

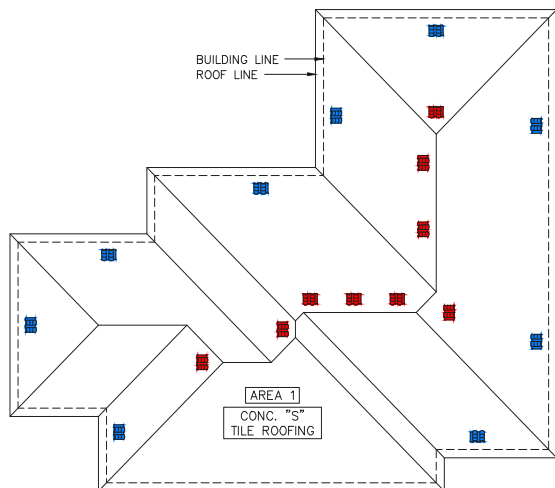
FREE ARCHITECTURAL DESIGN SERVICES

How Many Attic Vents Do I Need?

Send us your plans. Don't have plans?
No problem. Provide us with your address
and we'll figure out the rest.

Email to: vent@ohagin.com

- Let us help you with our **FREE** architectural and design services!
- We can have your attic ventilation installation plan created in a matter of days.
- A sample of what you get is shown below and is all your contractor needs to properly ventilate your attic space!



LEGEND		NOTES	
O'HAGIN STANDARD*		ALL REQUIRED ATTIC VENTILATION SHALL COMPLY WITH THE INTERNATIONAL RESIDENTIAL CODE, (2015); CHAPTER 8 ROOF-CEILING CONSTRUCTION, (PAGE 409); SECTION R806 ROOF VENTILATION.	
"S" STYLE VENTS FOR TILE ROOFS 97.50 SQUARE INCHES OF NFVA** (ICC-ES LEGACY REPORT 9650-A)	HIGH*** (EXHAUST) LOW*** (INTAKE)	DO NOT INSTALL O'HAGIN VENTS BELOW AREAS OF CONCENTRATED WATER RUNOFF. PLACEMENT ASSUMES GUTTERS ARE INSTALLED IN ALL APPLICABLE AREAS.	
*INDEPENDENT LABORATORY TESTED TO RESIST THE INTRUSION OF WIND-DRIVEN RAIN & SNOW (MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED) SEE NDA.		FOR INSTALLATION INSTRUCTIONS, TECHNICAL BULLETINS, RECOMMENDED PAINTING PROCEDURES AND WARRANTY INFORMATION PLEASE VISIT O'HAGIN'S WEBSITE AT WWW.OHAGIN.COM .	
**NET FREE VENTILATION AREA (FIGURES BASED ON INDEPENDENT EVALUATION REPORTS)		FOR HIGH WIND AREAS (70-110 MPH) OR WILDLAND URBAN INTERFACE (WUI) APPLICATIONS, PLEASE CONTACT. O'HAGIN TOLL FREE O'HAGIN TOLL FREE AT 877/324-0444	
***REFER TO NOTES 3 & 4 ON ATTACHED OVERVIEW FOR O'HAGIN'S HIGH & LOW VENT PLACEMENT INSTRUCTIONS.		O'HAGIN VENTS ARE DESIGNED TO BE PART OF A COMPLETE ROOFING SYSTEM. FAILURE TO PROPERLY INSTALL ALL COMPONENTS WILL NEGATIVELY IMPACT OVERALL PERFORMANCE AND WILL VOID WARRANTY PROTECTIONS.	
ATTIC VENTILATION METHOD (O'HAGIN'S BALANCED SYSTEM)			
ATTIC AREAS	ATTIC SQUARE FEET	APPLIED RULES OR EXCEPTIONS	SQUARE INCHES NFVA**REQUIRED
AREA 1	2931.00	1/300	1407.00
TOTALS	2931.00	N/A	1407.00
			8 HIGH & 8 LOW
			16 @ 97.50 S.I.
			1560.00

FREE TECHNICAL SUPPORT SERVICES

FOR YOUR PLANNING, DESIGN, INSTALLATION,
AND EDUCATIONAL NEEDS.

O'HAGIN OFFERS A RANGE OF FREE SERVICES:

FREE ARCHITECTURAL/DESIGN SUPPORT SERVICES

- Prompt analysis of roof plans in AutoCAD or other format
- Calculate the number of vents required based on local building codes
- Provide specific recommendations for vent placement

FREE PRE AND POST-INSTALLATION SUPPORT

- Meetings with builders, consultants, building code officials, or other members of your design and construction team
- Support regarding any aspect of our product performance or installation

ADDITIONAL INFORMATION

Approvals

- O'Hagin is a recognized leader in attic ventilation testing and design
 - O'Hagin products hold local and national approvals including:
 - ICC-ES Legacy Report, 9650-A
 - Class A fire rated
 - Miami-Dade County Product Control Approved.
- For complete testing information, call: (877) 324-0444

Instructions

Complete step-by-step installation instructions are available on our website at www.ohagin.com, on our YouTube channel (see link below) or by calling our Customer Service Team toll free at (877) 324-0444



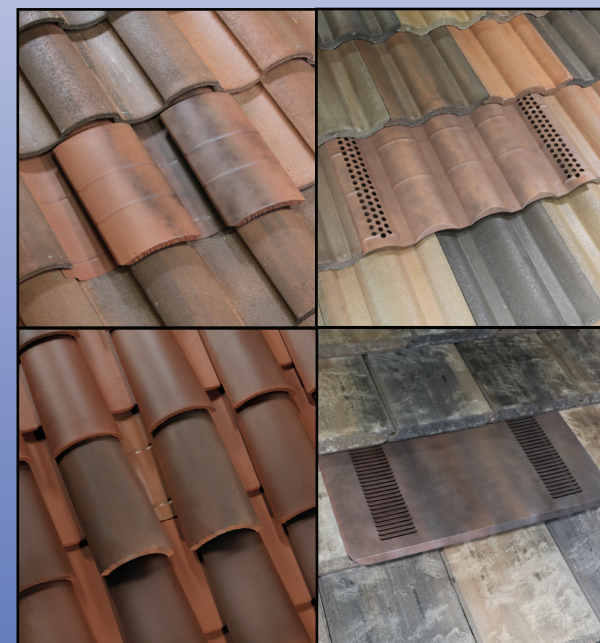
CHECK OUT O'HAGIN'S YOUTUBE CHANNEL
[YOUTUBE.COM/OHAGINLLC](https://www.youtube.com/ohaginllc)

Phone: (877) 324.0444 | Fax: (707) 588.9187
www.ohagin.com

O'HAGIN Superior Attic Ventilation Products

Profile Specific Attic Vents For Tile Roof Applications

OPTIONAL **Fire & Ice**® ATTIC VENTS -
RESISTANT TO FLAMES, EMBERS, RAIN & SNOW



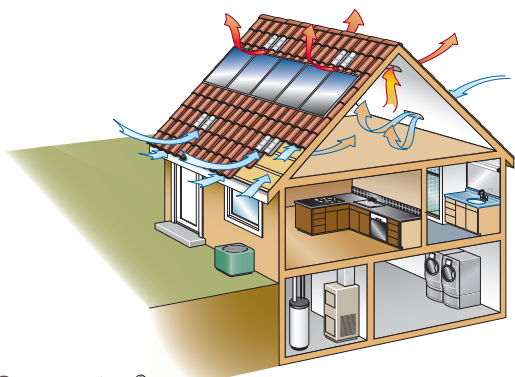
MADE IN THE U.S.A.
WITH U.S. STEEL



VISIT O'HAGIN'S WEBSITE AT
WWW.OHAGIN.COM

210 CLASSIC COURT, SUITE 100
ROHNERT PARK • CA 94928
PHONE: (877) 324-0444 • FAX: (707) 588-9187

BENEFITS OF ATTIC VENTILATION



- **Fire & Ice® ATTIC VENTS** Upgrade to these vents in wildfire danger areas - these vents block the entry of firebrands (embers)
- **VOID VALIDATE THE WARRANTY** Most manufacturers of roofing products require **ADEQUATE** attic ventilation to validate their warranties.
- **FITS WITH SOLAR SYSTEMS** Low-profile design is compatible with most panel installations and fits under most rack mount systems.
- **EXTEND THE ROOF'S LIFE** Ventilation protects attic insulation and rafter cavities from moisture, thereby reducing the risk of mold and dry rot.
- **MAINTAIN CURB APPEAL** When painted to match, O'Hagin attic ventilation systems blend into surrounding roofing material.
- **ENHANCES ABOVE-SHEATHING VENTILATION (ASV)** Increases airflow and can increase energy savings in cool roof systems.
- **CONSERVE ENERGY** O'Hagin attic vents are completely passive, reducing energy costs related to heating and cooling.
- **REMOVE TRAPPED GASES** Proper attic ventilation facilitates the removal of hot, trapped gases and fumes, a major cause of indoor air pollution, allergies and related health problems.
- **REDUCE MOISTURE BUILDUP** Proper attic ventilation reduces moisture build up from indoor water sources and condensation that occurs naturally in the attic

SUPERIOR LINE OF ATTIC VENTS

- Patented design
- Use our vents both high (exhaust) and low (intake) for a "balanced" system
- Profile specific to seamlessly blend into surrounding roof tiles. We offer attic vents to match all tile profiles.
- Manufactured with standard finish 26 gauge G-90 galvanized steel (20-year warranty), .032" aluminum, or 16 oz. copper (50-year warranty)
- Passive ventilation – no motors or moving parts.



Net Free Ventilation Area

WIRE MESH	MODEL: FLAT	MODEL: S	MODEL: M
STANDARD 1/4"	98.75 sq. in.	97.50 sq. in.	86.25 sq. in.
OPTIONAL 1/8"	88.87 sq. in.	87.75 sq. in.	77.63 sq. in.

*Figures based on independent evaluation reports.

Fire & Ice® LINE OF ATTIC VENTS

- Class A fire-rated vent*
- Flame, ember, rain and snow resistant*
- Complies with Wildland Urban Interface Code requirements and accepted for use by many local fire officials for installation in Wildland Urban Interface (WUI) zones
- Interior stainless-steel matrix system
- May be used in place of under-eave and soffit vents:
 - superior airflow
 - balanced airflow
 - decreased construction costs

* Quantified by independent laboratory testing



PHOTOS OF O'HAGIN Fire & Ice® ATTIC VENTS DURING EXTREME TEST CONDITIONS

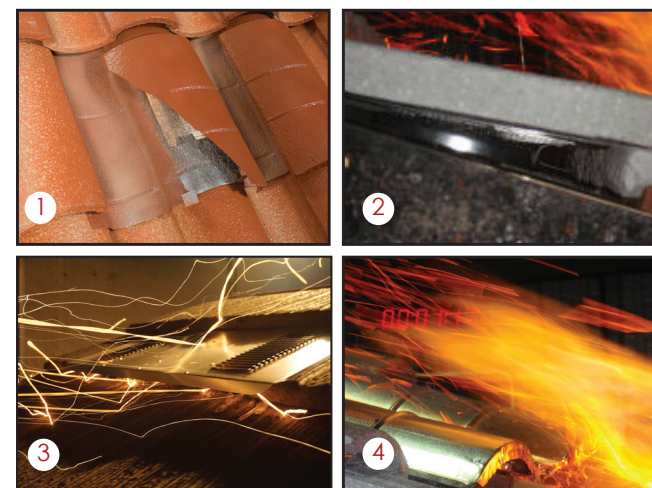


Photo captions:

1. FIRE & ICE® with portion of vent cut away to show stainless-steel matrix and highlight flame and ember resistant airway into attic space;
2. FIRE & ICE® vent installed with concrete flat tile during flame and ember test. Side view shows batten cavity protected from flame and ember intrusion;
- 3.-4. FIRE & ICE® vents shown during flame and ember tests

O'Hagin vents are manufactured and protected under one or more of the following patents (other U.S. and foreign patents are pending): D456,531; D457,234; D458,391; D458,392; D469,889; D479,885; D504,172; D512,774; D549,316; 6,050,039; 6,129,628; 6,354,051; 6,390,914; 6,447,390; 6,491,579; 9,011,221



MADE IN THE U.S.A.
WITH U.S. STEEL