

# VENTILATION

Proper ventilation is required to prevent the buildup of damaging moisture that is generated from normal household activities such as laundry, showers, dishwashing and cooking. Ventilation is also necessary to reduce attic temperatures to prevent premature roof aging and to improve energy efficiency.

- As a general rule, one square foot of net free vent area (NFVA) per 300 square feet is recommended.
- For a balanced system, ventilation should be equal at the under-eave and ridge.
- If proper distribution of under-eave and ridge vents cannot be achieved, one square foot of NFVA should be provided for each 150 sq. ft. of area to be vented.
- Requirements may vary by locality. Check your local building codes.

SQ. FOOTAGE OF ATTIC	*SQ. INCHES NFVA AT PEAK	*MIN. FT. OF RIDGE VENT	*MIN. FT. OF ROLL VENT	*SQ. INCHES OF NFVA AT SOFFIT
1,000	240	13	14	288
1,100	264	14	16	317
1,200	288	14.5	17	346
1,300	312	17	18	375
1,400	336	18	20	403
1,500	360	19.5	21.5	432
1,600	384	21	23	460
1,700	408	22	24	490
1,800	432	23.5	26	518
1,900	456	25	27	547
2,000	480	26	28	576
2,100	504	27	30	604
2,200	528	28.5	31	633
2,300	552	30	33	662
2,400	576	31	34	691

\*Double the above ratio for 1:150. Minimums based on HUD requirement MPS 403-3.

**Publisher is not liable for errors or omissions in this book. Always check your local building codes.**