

Greenward™ Ridge Vent

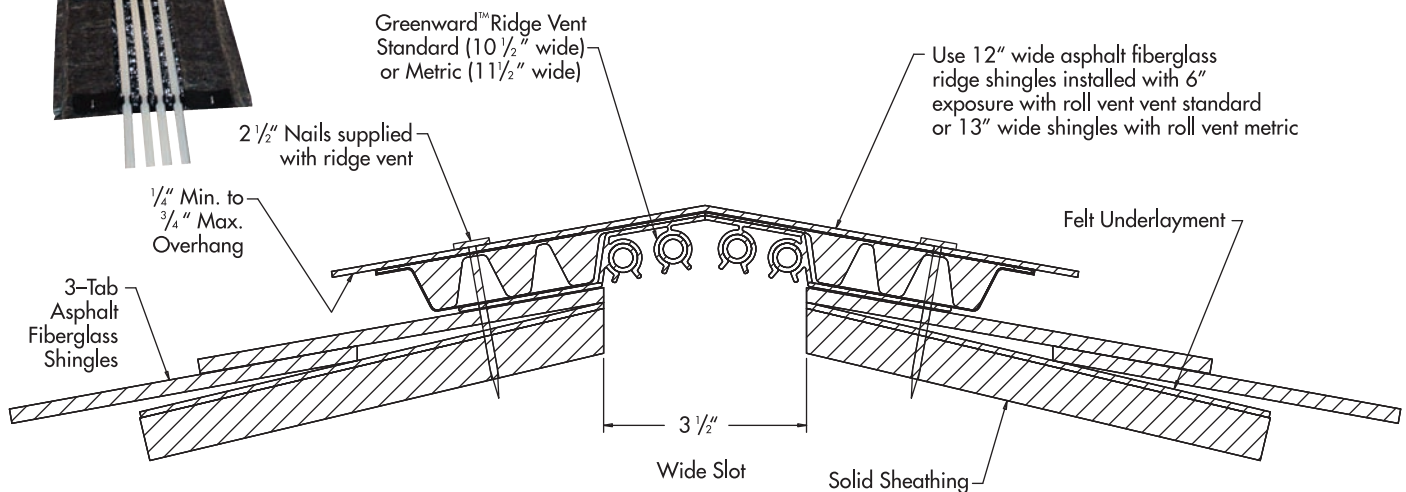


BENEFITS

- ▶ Chimney effect design for maximum heat convection
- ▶ Maximizes attic ventilation
- ▶ Prevents rain, snow and insect infiltration
- ▶ Great curb appeal
- ▶ Low profile design
- ▶ Unobtrusive installation
- ▶ Harvests escaping attic heat even on cloudy days
- ▶ No requirement for a south facing roof
- ▶ Never worry about the correct "tilt" for proper sun exposure

FEATURES

- ▶ Lightweight and easy to handle
- ▶ Centers over ridge perfectly
- ▶ See through hinge
- ▶ Compression resistant design
- ▶ Breathable weather barrier
- ▶ No end plugs needed
- ▶ Visible nail line
- ▶ Simplifies the alignment of cap shingles
- ▶ U-valves on one end to continue loop
- ▶ Sturdy nylon brackets suspend tubing
- ▶ Flexible tubing rolls easily
- ▶ 160 linear feet of flexible tubing harvest energy
- ▶ Supply and return manifolds



SPECIFICATIONS	
Product Code:	GRV-40
Color:	Black fabric on black matrix
Height/Thickness (w/ fabric):	0.950" outside edges, 0.005" inside cut out
Width:	10.5" to 10.75"
Matrix:	48.4 grams per linear foot. Nylon 6
Fabric:	Bottom - Black 100 gram Colback with "opening" in center of fabric along length; 2 strips = 3.375" wide each Top - Two strips along top; Weight on top strips may be between 100 gram/sq. meter 165 gram/sq. meter; Color Black; 2 strips = 3.375" wide each
Markings:	Nail line indicator printed on nail area
Roll Length:	40 feet
U-Clip Brackets:	Nylon; 41 clips for every 40 ft. roll of GRV
Tubing:	Flexible PEX type tubing, 1/2" OD, 170 linear ft.
Live-End Manifolds:	(2) return & supply manifolds; 3/4" to 3/8" Y-connections
U-Bends:	(2) U-Bend slip connect fittings on dead-end
Net Free Area (NFA):	16.9 square inches per linear foot

Greenward™ Ridge Vent System

BENEFITS

- ▶ Lowers CO2 emissions
- ▶ Reduces homeowners reliance on natural resources
- ▶ Reduces carbon emissions
- ▶ Consumes less energy
- ▶ Quality hot water at a lower cost
- ▶ Little or no maintenance

FEATURES

- ▶ Glycol solution prevents freezing
- ▶ Best in breed components
- ▶ Precise and reliable gauges and thermostats
- ▶ Latest digital solar technology
- ▶ Low speed circulator pump
- ▶ Copper pipes and fittings
- ▶ Metal system components can be recycled
- ▶ Storage tank retains heat longer



GREEN BUILDING

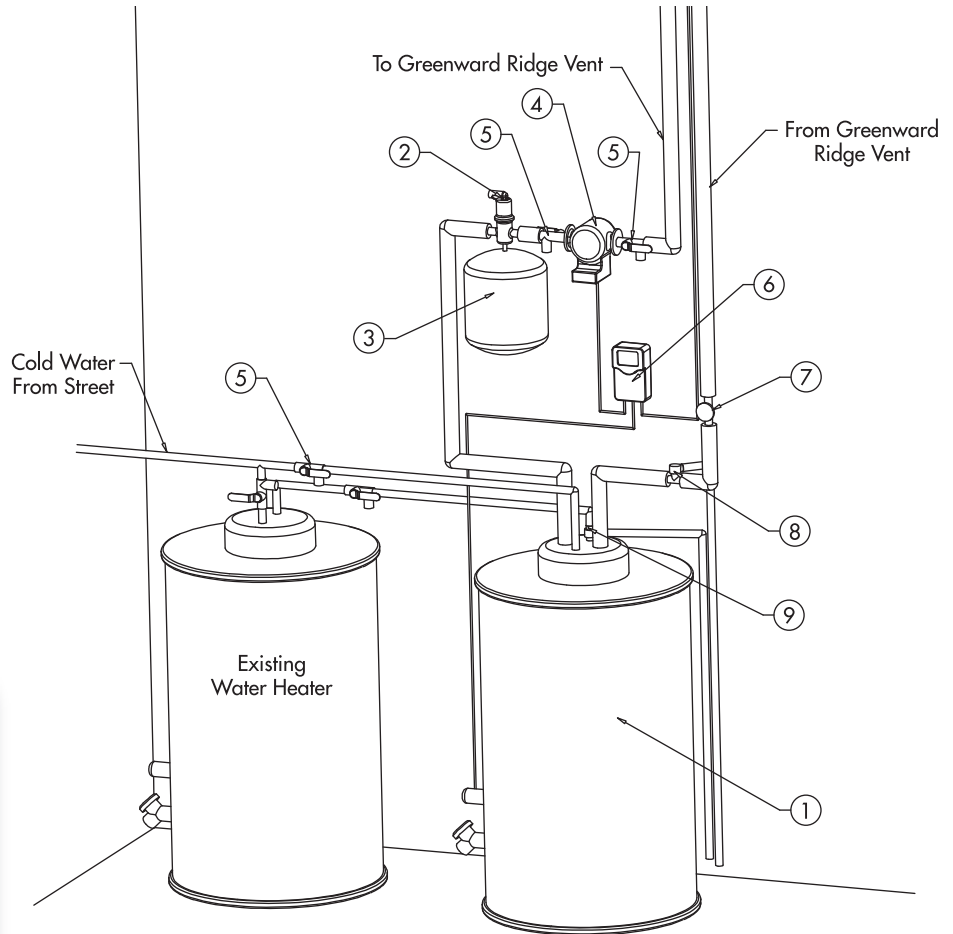
Greenward Ridge Vent System

can help toward certification*

LEED for Homes – 2 Prerequisites, 5 credits

LEED for New Construction – 1 Prerequisite, 5 credits

*GRVS contributes to the "Optimize Energy Performance" credit in many programs, such as LEED, by helping structures improve their energy performance beyond the minimum required by the standard.



SPECIFICATIONS

LEGEND

PART

1	80 gallon storage tank w/heat exchanger
2	SpiroVent air valve
3	2 gallon expansion tank
4	Circulator pump
5	5 shut off valves
6	Temperature differential switch w/2 sensors (1 for attic, 1 for tank)
7	Pressure gauge
8	30 PSI relief valve
9	Temperature relief valve
	40 ft. roll of GRV
	150 ft. of ¾ inch OD extra tubing
	2 gallons corn glycol
	1 lb. 2½ inch roofing nails
	75 ft. electrical wire
	All necessary fittings, elbows, couplings, bushings, etc.
	All necessary reducers, sweat unions, threaded adapters, etc.