

How Ridge Vent Works

Ridge Vent works on the basis of several principles. Adequate soffit ventilation coupled with ridge ventilation produces a pathway for a continuous airflow along the entire underside of the roof deck. Airflow is maintained two ways. First, hot air naturally rises and exits out the ridge vent, pulling in cool air from below. Second, positive airflow across the ridge of the house creates a "venturi effect", or a negative pressure, which pulls air out of the ridge vent and brings in cool air from the soffits below. In calm or windy weather, the entire attic is vented by a constant flow of cooler, dryer outside air.

