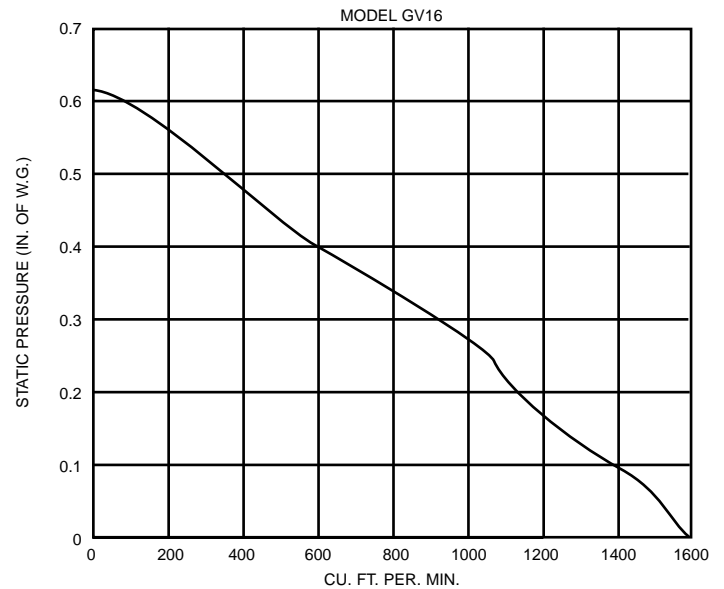
MODEL DESCRIPTION

Marley Engineered Products Model GV16 Gable Vent is fully automatic and designed for general ventilating use only in the attic spaces of houses, apartments and other small buildings. Unit can be installed behind existing attic louvers to exhaust hot air or pull in cool air. Model GV16 is a heavy-duty unit designed for larger homes. An accessory dehumidistat can be used with this unit to automatically activate in the winter to help eliminate excessive moisture.

FEATURES

- Heavy-duty steel housing.
- Easy to install in existing homes or new construction.
- Optional mounting. Exhaust hot air or pull in cool air.
- (4) Mounting brackets included.
- 18" Armored, flexible cable supplied.
- Pre-wired automatic thermostat in junction box.
- 16" Blade provides 1520 CFM for attics up to 2170 sq.ft.

PERFORMANCE DATA



SUGGESTED SPECIFICATIONS

Gable Ventilators shall bear the HVI Tested Certified Seal and the UL label. Ventilators shall have 24 gauge, cold-rolled formed E.Z.C. steel housing to prevent corrosion. Ventilator blade assembly shall be 16" in diameter consisting of four 18 gauge aluminum petals. A 18" flexible aluminum conduit shall lead from the motor to the junction box containing the thermostat. Ventilators shall have an adjustable thermostat operating between 60° and 120°F with an 15° differential. The junction box shall have integral mounting holes. Ventilators shall be mounted using four 16 gauge galv. steel die formed brackets. Ventilator motor shall be P.S.C. type rated at 120V, 60Hz, 3.2 Amps, 1/5 Hp and operating at 1100 RPM. Motor shall also have a non-reset thermal protector and be suitably grounded. Gable Ventilators shall be from Marley Engineered Products, 470 Beauty Spot Road East, Bennettsville, SC 29512

SPECIFICATIONS



HVI CERTIFIED RATINGS

MODEL	BLADE DIA.	VOLTS	AMPS	RPM	CFM	SHP. WT
GV16	16"	120	3.4	1100	1520	18.5

REFERENCE	QTY.	REMARKS	Project
			Location
			Architect
			Engineer
			Contractor
			Submitted By
			Date

INSTALLATION

NOTE: For maximum operating efficiency, the proper intake air opening must be provided to allow replacement of exhaust air. One square foot of free open air inlet per 300 CFM of fan capacity is recommended. The best location for air intake is at the opposite end of the attic. See "Minimum Attic Intake Air Required" section.

1. This gable ventilator is designed to mount behind existing louvers in your attic. If a louver is not present and one must be installed, it should be mounted in the center of the upper most portion of the gable. The area of the louver should be greater than the outlet area of the ventilator. (See Figs. 3 & 4).
2. There are four sets of holes spaced 90° apart in the housing, providing a choice of four depth positions. Reversing the brackets makes eight positions. Select the proper mounting holes to align the bracket and mounting structure on louvers. (See Fig. 2).
3. Ventilator may be mounted directly against a gable louver as shown in Fig. 3. If louver is sufficiently strong, mounting brackets may be nailed or screwed onto it.
4. If mounting the vent directly to the gable louvers is undesirable, pair of furring strips may be suspended vertically a maximum of 16 3/4" apart.
5. Ventilator may also be mounted on rectangular louvers as shown in Fig. 4.
6. For better performance: Cover any open louvered area around vent with plywood or other suitable material. This will improve the efficiency of the air exchange between the attic and the outside air. It will also prevent the thermostat from being directly affected by outside air.

FIG. 1

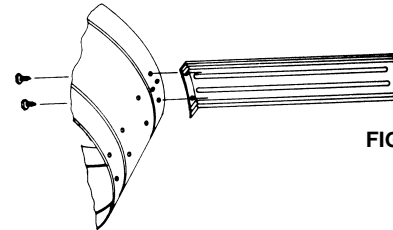
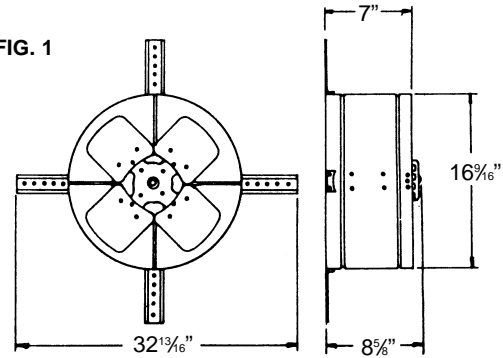


FIG. 2

MINIMUM ATTIC INTAKE AREA REQUIRED

Sufficient intake area must be provided in the attic to assure that the fan will not be overloaded and that it will deliver its rated CFM. This can be accomplished with some type of attic venting such as gable louvers or under-eave vents. The table below shows the minimum intake area needed for each fan installed.

MINIMUM ATTIC INTAKE AREA REQUIRED

(All Areas Are In Squared Feet)

UNRESTRICTED* OPENING REQD.	WOOD LOUVER* OPENING REQD.	METAL LOUVER* OPENING REQD.
5.1	6.4	5.9

NOTE: If openings are covered with 1/2" hardware cloth or large mesh expanded metal increase area by 20%. Double area if fly screen is used.

WIRING INSTALLATION

1. Thermostat box can be screwed or nailed to a rafter by mounting bracket provided. If nailed, removed thermostat from box before nailing to avoid damage. Connection to existing circuit must conform to local electrical code regulations.
2. Wiring of this unit is done inside of the attic. Remove cover from thermostat / junction box. Bring the power cable at least 6" into the box.
3. For standard installation, connect the two leads in the thermostat / junction box to the two supply leads. Attach ground wire from the supply to the green ground screw in the box. See Fig. 5.
4. See Fig. 6 for wiring dehumidistat to ventilator.
5. Replace cover to thermostat / junction box.

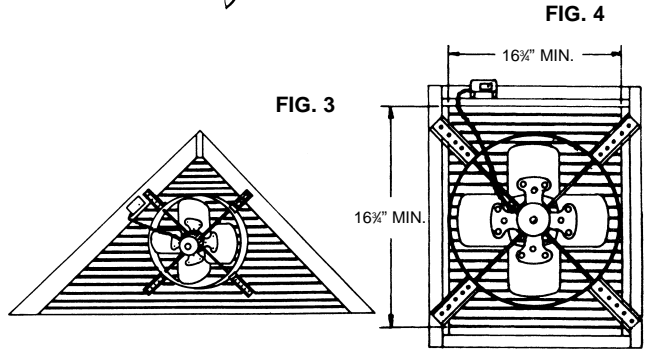


FIG. 5

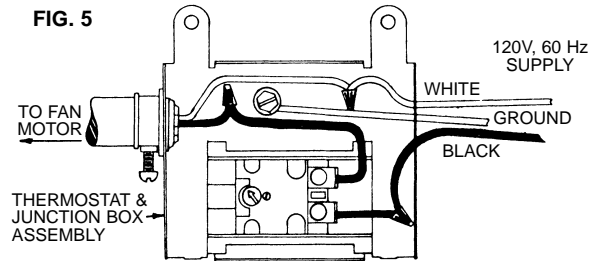
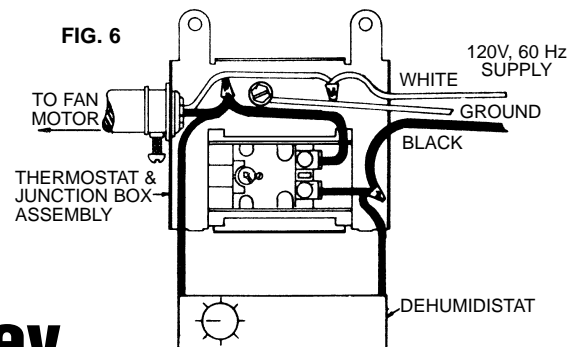


FIG. 6



470 Beauty Spot Road East,
Bennettsville, SC 29512
For more info visit www.marleymep.com