

Introducing New...  
**V-400E!**



V-400E

S-400

**Protect Your Roofing Investment, Install...**

# **COR-A-VENT<sup>®</sup> Ridge & Soffit Vent...** **On NEW or REROOF Installations.**

- **NEW! V-400E** – with enhanced snow screen
- V-400E – certified 17 sq. inches NFVA\* per foot
- Exceeds all national building codes for ventilation
- Easy to handle 4' pieces – 12 pieces (48 l.f.) per carton
- 2 1/2" roofing nails & 4 end caps included (with V-400E)
- Can be applied on hip roofs (not S-400)
- More flexibility on steep pitch roofs – now works on 16/12 pitch
- Solid base provides a weather-tight seal under vent
- Cuts with a utility knife – no waste

- “Live” flexible hinge – makes it easy to match roof pitch
- Leaves a well defined ridge – “no hump or domed shaped” peak
- Won’t crack or shatter in cold weather application
- No baffles to clog with leaves or pine needles
- Proven by 30+ years of on the roof performance
- Lifetime warranty
- S-400 – certified 10 sq. inches NFVA per foot

\*Net Free Vent Area



# COR-A-VENT® S-400 Soffit/Eave Vents

**Simple Solutions for all Your Eave Venting Details. The science of a good ridge and soffit vent system depends upon the equalization or "balance" of its two components – the soffit/eave (intake) air and the ridge (exhaust) air. This principle of good venting practice works well with most traditional roof designs.**

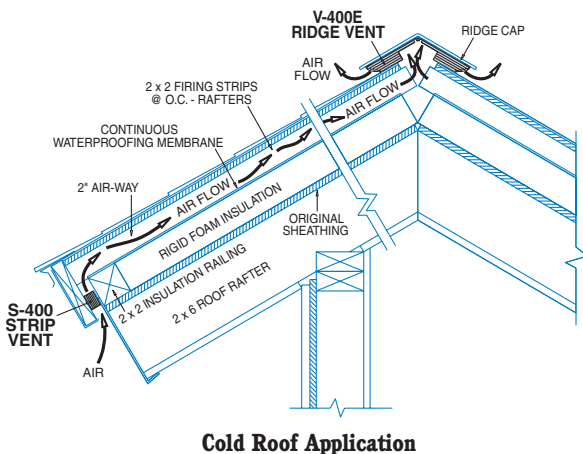
However, many contemporary house and roof designs are limited in how well they can be naturally ventilated. This is a result of restriction in the amount of, or placement of critical intake ventilation. In the interest of modern architecture and good ventilation practices, COR-A-VENT has developed various unique soffit venting applications using our S-400 Strip Vent.

All ridge vents, work best with soffit/eave (intake) vents. For the top performance, place the intake vents low on the structure, typically at the overhangs.

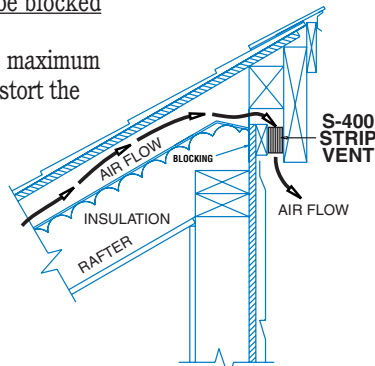
With new construction or when re-roofing, all other attic exhaust vents such as gable-end, roof, or turbine vents should either be blocked off or removed.

The stack effect (rising warmer air) is enhanced and thus maximum updraft (ventilation) is obtained when no other opening(s) can distort the air pattern between the intake and the exhaust vents.

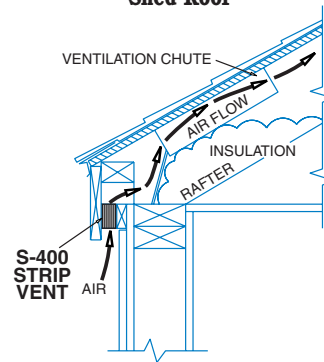
\*Net Free Vent Area



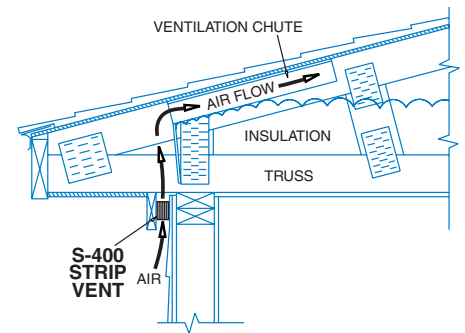
**Cold Roof Application**



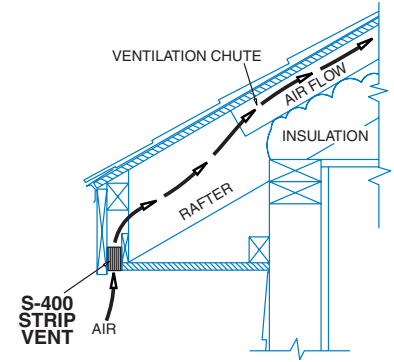
**Shed Roof**



**Zero Overhang (Salt Box/Cape Cod)**

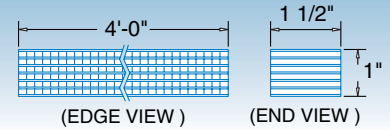


**Engineered Truss**



**Wood Overhang (Typical)**

- **There really are as many ways to install S-400 Strip Vent as there are eave construction details**
- **1" x 1 1/2" x 4' cross section gives you maximum soffit/eave ventilation in a minimum space**
- **10 sq. in. NFVA\* per lineal foot**
- **S-400 fits narrow spaces where other vents can't, like zero overhangs**
- **The durable 4' Polypropylene (PP) sections are available in black or white, 24 – 4' pieces (96 l.f.) per carton**
- **Self-cleaning – vertical flute orientation doesn't show the dirt**
- **Crush resistant so you can install with a power nail gun**
- **Pair up S-400 with any of COR-A-VENT'S ridge vent products for an unbeatable system**
- **Can be installed in multiple layers for additional ventilation**



## Figuring Your Ventilation Needs:

**V-400E:**  $\text{Square footage of building footprint} \times .48 = \text{Lineal Feet V-400E needed}$   
17

**Example:**  $25' \times 50' = 1250 \text{ Sq.F.}$   
 $1250 \times .48 = 600$   
 $600 \div 17 = 35 \text{ L.F. V-400E needed}$

The above formulas will give the amount of V-400E ridge vent needed for a 1/150 vent ratio, provided an equal or greater amount of soffit venting is used. For a 1/300 ratio, (building code minimum) use half the amount of ridge vent. **Note: Code interpretations may vary. Consult your local building dept.**

**For the best appearance and performance install COR-A-VENT ridge and soffit vents continuously at the ridge and in the soffits.**

Maintaining an unrestricted air passageway between the soffit and ridge is crucial to the performance of the vent system, and must not be blocked or restricted. COR-A-VENT recommends a minimum 2" air space between the roof sheathing and vent chute or insulation.

**Note:** Should you need any assistance in designing your ventilation system, fax or mail a sketch and information to our technical services department. COR-A-VENT will respond with recommendations for your particular building design.



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