



**How to Select Power Attic Ventilators**

For proper attic ventilation, the Home Ventilation Institute recommends a system that provides at least 10 air exchanges per hour. Use the following formula to determine the fan capacity

(cu. ft. per min., cfm) needed to provide this minimum airflow:

**Attic Square Feet x 0.7 = cfm**

Note: For roofs pitched 7/12 or higher, you may want to add 20% more cfm capacity to handle the larger volume of attic space; 30% more for roofs 11/12 and higher.

**120V Attic Ventilators**



- Automatic control

These attic ventilators turn on automatically and provide proper airflow to help prevent heat and moisture buildup. They can reduce energy costs by circulating air, cooling attics, and reducing overall air conditioner strain.

Max. Attic Area	CFM @ 0.000" SP	Amps	Included with Ventilator	Brand	Mfr. Model	Item No.
<b>Gable Mounted</b>						
1,500 sq ft	1060	1.0	Guard, Thermostat	Dayton	347HY1	347HY1
1,500 sq ft	1095	1.0	Guard, Shutter, Thermostat	Dayton	347HX9	347HX9
1,600 sq ft	800	1.4	Guard, Shutter, Thermostat	Dayton	347HX8	347HX8
1,630 sq ft	1220	3.1	Thermostat	Dayton	10W193	10W193
1,630 sq ft	1220	3.1	Humidistat, Thermostat	Dayton	10W198	10W198
1,900 sq ft	1380	3	Thermostat	Dayton	10W196	10W196
1,900 sq ft	1380	3	Humidistat, Thermostat	Dayton	10W201	10W201
2,300 sq ft	1650	3.15	Thermostat	Dayton	10W194	10W194
2,300 sq ft	1650	4	Humidistat, Thermostat	Dayton	10W195	10W195
2,300 sq ft	1650	4	Thermostat	Dayton	10W197	10W197
2,300 sq ft	1650	4	Humidistat, Thermostat	Dayton	10W199	10W199
2,300 sq ft	1860	1.3	Guard, Shutter, Thermostat	Dayton	347HY0	347HY0
3,000 sq ft	1495	1.9/0.6	Accessory Bag, Smart Control Hub, Vent Covers	Quietcool	AFG SMT PRO-2.0	60RG26
3,000 sq ft	1947	1.9 A	Thermostat	Quietcool	AFG PRO-2.0	787L79
4,000 sq ft	2801	2.1/1.0/0.3	Accessory Bag, Smart Control Hub	Quietcool	AFG SMT ES-3.0	60RG28
4,000 sq ft	2860	2.1/1.4	Accessory Bag, Smart Control Hub, Vent Covers	Quietcool	AFG SMT PRO-3.0	60RG27
<b>Garage Mounted</b>						
2,300 sq ft	1452	—	Guard, Thermostat	Quietcool	GA ES-1500	45AM66
<b>Roof Mounted</b>						
2,100 sq ft	1500	2.3	Thermostat	Dayton	10N201	10N201
2,100 sq ft	1500	2.3	Humidistat, Thermostat	Dayton	10N202	10N202
2,285 sq ft	1600	8	Guard	Broan	356BK	39W620
3,000 sq ft	2116	2.3/1.1/0.3	Accessory Bag, Smart Control Hub	Quietcool	AFR SMT ES-2.0	60RG29
<b>Blade Material</b>						
<b>Backdraft Damper / Gable Shutters</b>			<b>Shutter Opening Required</b>		<b>Fits Fan Dia.</b>	
White Painted Aluminum			17 in x 17 in		16 in	
Mill Finish Aluminum			17 in x 17 in		16 in	
					<b>Mfr. Model</b>	<b>Item No.</b>
					4YN20	4YN20
					3HHR1	3HHR1



**Solar-Powered Attic Ventilators**



These ventilators install without the need for wiring or electrical hookup and operate during peak daylight hours to help increase airflow and remove moisture. The solar panels are resistant to wind, hail, and other environmental hazards.

Max. Attic Area	CFM @ 0.000" SP	Includes	Control Method	Dome Material	Brand	Mfr. Model	Item No.
<b>Gable Mounted</b>							
2,600 sq ft	1217	Thermostat, 40 Watt Solar Panel, Accessory Bag	Automatic	—	Quietcool	AFG SLR-40W	787L77
<b>Roof Mounted</b>							
1,550 sq ft	1000	Detached Solar Panel, 25 ft Cord	Manual	Mill Finish Galvanized Steel	Maxx Air	VX1000SOLMILLUPS	4YCK9
1,550 sq ft	1000	Detached Solar Panel, 25 ft Cord	Manual	Black Galvanized Steel	Maxx Air	VX1000SOLBLKUPS	4YCL1
1,550 sq ft	1000	Detached Solar Panel, 25 ft Cord	Manual	Brown Galvanized Steel	Maxx Air	VX1000SOLBRNUPS	4YCL2
1,550 sq ft	1000	Detached Solar Panel, 25 ft Cord	Manual	Weathered Gray Galvanized Steel	Maxx Air	VX1000SOLWGPS	4YCL3
1,550 sq ft	1000	Detached Solar Panel, 25 ft Cord	Manual	—	Maxx Air	VX2515SOLUPS	4YCL4
1,900 sq ft	791	Thermostat, Accessory Bag	Automatic	—	Quietcool	AFR SLR-40W	787L78
3,200 cu ft	537	—	Automatic	Black Acrylic ABS Plastic	Broan	345SOBK	20AZ87
3,200 cu ft	537	—	Automatic	Weather Wood Acrylic ABS Plastic	Broan	345SOWW	20AZ88



**Wind-Driven Turbine Attic Ventilators**



Externally braced for strength and perfect alignment. Bronze, oil-impregnated top bearing. The 4", 6", and 8" vents have a bottom thrust-type pivot bearing with a hardened steel ball riding in a hardened steel seat. The 10" and larger vents use a bottom thrust-type ball bearing. Galvanized steel construction with aluminum bracing on 4" to 14" units; galvanized steel bracing on 16" to 24" units.

Optional adjustable Base 4C505 allows vertical mounting of Ventilator 2C531 on 0/12 to 7/12 pitch roofs. Includes 20" x 20" flashing for weatherproof installation.

Accessories	Description	Mfr. Model	Item No.
Adjustable Roof Base, 6". For Use With 2C528		AB06G	33MH61
Adjustable Roof Base, 8"		AB08G	33PM38
Adjustable Roof Base, 10". For Use With 2C530		AB10G	33PM39
Adjustable Roof Base, 12". For Use with 2C531		AB12G	4C505
Flat Roof Base, 4", For Use With 4C016		FB04G	33PM40
Flat Roof Base, 6", For Use With 2C528		FB06G	33PM41
Flat Roof Base, 8", For Use With 2C529		FB08G	33PM42
Flat Roof Base, 10", For Use With 2C530		FB10G	33PM43
Flat Roof Base, 12", For Use With 2C531		FB12G	33PM44
Flat Roof Base, 14", For Use With 2C532		FB14G	33MH59
Flat Roof Base, 16", For Use With 2C533		FB16G	33PM45
Flat Roof Base, 18", For Use With 2C534		FB18G	33MH58
Flat Roof Base, 20", For Use With 2C802		FB20G	33PM46
Flat Roof Base, 24", For Use With 2C803		FB24G	33MH60
Bearing Repair Kit, 4" to 14" Turbines, For Use With 2C528, 2C529, 2C530, 2C531, 2C532, 4C016		3WAY	33PM47
Bearing Repair Kit, 16" to 20" Turbines, For Use With 2C533, 2C534, 2C802		4WAY20	33PM48
Bearing Repair Kit, 24" Turbines, For Use With 2C803		4WAY24	33PM49

Throat Dia.	CFM @ 4 mph Wind	Overall Height	Overall Width	Mfr. Model	Item No.
<b>Ventilators</b>					
4 in	126 cfm	12 in	10 1/4 in	TV04G	4C016
6 in	147 cfm	14 1/2 in	12 3/4 in	TV06G	2C528
8 in	255 cfm	15 in	14 1/4 in	TV08G	2C529
10 in	425 cfm	16 1/4 in	16 1/4 in	TV10G	2C530
12 in	631 cfm	17 in	19 in	TV12G	2C531
14 in	700 cfm	19 3/4 in	22 3/4 in	TV14G	2C532
16 in	950 cfm	21 3/4 in	25 1/2 in	TV16G	2C533
18 in	1,200 cfm	24 in	29 in	TV18G	2C534
20 in	1,700 cfm	25 1/4 in	31 3/4 in	TV20G	2C802
24 in	2,350 cfm	28 1/4 in	35 3/4 in	TV24G	2C803